

PRELIMINARY SITE ASSESSMENT REPORT

Volume II

**Camarota Cleaners Site
325-327 Park Avenue
Site No. 5-46-044**

Work Assignment No. D002676-45
April 2000



Prepared for:

**New York State Department of
Environmental Conservation**

50 Wolf Road, Albany, New York 12233
John Cahill, *Commissioner*

Division of Environmental Remediation
Michael J. O'Toole, Jr., P.E., *Director*

By:
Lawler, Matusky & Skelly Engineers LLP

NEW YORK STATE SUPERFUND STANDBY CONTRACT

**PRELIMINARY SITE ASSESSMENT
REPORT**

**CAMAROTA CLEANERS SITE
323 PARK AVENUE
SITE NO. 5-46-040**

VOLUME II – SUPPORTING DOCUMENTATION

Work Assignment No. D002676-45

Prepared for:

**New York State Department of Environmental Conservation
Division of Environmental Remediation**

December 1999

**LAWLER, MATUSKY & SKELLY ENGINEERS LLP
ENVIRONMENTAL SCIENCE & ENGINEERING CONSULTANTS
One Blue Hill Plaza
Pearl River, New York 10965**

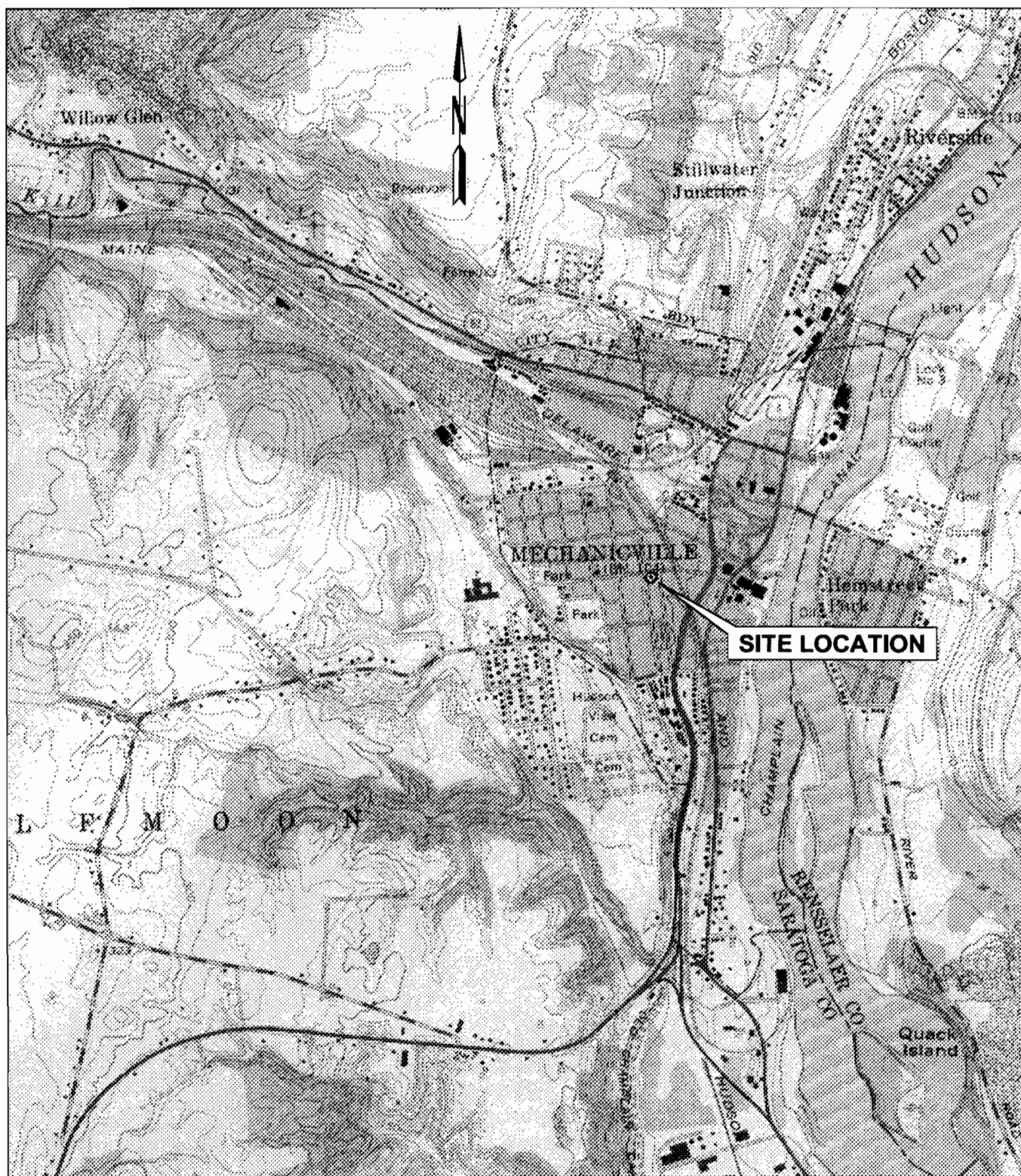
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REFERENCE 1



0 1000 ft
SCALE



Map source: USGS 7.5 minute quadrangle, Mechanicville, NY, 1954, photorevised 1980.

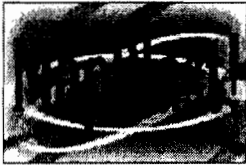
Figure 1

Site Location

MULTI-SITE PSA
Camarota Cleaners
NYSDEC I.D. No. 5-46-044

LAWLER, MATUSKY & SKELLY ENGINEERS LLP
Pearl River, New York

REFERENCE 2



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323 Park Ave, Mechanicville, NY 12118-2027

Weather in Schenectady, NY: 46°F Overcast



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[Icon Latitude: 42.903263, Longitude: -73.690626] | [Click here to change map size](#)

latitude: 42°54'11"N longitude: 73°41'26"W



Quick US Map of (City, State or Zip)



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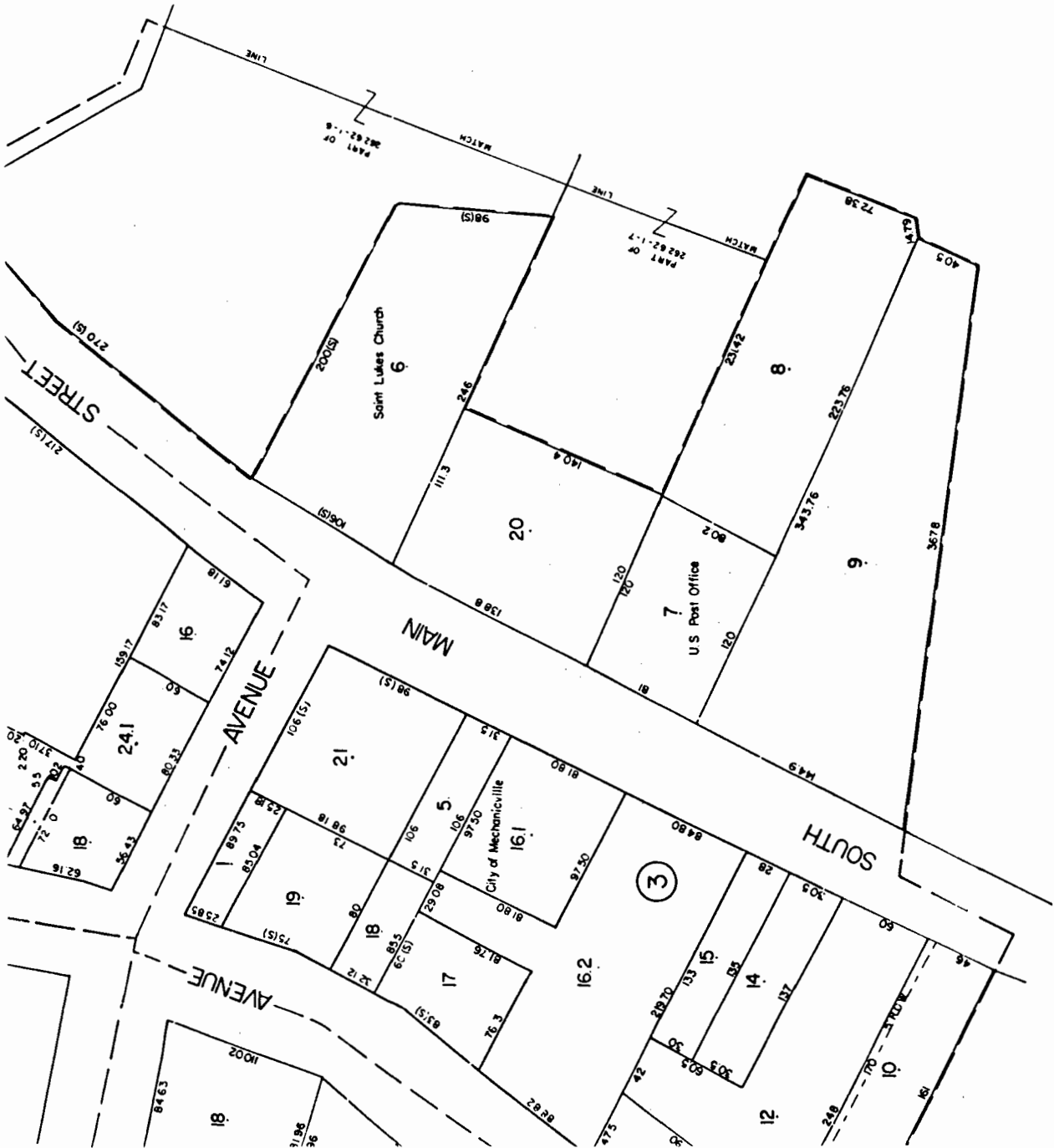
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.../map.mb?loc=us&CT=42.903263%3A-73.690626%3A20000&GAD1=&GAD2=323+Park 10/20/1999

REFERENCE 3



NAME		TAX MAP		262.61	
CITY OF MECHANICVILLE		CITY OF MECHANICVILLE		SARATOGA COUNTY, NEW YORK	
1 JUNE 1993		1 JUNE 1993		MAP DATE	
GRAPHIC SCALE		1" = 50'		SHEET INDEX	
261.60		262.53		262.54	
261.68		262.62		262.62	
261.72		262.69		262.69	
GREAT LOT #		CALCULATED ACREAGE		7.5 A (C)	
COMMON OWNER		DEED ACREAGE		17.5 A	
TAX MAP BLOCK #		SCALED DIMENSION		225 (S)	
TAX MAP PARCEL #		DEED DIMENSION		173.2	
FILED PLAN LOT #		COORDINATE LOCATOR		(14)	
PROPERTY LINE		COUNTY LINE		SPECIAL DISTRICT LINE	
ORIGINAL LOT LINE		TOWN LINE		COMMON OWNER	
RAILROAD		CITY OR VILLAGE LINE		TAX MAP BLOCK #	
STREAM OR DITCH		BLOCK LIMIT		TAX MAP PARCEL #	
ROAD OR RAILROAD BNDY		GREAT LOT LINE		FILED PLAN LOT #	

REFERENCE 4

**MEMORANDUM OF
CONVERSATION**

WHO: Dan Robens

OF: Department of Public Works (DPW) - Mechanicville

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 664 - 7171

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 27 October 1999

JOB NUMBER: 650 - 716 G531

TIME: 10:15 am

- (1) Is there an as-built drawing of the building, a layout sketch, anything that shows the interior of the building (i.e., drains, sinks, pipes, location of where PCE equipment was used during operation)?

Call Building Department (518 - 664 - 5001) ask for Steven Sgambati. He is the inspector and the code enforcement officer. He said that the building was not that old... so there may be something on record.

- (2) Historical information / activities at the site / any owners other than Fred Camarota?

Call Building Department or the Assessor's Office (518 - 664 - 2077) ask for Tony Luciano - normal hours are 10 - 1 everyday. There is also a city historian, but Dan did not have a phone number for that person.

- (3) Was Mr. Camarota trying to sell the place in 1991 when the bank hired an environmental company to take some soil gas samples?

This is very likely.

- (4) Is groundwater flowing easterly as Environmental Products and Services has suggested?

Since the river is east of the city, the general slope of the entire city is toward the river; the city also slopes to the south a little as well. Therefore, groundwater flow in the east or southeasterly direction is probably accurate.

- (5) Are their permits on file for this facility because the handled PCE? (There should be somewhere.)

Check with DEC or EPA. Probably not with the city, although a copy of that file may be kept in the Accounts Department with the Accounts Office Commissioner Paul Geilianne (518 - 664 - 9884).

- (6) Safety Kleen removed barrels from inside the facility - any documentation on that?

Yes, the work was complete 3 or 4 weeks ago. Every container of chemicals was removed from the site. Some barrels of lint were not removed by Safety Kleen, they instructed Dan Robens (because the City owns the building now and he has the key to the building) to dispose of these barrels as regular household trash. He will do that soon, he said. A copy of the Safety Kleen records is available at the Accounts Office.

**MEMORANDUM OF
CONVERSATION**

WHO: Dan Robens

OF: Department of Public Works - Mechanicville

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 664 - 7171

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 5 November 1999

JOB NUMBER: 650 - 716 G531

TIME: 3:45 pm

CONCERNING: _____

AND DECIDED:

- (1) Was DPW in charge of marking out the sewer connections for the markout that was done prior to LMS's September activities at the site?

Yes, the sewer pipe comes out of the south west corner of the building heading south, then turns 90 degrees and heads toward the west (toward Second Avenue) and connects with the city main under the road.

- (2) Has he been inside the building? Is it like a warehouse... what is it like inside? Where in the building (generally) was the PCE used when the dry cleaning business was there? Where was the PCE stored after the dry cleaning business went out of business?

The chemicals were likely stored in the south east corner of the building. The place where the PCE equipment was mostly likely used was right about in the direct center of the building.

- (3) Are there any tanks left on the site now?

Dan believes that there are two tanks currently on site. On is an underground heating fuel storage tank that is located off the east side of the building at the south east corner of the building. The other tank, possibly a tank that contained PCE, is located off the south side of the building at the south east corner of the building.

- (5) Where does precipitation run to near the site? Are there drains or manholes near the site?

There are storm drains and curb inlets that are tied into the sanitary sewer. But there is grass on site, so the majority of the rain that fall on the site, will likely seep into the ground right on site.

- (6) Is there a basement, or only a concrete slab floor?

There is a concrete slab floor (no basement) of unknown thickness.

FAX

Date 12/06/99

Number of pages including cover sheet

TO: Laura Robinson

FROM: Commissioner Daniel Robens
Department of Public Works
Mechanicville, N.Y. 12118

Phone (914) 735-8300

Fax Phone (914) 735-7466

Phone (518) 664-7171

Fax Phone (518) 664-9589

CC:

REMARKS: ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please Comment

Laura, here is that information you requested.
Call if any questions
Dan

LAWLER, MATUSKY & SKELLY ENGINEERS LLP
One Blue Hill Plaza, P.O. Box 1509, Pearl River NY 10965
914-735-8300, FAX: 914-735-7466
E-MAIL: lms@lmseng.com WEB: <http://www.lmseng.com>

FACSIMILE TRANSMISSION COVER PAGE

To: Dan Robens	From: Laura Robinson <i>Laura</i>
Company: Mechanicville DPW	Date: 6 December 1999
Fax No.: 518 - 664 - 9589	Job No.: 650 - 716
Phone No.: 518 - 664 - 7171	
Total Number of Pages including this cover page: 2	

If you do not receive all of the pages indicated above or experience any transmission problems with this message, please call the sender at 914-735-8300.

☐ If checked here, please confirm receipt by calling sender at 914-735-8300.

Unless otherwise indicated or obvious from the nature of this transmittal, this message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone. Thank you.

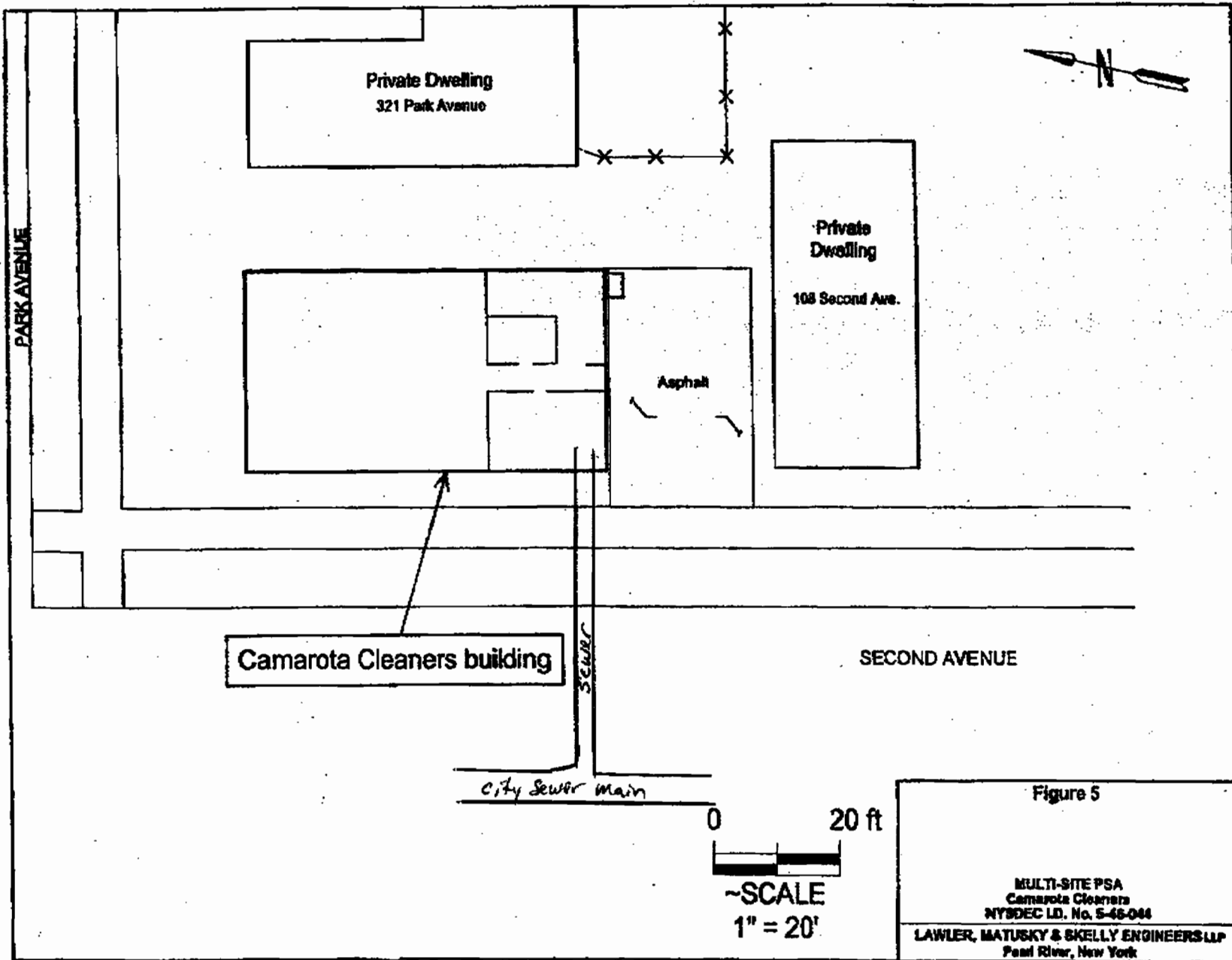
Good morning, Dan -

To clarify the location of the sewer pipe that runs from the Camarota Cleaners building to the street, I am enclosing a map for you to sketch the location of the pipe. I know that we already discussed this on the telephone, but I wanted to have a more exact idea of where this pipe actually is.

Thank you. You can fax the map back to me at 914 - 735 - 7466.

Thanks!

- LAURA



REFERENCE 5

**MEMORANDUM OF
CONVERSATION**

WHO: Tony Luciano

OF: Town Assessor - Mechanicville

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 664 - 2077

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 28 October 1999

JOB NUMBER: 650 - 716 G531

TIME: 10:30 am

CONCERNING: _____

AND DECIDED:

- (1) Historical information, activities at the site, previous owners (before Fred Camarota)?

It was a meat market there, then it was turned into a home, then Camarota bought it and tore down the building that was there and built the one that is there now. The dry cleaning business probably (?????) started about 20 to 25 years ago (late 70s or early 80s). The dry cleaning activities were stopped in (or just before) 1991 when Camarota wanted to sell the property. The investigation was done by the bank, etc...

- (2) Any idea about permits for handling the PCE?

Check with the code enforcement officer - the town clerk - who is Paul Guilianelle (518) 664 - 9884. I already spoke with Paul yesterday (see tel con), he does not have knowledge or a record of any such permit(s).

Called Mr. Luciano back on 3 November 1999 at 10:25 am to ask him who was the official owner of the Camarota Cleaners property. He returned my call on 4 November 1999 at 8:45 am. He said that the owner of the property should be listed as The City of Mechanicville Commissioner of Accounts Paul Guilianelle 36 North Main Street Mechanicville, New York 12218. Fred Camarota should not be listed as the owner!

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 6

**MEMORANDUM OF
CONVERSATION**

WHO: Tony Luciano

OF: Town Assessor - Mechanicville

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 664 - 2077

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 30 November 1999

JOB NUMBER: 650 - 716 G531

TIME: 11:40 am

CONCERNING: _____

AND DECIDED:

Called 30 November 1999 at 11:40 am and left a message on his machine.

Called 2 December 1999 at 1:00 pm and left another message on his machine.

Mr. Luciano returned my phone call on 3 December 1999 at 9:45 am.

- (1) Can do a search for past and present dry cleaners in the Town of Mechanicville? Have addresses for any of these dry cleaners?

Currently there are not any other dry cleaners in the City of Mechanicville. There was another one that closed down approximately 10 to 15 years ago; it was located on North Main Street (exact address is unknown).

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 7



PERTAINING TO:
CAMAROTA CLEANERS
323 PARK AVENUE
MECHANICVILLE, NY 12118

REPORT NUMBER:
266656/356874

PREPARED ON:
8/11/99

ON BEHALF OF:
LMS ENGINEERS-PEARL RIVER
PO BOX 1509
PEARL RIVER, NY 10965

**If you have any questions or comments
regarding this report, please contact VISTA
customer service at 1-800-767-0403, locally at
619-450-6100, or fax us at 619-450-6195.
Thank you for your order.**

SANBORN MAP LEGEND

GLOSSARY

CODING OF FIRE-RESISTIVE STRUCTURAL UNITS FOR FIREPROOF AND NON-COMBUSTIBLE BUILDINGS

FRAMING	FLOORS	ROOF
CODE STRUCTURAL UNIT	CODE STRUCTURAL UNIT	CODE STRUCTURAL UNIT
A. Reinforced Concrete Frame.	1. Reinforced Concrete, Reinforced Concrete with Masonry Units.	a. Reinforced Concrete, Reinforced Concrete with Masonry Units.
B. Reinforced Concrete Joists, Columns, Beams, Trusses, Arches, Masonry Piers.	2. Concrete or Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.	b. Concrete or Gypsum on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
C. Protected Steel Frame.	3. Open Steel Deck or Grating.	c. Incombustible Composition Boards with or without Insulation. Masonry or Metal Tiles.
D. Individually Protected Steel Joists, Columns, Beams, Trusses, Arches.		d. Steel Deck, Corrugated Metal or Asbestos Protected Metal with or without Insulation.
E. Indirectly Protected Steel Frame.		
F. Indirectly Protected Steel Joists, Columns, Beams, Trusses, Arches.		
G. Unprotected Steel Frame.		
H. Unprotected Steel Joists, Columns, Beams, Trusses, Arches.		
O. Masonry Bearing Walls only.		

The coding to the left, for framing, floor and roof structural units is used in describing the construction of fire-resistive buildings. In addition, reports for fire-resistive buildings will show the date built, wall construction other than brick, and ceilings.

FP - 1962
(CONC)
A-1-a

A fireproof building built in 1962 with concrete walls and reinforced concrete frame, floors and roof.

FPX - 1962
(METAL PANELS)
B-2-b
(NONCOMBUSTIBLE)

A fireproof building built in 1962 with metal panel walls, reinforced concrete columns and beams, concrete walls on metal lath and gypsum slab roof, noncombustible ceilings.

NC - 1962
(C. B.)
H-2-d

A non combustible building built in 1962 with concrete block walls; unprotected steel columns, beams and joists; concrete floors on metal lath and steel deck roof.

MASONRY CONSTRUCTION

Important interior and all exterior masonry walls of all non-residential buildings and residential buildings of five or more dwelling units are shown with weighted (—) lines.

Masonry walls of residential buildings of four dwelling units or less are shown in a standard line and the construction is noted on all buildings diagrammed after July, 1963.

WALLS

PARTITIONS

OPENINGS

WALLS	PARTITIONS	OPENINGS
8" Brick	Frame	(Interior)
12" Concrete	Tile from Foundation to Top Ceiling only	Wall with No Openings
18" & 20" Stone	Concrete First Floor only	Wall with Double Standard Fire Doors 1st Floor
12" & 8" Hollow Tile Wall Thicknesses Placed Relative to Respective Floors	Hollow Cinder or Concrete Block 1st Floor only	Wall with Standard Fire Door Basement
Cinder, Concrete or Cement Brick	Brick 2nd Floor only	Wall with Substandard Fire Doors 1st & 3rd Floors
Hollow Cinder or Concrete Blocks, Pilastered	Tile 1st & 3rd Floor only	Wall with Metal & Wired Glass Fire Doors all Floors
		Wall with Substandard Fire Doors 1st, 2nd & 3rd Floors & Unprotected Opening 4th Floor
		Wall with Small Unprotected Openings only
		Wall with Unprotected Openings all Floors
		(Exterior)
		1st Floor
		1st & 2nd Floors
		3rd Floor
		1st & 4th Fl. with Metal Shutter 1st.
		10th & 22nd only
		10th & 22nd Fl.
		Glass Block
		Wired Glass in Metal Sash 2nd & 3rd Fl.

NON-MASONRY CONSTRUCTION

Non-masonry walls are shown with fine (—) lines.
(Walls construction other than wood and stucco on wood frame is noted)

Wood & Stucco & Cement Plaster, Etc. on Wood Frame	Wood & Sash Glass	Iron Building with Wood Roof. (Location of Extensive Wood Areas Specifically noted)	Apron Walls with wood Sash and Glass	Asphalt and/or Asbestos Protected Metal on Steel Frame
Brick Veneered on Wood Frame (Other Types of Veneered on Wood Frame Specifically Noted)	Metal & Sash Glass	Asbestos Clad on Wood Frame, Noted in Non-Residential Structures only.	Stucco, Cement Plaster, Etc. on Steel Frame	Asphalt and/or Asbestos Protected Metal on Wood Frame
Mixed Masonry & Non-Masonry (Type of Masonry Specifically Noted)	Metal Clad on Wood Frame	Mixed Wall--(9' of CB with Metal Sash Above	Gunitite on Steel Frame	Glass Panels
Wood, Brick Lined, Br. Filled & Brick Nogged	Iron Building	Metal Panels		

FIRE PROTECTION

Fire Department Connection	Single Hydrant	Frame Enclosed Elevator with Self Closing Traps	2 Stories & Basement
Automatic Sprinklers throughout contiguous sections of single risk	Double Hydrant	Concrete Block Enclosed Elevator with Traps	1st Floor Occupied by Store
Automatic Sprinklers all floors of building	Triple Hydrant	Tile Enclosed Elevator with self closing Traps	2 Residential Units above 1st
Automatic Sprinklers in part of building only (Note under Symbol indicates protected portion of building)	Quadruple Hydrant of the High Pressure Service	Brick Enclosed Elevator with wired Glass Door	Auto in Basement
Not Sprinklered	Water Pipes of the High Pressure Service as shown on Key Map	Open Hoist	Drive or Passageway
Automatic Chemical Sprinklers	Public Water Service	Hoist with Traps	Wood Shingle Roof.
Chemical Sprinklers in part of building only (Note under Symbol indicated protected portion of building)	Private Water Service	Open Hoist Basement to 1st	Iron Chimney
Vertical Pipe or Stand Pipe		Stairs	Iron Chimney (with spark arrestor)
Automatic Fire Alarm			Vertical Steam Boiler
Water Tank			Horizontal Steam Boiler
Outside Vertical Pipe on fire Escape			Width of Street between Block Lines, not Curb Lines
Fire Alarm Box			Ground Elevation
Noted "HPFS" on High Pressure Fire Service			House numbers nearest to Buildings are Official or Actually up on Buildings. Old house numbers are farthest from Buildings
			Reference Adjoining Page
			Block Number
			Fire Department as shown on Key Map
			Vac. or V. - Vacant
			Vac. & Op. or V.-O. - Vacant & Open

LAND USE APPLICABLE TO CHANGES DIAGRAMMED AFTER			
R	RESIDENTIAL	M	MANUFACTURING
RT	RESIDENTIAL TRANSIENT	P	PUBLIC OR INSTITUTIONAL
C	COMMERCIAL	U	UTILITY
W	WAREHOUSE	T	TRANSPORTATION

NUMERICAL PREFIX INDICATES THE NUMBER OF ESTABLISHMENTS IN EACH CATEGORY

24

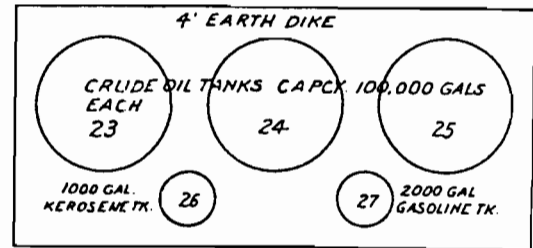
5

KEY

1. FIRE PROOF CONSTRUCTION (OR FIRE RESISTIVE CONSTRUCTION) 2. ADobe building 3. Stone building 4. Concrete, lime, cinder or cement brick 5. Hollow concrete or cement block construction 6. Concrete or reinforced concrete construction 7. Tile building 8. Brick building with frame cornice 9. Brick veneered building 10. Frame building, brick lined 11. Frame residential building 12. Iron building 13. Tenant building occupied by various manufacturing or occupancies 14. Frame building covered with asbestos 15. Brick building with brick or metal cornice 16. Fire wall 6 inches above roof 17. Wall without opening and size in inches 18. Wall with openings on floors as designated 19. Opening with single iron or tin clad door 20. Opening with double iron or tin clad doors 21. Opening with standard fire doors 22. Openings with wired glass doors 23. Drive or passage way 24. Stable 25. Auto House or private garage 26. Solid brick with interior walls of C.B. or C.B. and brick mixed 27. Mixed construction of C.B. and brick with one wall of solid brick 28. Mixed construction of C.B. and brick with one wall faced with 4" brick 29. Mixed construction of C.B. and brick throughout	1. Fire proof construction (or fire resistive construction) 2. Adobe building 3. Stone building 4. Concrete, lime, cinder or cement brick 5. Hollow concrete or cement block construction 6. Concrete or reinforced concrete construction 7. Tile building 8. Brick building with frame cornice 9. Brick veneered building 10. Frame building, brick lined 11. Frame residential building 12. Iron building 13. Tenant building occupied by various manufacturing or occupancies 14. Frame building covered with asbestos 15. Brick building with brick or metal cornice 16. Fire wall 6 inches above roof 17. Wall without opening and size in inches 18. Wall with openings on floors as designated 19. Opening with single iron or tin clad door 20. Opening with double iron or tin clad doors 21. Opening with standard fire doors 22. Openings with wired glass doors 23. Drive or passage way 24. Stable 25. Auto House or private garage 26. Solid brick with interior walls of C.B. or C.B. and brick mixed 27. Mixed construction of C.B. and brick with one wall of solid brick 28. Mixed construction of C.B. and brick with one wall faced with 4" brick 29. Mixed construction of C.B. and brick throughout

TANKS

Gasoline Tank



OG.T



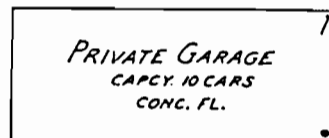
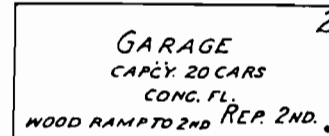
10,000 GAL STEEL WT. ELEV. TO ABV. GRD.

FUEL OIL LINE



Fire Cistern

CISTERN



CODING OF STRUCTURAL UNITS FOR FIREPROOF AND NON-COMBUSTIBLE BUILDINGS

FRAMING		FLOORS		ROOF	
CODE	STRUCTURAL UNIT	CODE	STRUCTURAL UNIT	CODE	STRUCTURAL UNIT
A.	Reinforced Concrete Frame.	1.	Reinforced Concrete.	a.	Reinforced Concrete.
B.	Reinforced Concrete Joists, Columns, Beams, Trusses, Arches, Masonry Piers.		Reinforced Concrete with Masonry Units.		Reinforced Concrete with Masonry Units.
C.	Protected Steel Frame.		Pre-cast Concrete or Gypsum Slabs or Planks.		Reinforced Gypsum Concrete. Pre-cast Concrete or Gypsum Slabs or Planks.
D.	Individually Protected Steel Joists, Columns, Beams, Trusses, Arches.	2.	Concrete or Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.	b.	Concrete or Gypsum on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.
E.	Indirectly Protected Steel Frame.				
F.	Indirectly Protected Steel Joists, Columns, Beams, Trusses, Arches.	3.	Open Steel Deck or Grating.	c.	Incombustible Composition Boards with or without Insulation. Masonry or Metal Tiles.
G.	Unprotected Steel Frame.			d.	Steel Deck, Corrugated Metal or Asbestos Protected Metal with or without Insulation.
H.	Unprotected Steel Joists, Columns, Beams, Trusses, Arches.				
O.	Masonry Bearing Walls.				

LAND USE APPLICABLE TO CHANGES DIAGRAMMED AFTER 5/69			
R	RESIDENTIAL	M	MANUFACTURING
RT	RESIDENTIAL-TRANSIENT	P	PUBLIC OR INSTITUTIONAL
C	COMMERCIAL	U	UTILITY
W	WAREHOUSE	T	TRANSPORTATION

NUMERICAL PREFIX INDICATES THE NUMBER OF ESTABLISHMENTS IN EACH CATEGORY

The coding for framing, floor and roof structural units as shown above is used in describing the construction of fire-resistive buildings. In addition, reports for fire resistive buildings will show the date built and wall construction other than brick.

F P Buildings have masonry floors and roof; concrete and/or directly or indirectly protected steel framing; and clay brick, stone or poured concrete walls. F P X buildings are F P buildings with inferior walls such as concrete block, cement brick, metal or glass panels, etc.

N C buildings have unprotected steel framing and fire-resistive but non-masonry floors and roof.

F P-1962
(CONC.)
A-1-a

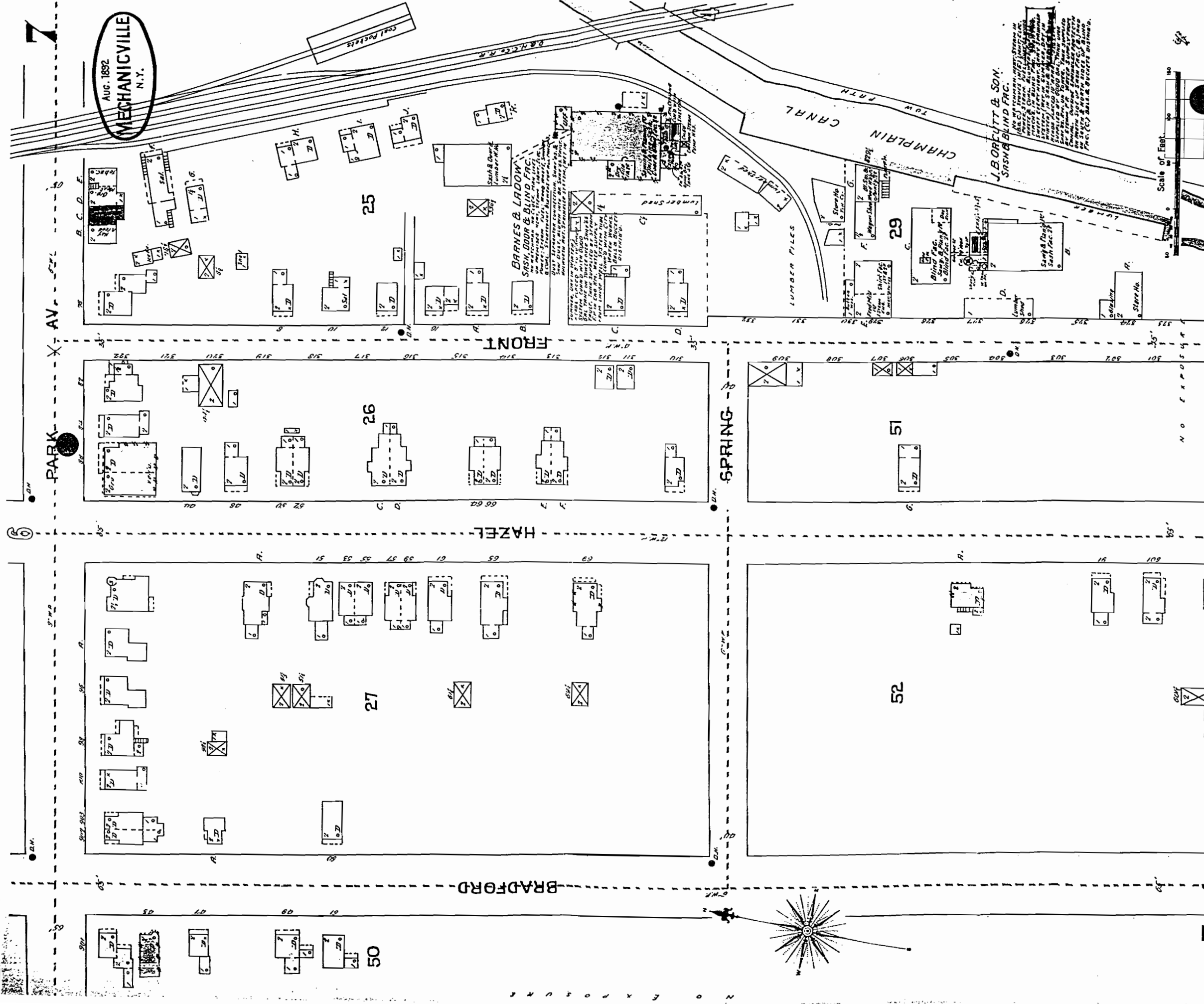
A fire-resistive building built in 1962 with concrete walls and reinforced concrete frame, floors, and roof.

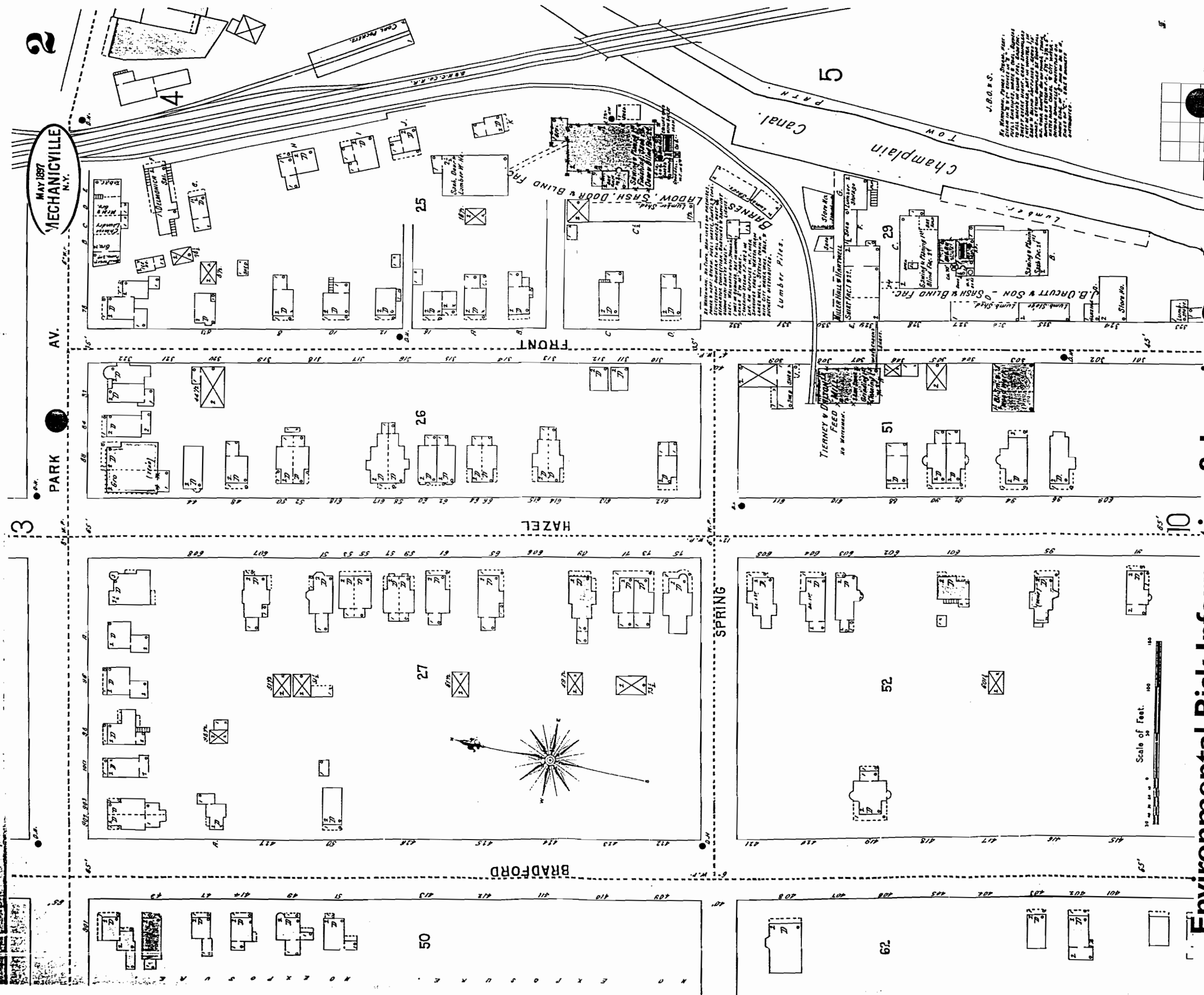
F P-1962
(METAL PANELS)
E-2-b

A fire-resistive building built in 1962 with metal panel walls, indirectly protected steel frame, concrete floors and roof on metal lath, noncombustible ceilings.

NC-1962
(CONC.)
H-2-d

A noncombustible building built in 1962 with concrete block walls; unprotected steel columns and beams; concrete floors on metal lath and steel deck roof.

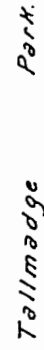




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SANBORN

1897



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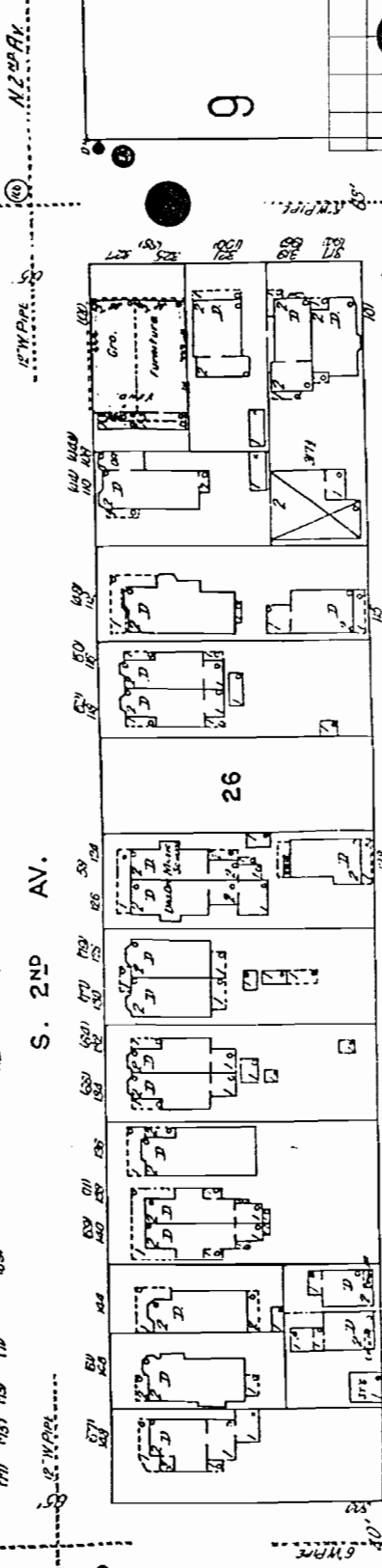
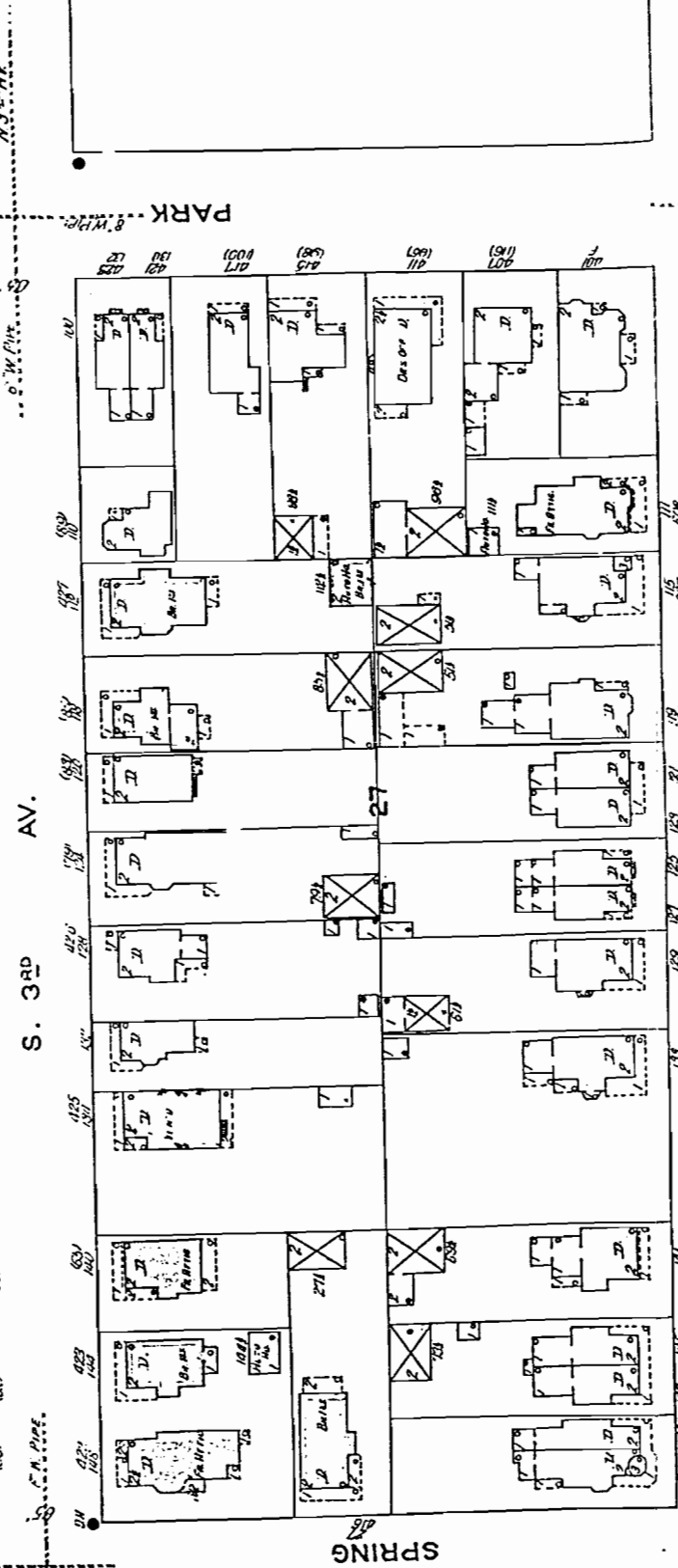
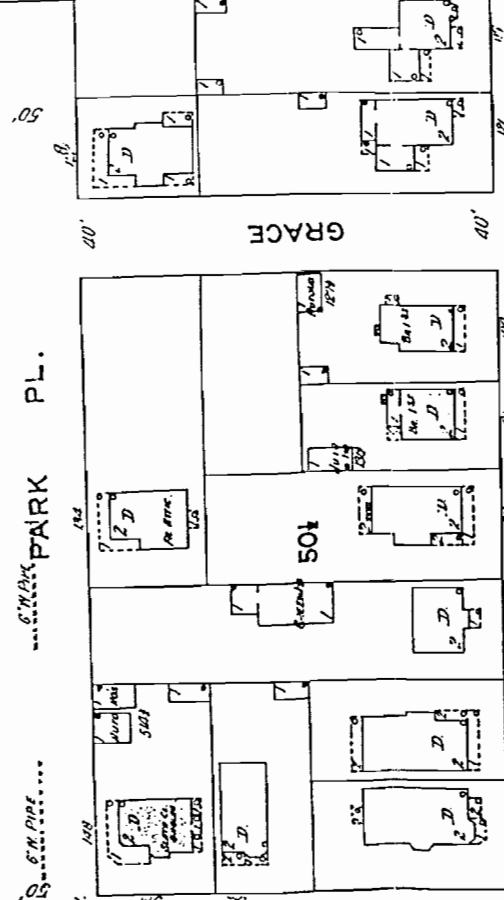
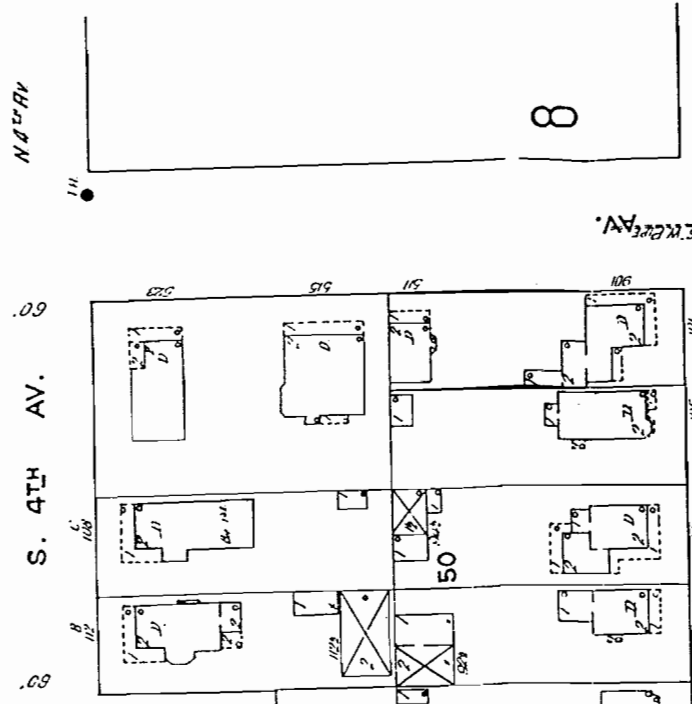
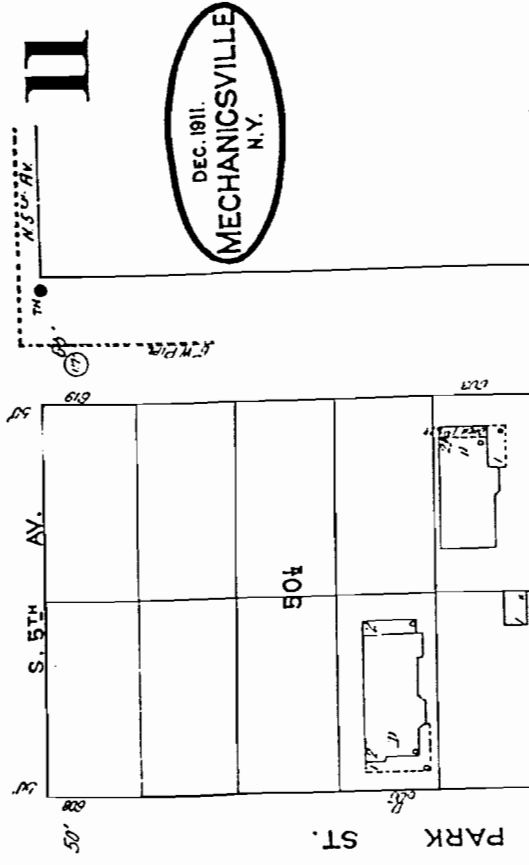
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1964



TRILLMADGE PARK

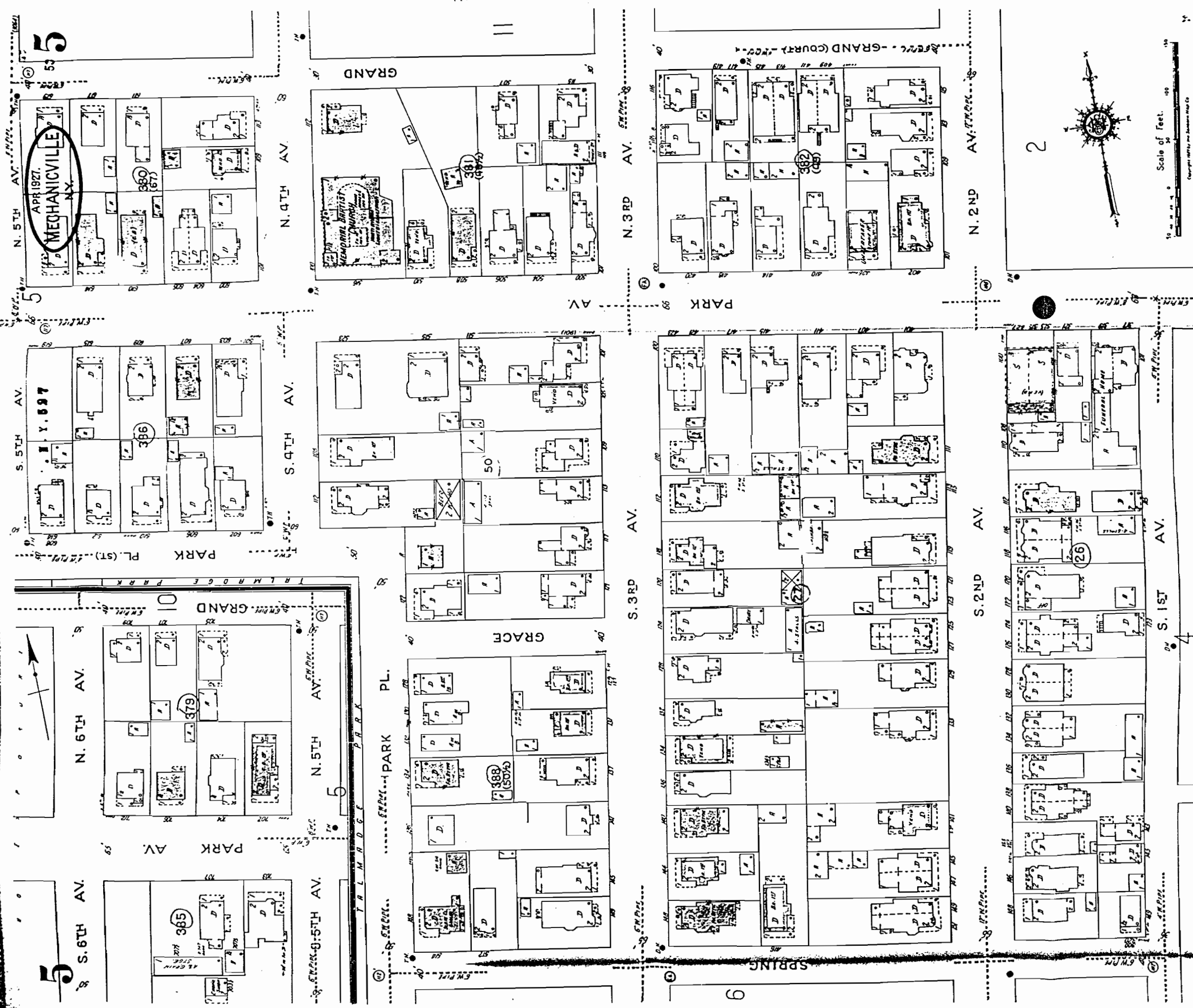


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1911



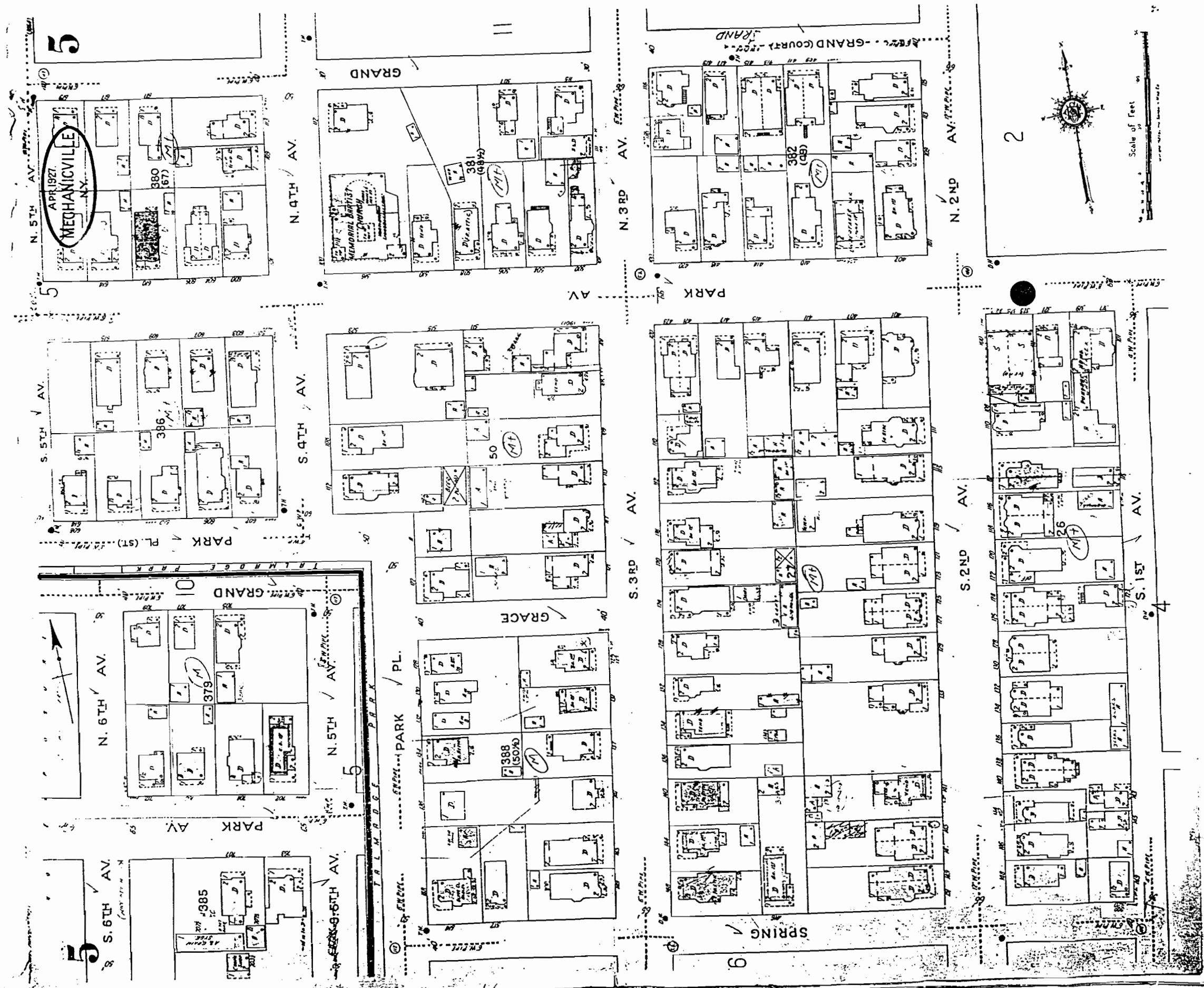
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1949



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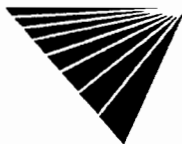
1962

REFERENCE 8

SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: PSA II- Camarot Camarota Cleaners 323 Park Avenue Mechanicville, NY 12118 Latitude/Longitude: (42.903218, 73.691268)	Anthony Liparidis LMS Engineering 1 Blue Hill Plaza Pearl River, NY 10965

Site Distribution Summary	within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
Agency / Database - Type of Records				
A) Databases searched to 1 mile:				
US EPA NPL National Priority List	0	0	1	0
US EPA CORRACTS RCRA Corrective Actions	0	0	0	0
STATE SPL State equivalent priority list	0	1	1	0
B) Databases searched to 1/2 mile:				
STATE SCL State equivalent CERCLIS list	0	0	0	-
US EPA CERCLIS / Sites currently or formerly under review NFRAP by US EPA	0	1	1	-
US EPA TSD RCRA permitted treatment, storage, disposal facilities	0	0	0	-
STATE REG LUST Leaking Underground Storage Tanks CO	4	2	4	-
STATE/ SWLF Permitted as solid waste landfills, REG/CO incinerators, or transfer stations	0	0	0	-
USGS/STATE WATER Federal and State Drinking Water WELLS Sources	0	0	0	-
C) Databases searched to 1/4 mile:				
US EPA RCRA Viol RCRA violations/enforcement actions	0	0	-	-
US EPA TRIS Toxic Release Inventory database	0	0	-	-
STATE UST/AST Registered underground or aboveground storage tanks	9	5	-	-



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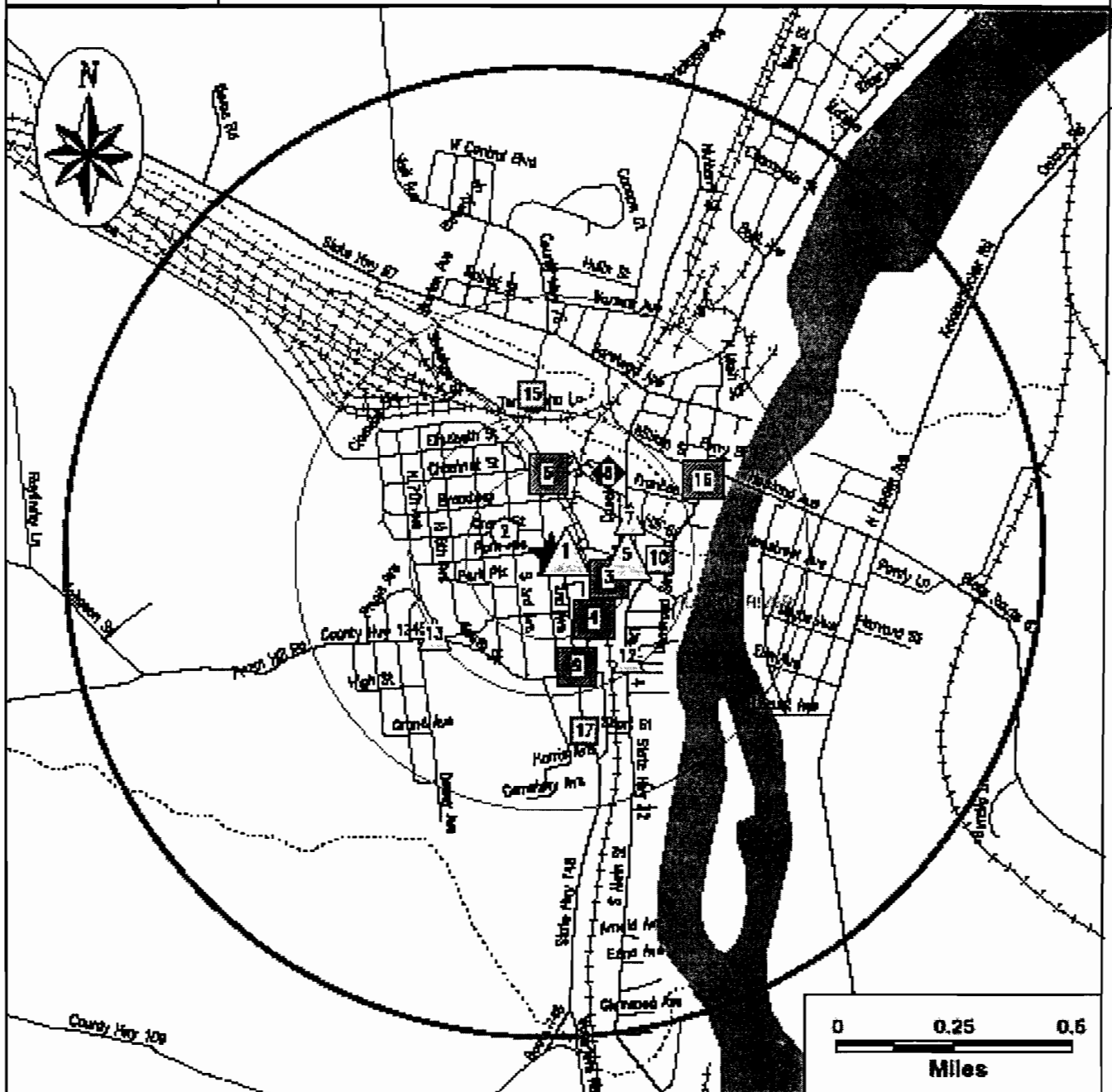
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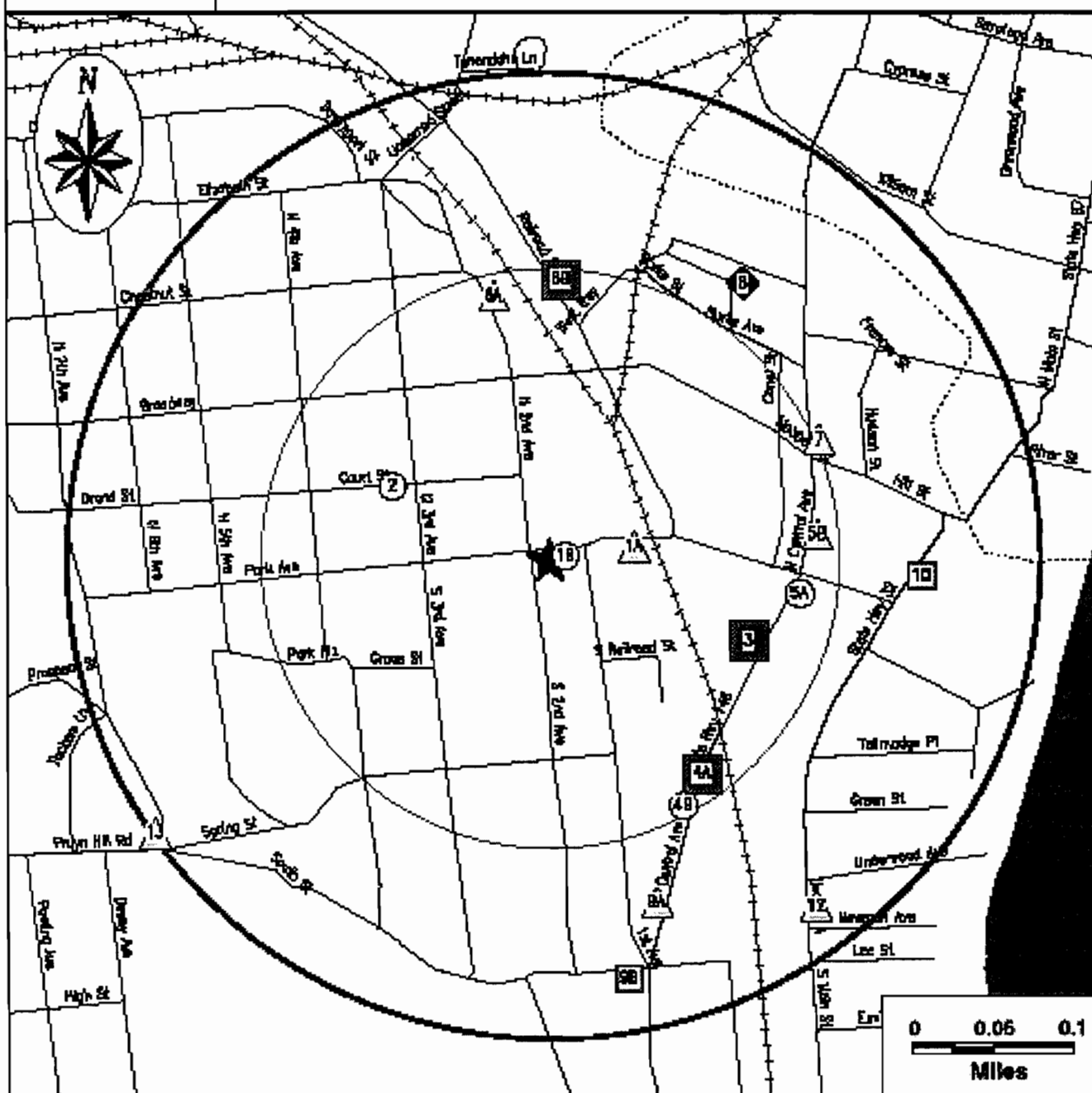
SITE ASSESSMENT PLUS REPORT

Map of Sites within One Mile



Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	■	△	○
	Multiple Sites	◆	■	△	○
~~	Highways and Major Roads	NPL, SPL, CORRACTS (TSD)	CERCLIS, NFRAP, TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS
~~	Roads				
~~	Railroads				
~~	Rivers or Water Bodies				
~~	Utilities				

* additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.



Subject Site 	Category: Databases Searched to: Single Sites Multiple Sites	A 1 mi.  	B 1/2 mi.  	C 1/4 mi.  	D 1/8 mi.  
 Highways and Major Roads  Roads  Railroads  Rivers or Water Bodies  Utilities	NPL, SPL, CORRACTS (TSD) CERCLIS, NFRAP, TSD, LUST, SWLF, SOL RCRA VIOL, TRIS, UST ERNS, GENERATORS If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.				

Report ID: 819206901

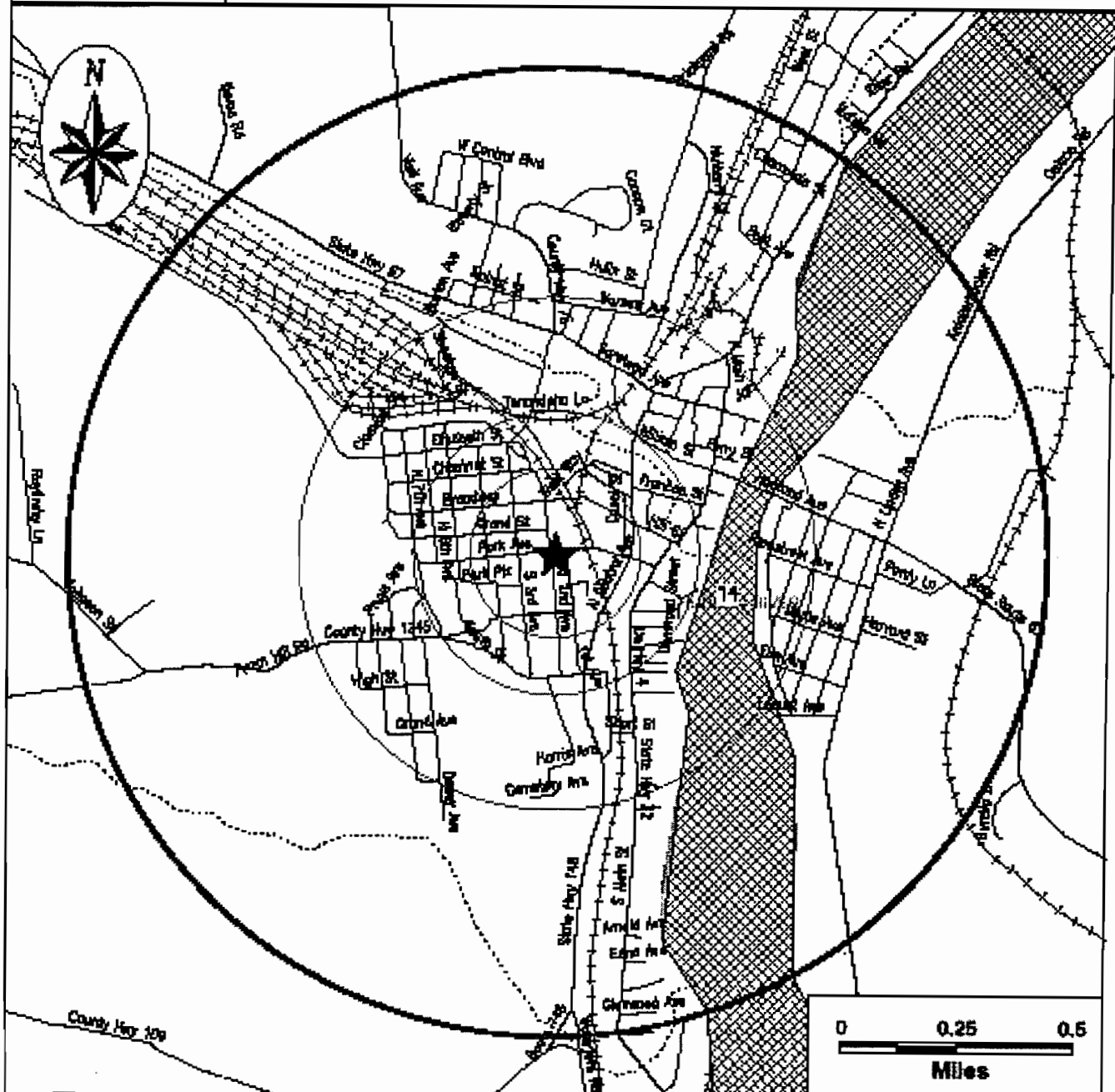
Date of Report: August 11, 1999

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SITE ASSESSMENT PLUS REPORT

Sites Represented as Polygons



These boundaries are approximated from agency records or other sources such as published maps. They may represent property boundaries, impact zones, or study areas. For more information contact the agency referenced by source number in the site listing.



Subject Site

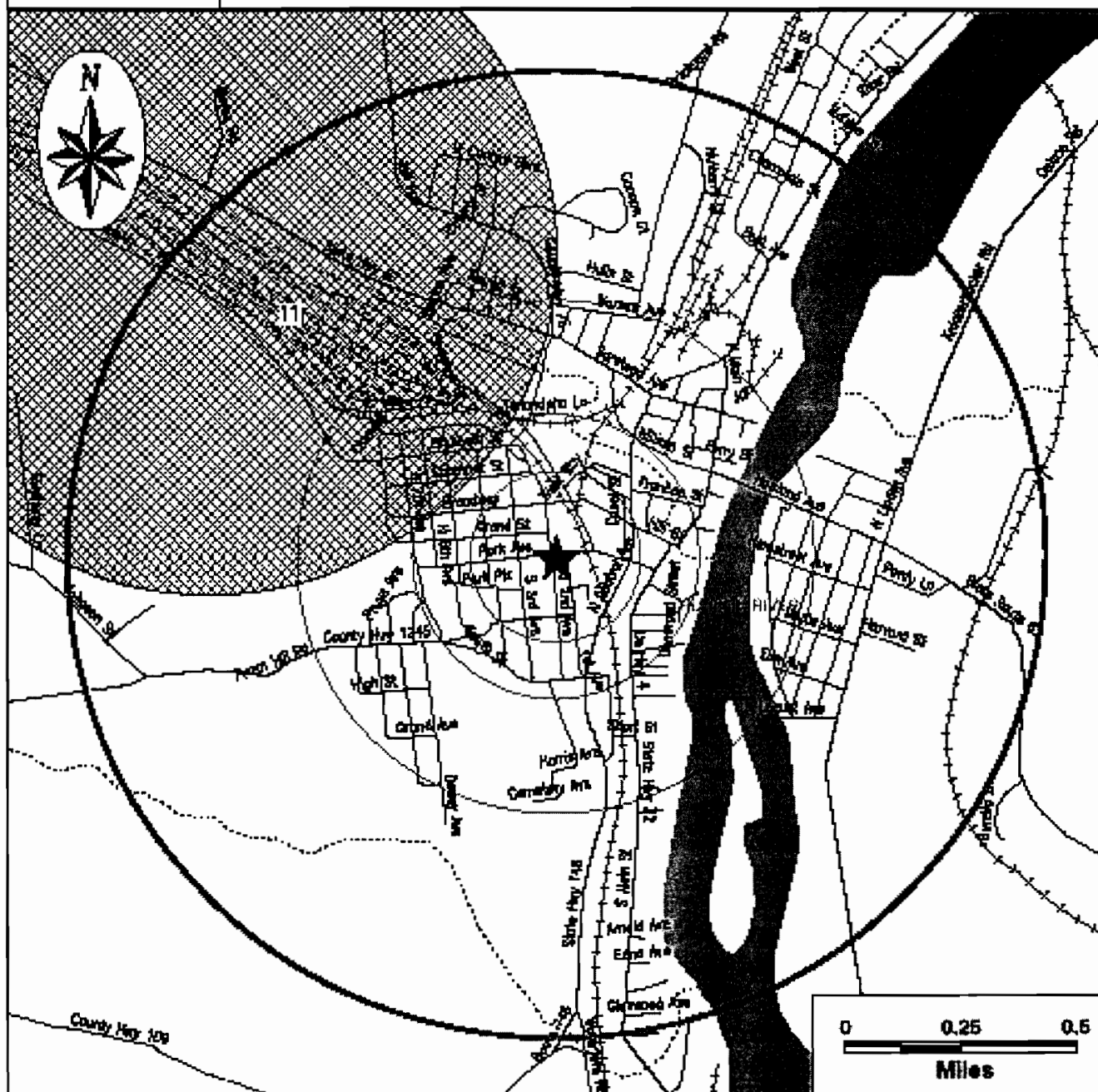


Highways and Major Roads
Roads
Railroads
Rivers or Water Bodies
Utilities



SITE ASSESSMENT PLUS REPORT

Sites Represented as Radius Buffers



These radii are estimated from agency records or detailed street maps. The radii may be based on the furthest boundary of each property or study area from its center. For more information contact the agency referenced by source number in the site listing.



Subject Site

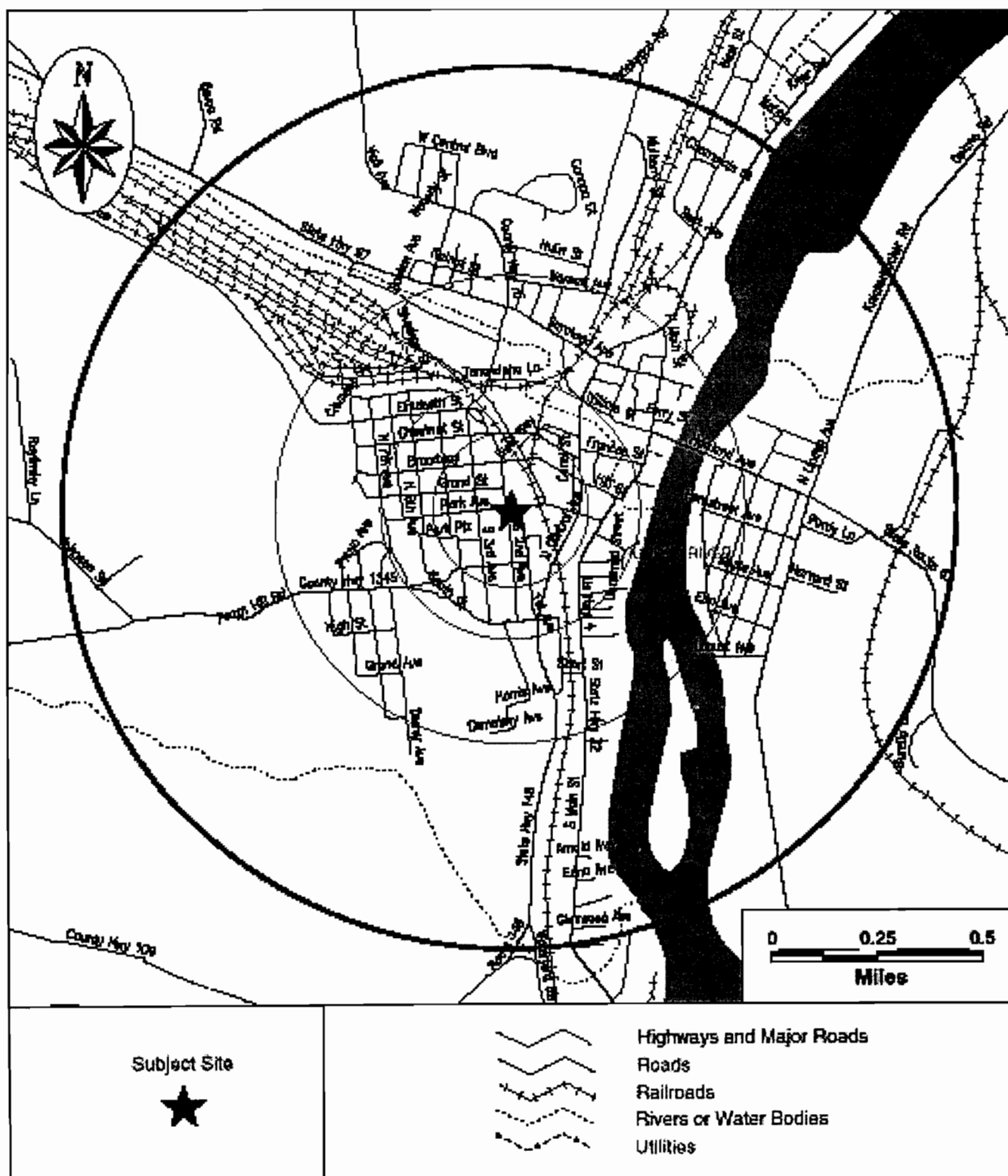


Highways and Major Roads
Roads
Railroads
Rivers or Water Bodies
Utilities



SITE ASSESSMENT PLUS REPORT

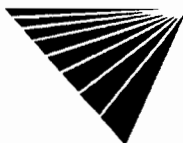
Street Map



SITE ASSESSMENT PLUS REPORT

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A			B				C			D			
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
1A	STEWART'S ICE CREAM CO #258 301 PARK STREET MECHANICVILLE, NY 12118	3649521 0.00 MI NA											X			
1B	CAMARATA CLEANERS 325 PARK AVE MECHANICVILLE, NY 12118	66787 0.00 MI NA													X	X
2	PHOENIX RESIDENCE 516 GRAND STREET MECHANICVILLE, NY 12118	1350560 0.05 MI W														X
3	SUNOCO SERVICE STATION 18 SO CENTRAL AVE MECHANICVILLE, NY 12118	409507 0.08 MI E							X				X		X	
3	XTRA MART #1477 - MECHANICVILLE 22 CENTRAL AVE MECHANICVILLE, NY 12118	6966136 0.08 MI E											X			
4A	HANEY'S AUTO SHOP 11 SO. CENTRAL AVE. MECHANICVILLE, NY 12118	11626173 0.10 MI SE											X			
4A	BRAMSKI PROPERTY 15 SOUTH CENTRAL AVE MECHANICVILLE, NY 12118	6966135 0.10 MI SE														X
4A	IZZO'S CHRYSLER PLYMOUTH, INC. 12 SOUTH CENTRAL AVENUE MECHANICVILLE, NY 12118	6966134 0.11 MI SE											X			
4A	IZZO'S CHRYS PLY 12 SO CENTRAL AVE MECHANICVILLE, NY 12118	213202 0.11 MI SE													X	
4A	KEARNEY'S GARAGE 18 SOUTH CENTRAL AVE MECHANICVILLE, NY 12118	739477 0.12 MI SE							X				X			
4B	MECHANICVILLE PUBLIC WORK 31 SOUTH CENTRAL AVENUE MECHANICVILLE, NY	7375378 0.12 MI SE														X
5A	EXTRA MART 22 CENTRAL AV MECHANICVILLE, NY 12118	6766835 0.10 MI E														X
5B	NEW YORK TELEPHONE 34-38 NO CENTRAL MECHANICVILLE, NY 12118	754484 0.11 MI E											X			



X = search criteria; • = tag-along (beyond search criteria).

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MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A			B				C			D			
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
6A	AUTOHOUSE INC. 258 NO 2ND AVE MECHANICVILLE, NY 12118	6570471 0.11 MI N											X			
6B	GA BOVE AND SONS, INC. 76 RAILROAD ST MECHANICVILLE, NY 12118	770769 0.12 MI N							X				X			X
6B	BOVE' SONS INC. 76 RAILROAD ST. MECHANICVILLE, NY 12118	5319141 0.12 MI N							X							

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A			B				C			D			
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
7	GETTY REALTY CORP 58570 60 CENTRAL AVE MECHANICVILLE, NY 12118	748716 0.13 MI E											X		•	•
8	NYSEG - MECHANICVILLE COAL GAS CENTRAL AVENUE MECHANICVILLE, NY 12118	1263437 0.16 MI NE			X											
9A	CUMBERLAND FARMS #3122 77 S CENTRAL AVE MECHANICVILLE, NY 12118	740537 0.17 MI SE										X			•	•
9B	STEWART'S B B SHOP 246 SOUTH STREET MECHANICVILLE, NY 12118	5704279 0.21 MI S						X								
10	MECHANICVILLE SCHOOL DIST 10 N MAIN ST MECHANICVILLE, NY 12118	748838 0.18 MI E						X				X			•	•
11	DH, BM, RAILROAD YARD ROUTE 67 MECHANICVILLE, NY 12118	120934 0.19 MI NA					X									
12	AMERICAN TISSUE MILL OF NY 510 S MAIN ST MECHANICVILLE, NY 12118	6523471 0.22 MI SE										X			•	
13	GENE T. COOK (COOK ADULT HOME) 1 PROSPECT STREET MECHANICVILLE, NY 12118	4594983 0.25 MI SW										X				



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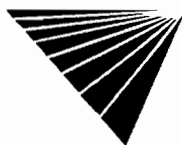
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D			
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS
14	HUDSON RIVER PCB SEDIMENTS HUDSON RIVER BETWEEN FT. EDWARD AND GLENS FALLS, NY 12801	3619753 0.27 MI	X		X		X										
15	CANADA DRY 26 VAIL STREET MECHANICVILLE, NY 12118	2738994 0.29 MI N							X								
16	CLOVER LEAF TAVERN 87 N. MAIN ST. MECHANICVILLE, NY 12118	7232646 0.30 MI E							X								
16	PRICE CHOPPER 96 NO. MAIN STREET MECHANICVILLE, NY 12118	2728534 0.31 MI E							X								•
17	AMANN'S AMANN'S 223 S. CENTRAL AV MECHANICVILLE, NY 12118	3831588 0.33 MI S							X								

MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D			
			NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS
No Records Found																	



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UNMAPPED SITES	VISTA ID	A			B					C			D			
		NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS
CITY OF MECHANICVILLE NY DPW SO CENTRAL AVE MECHANICVILLE, NY 12118	749513											X				
LANES SERVICE STATION SO CENTRAL AVE MECHANICVILLE, NY 12118	744268											X				
MECHANICVILLE SERVICE GARAGE CENTRAL AVE MECHANICVILLE, NY 12118	740880											X				
NYSEG, MECHANICVILLE N. CENTRAL AVE MECHANICVILLE, NY 12118	304661				X	X										
MECHANICVILLE HOUSING AUTHORITY HARRIS AVENUE MECHANICVILLE, NY 12118	749989											X				
ST.PAULS CHURCH NORTH MAIN ST MECHANICVILLE, NY 12118	760757							X				X				
CENTRAL FIRE HOUSE NORTH MAIN STREET MECHANICVILLE, NY 12118	772360											X				
MECHANICVILLE YARD NOT LISTED MECHANICVILLE, NY 12118	5082189											X				
COLLINS CONSTRUCTION ROUTE 67 MECHANICVILLE, NY 12118	3860563							X								
DA COLLINS RT 67 MECHANICVILLE, NY 12118	3860573							X								X
ATLANTIC RD# 2, ROUTE 146 MECHANICVILLE, NY 12118	771939											X				
CHURCH OF THE ASSUMPTION WILLIAMS STREET MECHANICVILLE, NY 12118	2740398							X								
MECHANICVILLE H.S. KNISKERN ROAD MECHANICVILLE, NY 12118	2723333							X								
SARATOGA COUNTY SEWER DIST #1 ROUTES 4 32 MECHANICVILLE, NY 12118	769119											X				
CONVENIENT FOOD - BONFARE ROUTE 4 MECHANICVILLE, NY 12118	5161814							X								



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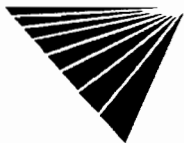
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UNMAPPED SITES	VISTA ID	A			B				C			D				
		NPL	CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR	SPILLS
NEW COUNTRY PONTIAC RT 146 MECHANICVILLE, NY 12118	294108						X									X
SARATOGA CO SEWER PLANT RT 4 RT 32 MECHANICVILLE, NY 12118	6439270						X									X
VOSBURG TRAILER PARK LOT 41 MECHANICVILLE, NY 12118	6967414						X									
CAPITAL EQUIPMENT CO. SO. MAIN ST. MECHANICVILLE, NY 12118	777547											X				
POLYSET CO INC EAST ST - 200 FT FROM BEST ST MECHANICVILLE, NY 12118	4875261									X					X	
MECHANICVILLE DPW CENTRAL AVENUE MECHANICVILLE, NY 12118	6569921						X									
MECHANICVILLE T.S. INDUSTRIAL PARK COMPLEX MECHANICVILLE, NY 12118	6683010							X								
D A COLLINS CONSTRUCTION CO IN ROUTE 67 WEST OF MECHANICVILLE MECHANICVILLE, NY 12118	3643628											X				
MECHANICVILLE LF LOWER NEWTON RD MECHANICVILLE, NY 12118	266322				X											
BOSTON MAINE RAILROAD ELIZABETH STREET MECHANICVILLE, NY 12118	770991											X				
RALOID TOOL CO., INC. ROUTE 146 MECHANICVILLE, NY 12118	3860110											X				
WILLIAM J. DYER SONS INC. RIVER RD. MECHANICVILLE, NY 12118	3654085											X				
THE KING SERVICE, INC. ROUTE 67 I-87 MECHANICVILLE, NY 12118	7822544											X				
POLYSET COMPANY PO BOX 111 MECHANICVILLE, NY 12118	7823164						X									
POLYSET COMPANY, INC. P.O. BOX 100 MECHANICVILLE, NY 12118	749535											X				
MECHANICVILLE RAILROAD TERMINAL MECHANICVILLE, NY 12118	2489407											X				



X = search criteria; • = tag-along (beyond search criteria).

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SITE ASSESSMENT PLUS REPORT

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

VISTA Address*:	STEWART'S ICE CREAM CO #258 301 PARK STREET MECHANICVILLE, NY 12118	VISTA ID#:	3649521
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point

Map ID

1A

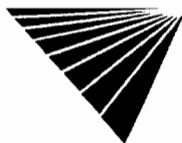
STATE UST - State Underground Storage Tank / SRC# 5938		Agency ID:	5-228125
Agency Address:		SAME AS ABOVE	
Underground Tanks:		4	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	
Tank ID:	001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	13	Tank Piping:	STEEL/IRON
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	13	Tank Piping:	STEEL/IRON
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	13	Tank Piping:	STEEL/IRON
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	004U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	13	Tank Piping:	STEEL/IRON
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL

VISTA Address*:	CAMARATA CLEANERS 325 PARK AVE MECHANICVILLE, NY 12118	VISTA ID#:	66787
		Distance/Direction:	0.00 MI / NA
		Plotted as:	Point

Map ID

1B

RCRA-LgGen - RCRA-Large Generator / SRC# 5896		EPA ID:	NYD981076458
Agency Address:		SAME AS ABOVE	
Generator Class:		Generates at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).	
State Spills / SRC# 5936		EPA/Agency ID:	N/A
Agency Address:		CAMMARATTAS DRY CLEANERS 325 PARK AVE MECHANICVILLE, NY 9104582	
Spill ID#:		7/17/91	
Spill Date:		14:00	
Spill Time:			



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Region / District:	5
Caller Name:	SUSAN HOWARD
Caller Company:	ADIR. ENVIR. INVESTIGATOR
Caller Phone:	(518) 677-3958
Call / Report Date:	7/18/91
Call / Report Time:	09:30
Spiller Company:	CAMMARATTAS DRY CLEANERS
Spiller Name:	FRED CAMMARATTA
Spiller Address:	515 BROADWAY
Spiller City:	MECHANICVILLE
Spiller State:	NY
Spiller ZIP:	12118
Spiller Phone:	(518) 664-3362
Spill Cause:	UNKNOWN
Spill Source:	UNKNOWN
Corrective Action Date:	NOT REPORTED
Penalty:	0
Enforcement Date:	NOT REPORTED
Referral:	BJ
Investigation Complete:	NOT REPORTED
Evacuation:	2/4/
Injury:	NOT REPORTED
Latest Update:	94
Case Closed Date:	8/20/93
Death:	NOT REPORTED
Remedial Status:	CLOSED
Damages:	NOT REPORTED

VISTA Address*:	PHOENIX RESIDENCE 516 GRAND STREET MECHANICVILLE, NY 12118	VISTA ID#:	1350560
		Distance/Direction:	0.05 MI / W
		Plotted as:	Point

Map ID

2

State Spills / SRC# 5936	EPA/Agency ID:	N/A
Agency Address:	PHOENIX RESIDENCE 516 GRAND STREET MECHANICVILLE, NY 9005025	
Spill ID#:	7/3/90	
Spill Date:	12:00	
Spill Time:	5	
Region / District:	LEONARD PHOENIX	
Caller Name:	CITIZEN	
Caller Company:	(518) 664-4477	
Caller Phone:	8/6/90	
Call / Report Date:	19:38	
Call / Report Time:	PHOENIX RESIDENCE	
Spiller Company:	CHRISTOPHER SCHERANICK	
Spiller Name:	DENESS ROAD	
Spiller Address:	STILLWATER	
Spiller City:	(518) 664-8698	
Spiller Phone:		



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Spill Cause:	OTHER		
Spill Source:	PRIVATE DWELLING		
Corrective Action Date:	NOT REPORTED	Penalty:	0
Enforcement Date:	NOT REPORTED	Referral:	SL
Case Closed Date:	8/7/90	Death:	NOT REPORTED
		Remedial Status:	CLOSED
Damages:	NOT REPORTED		
Comments:	BAILER GOING TO BE REPLACED, COVERED WITH 2-3" OF ASBESTOS. TENANT VERY CONCERNED ABOUT REMOVAL, WANTS ASBESTOS PROPERTY REMOVED AND DISPOSED OF. SCHERONICK - LANDLORD.		

VISTA Address*:	SUNOCO SERVICE STATION 18 SO CENTRAL AVE MECHANICVILLE, NY 12118	VISTA ID#:	409507
		Distance/Direction:	0.08 MI / E
		Plotted as:	Point

Map ID

3

RCRA-LgGen - RCRA-Large Generator / SRC# 5896	EPA ID:	NYD000702704

Agency Address:	SAME AS ABOVE
Generator Class:	Generates at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRA-SmGen - RCRA-Small Generator / SRC# 5896	EPA ID:	NYD987018108

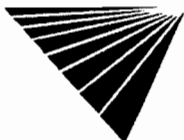
Agency Address:	KING FUELS SUNOCO 22 CENTRAL AVE MECHANICVILLE, NY 12118
Generator Class:	Generates 100 kg./month but less than 1000 kg./month of non-acutely hazardous waste

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937	EPA/Agency ID:	N/A

Agency Address:	KEARNEY SUNOCO 18 SO. CENTRAL AVE. MECHANICVILLE, NY 8709127
Leak ID#:	8709127
Leak Date:	1/26/88
Leak Report Date:	1/26/88
Case Closed Date:	1/7/89
Leak Cause:	UNKNOWN
Leak Source:	GROUNDWATER
Remediation Status:	CLOSED
Region / District:	5
Referral:	GB
Description / Comment:	RESPONSIBLE PARTY: KING FUELS, TROY, NY, CONTACT (IF AVAILABLE): (518) 274-4200 4K TANK SYSTEM FAILED PETROTITE - LEAK RATE - .4807 GPH. TO EXCAVATE, ISOLATE. RETEST. 1-19-88 RETEST FAILED - .8538 - TANK TO BE

STATE UST - State Underground Storage Tank / SRC# 5938	Agency ID:	5-143766

Agency Address:	JOE KEARNRYS SUNOCO 18 S CENTRAL AVE MECHANICVILLE, NY 12118		
Underground Tanks:	3		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	001U	Tank Status:	UNKNOWN
Tank Contents:	LEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

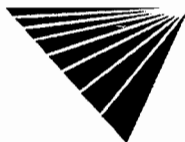
Tank ID:	002U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL

VISTA Address*:	XTRA MART #1477 - MECHANICVILLE 22 CENTRAL AVE MECHANICVILLE, NY 12118	VISTA ID#:	6966136
		Distance/Direction:	0.08 MI / E
		Plotted as:	Point
AST - Above Ground Storage Tank / SRC# 5938		Agency ID:	5-143863

Map ID

3

Agency Address:	SAME AS ABOVE		
Underground Tanks:	5		
Aboveground Tanks:	1		
Tanks Removed:	NOT REPORTED		
Tank ID:	001U	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	22	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	6000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002U	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	22	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	6000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	22	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	6000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	1018U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	3	Tank Piping:	UNKNOWN
Tank Size (Units):	8000 (GALLONS)	Tank Material:	OTHER DESCRIPTIONS
Tank ID:	1019U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	3	Tank Piping:	UNKNOWN
Tank Size (Units):	8000 (GALLONS)	Tank Material:	OTHER DESCRIPTIONS
Tank ID:	1020A	Tank Status:	CONVERTED TO UNREGULATED
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	3	Tank Piping:	COPPER
Tank Size (Units):	300 (GALLONS)	Tank Material:	CARBON STEEL



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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	HANEY'S AUTO SHOP 11 SO. CENTRAL AVE. MECHANICVILLE, NY 12118	VISTA ID#:	11626173
		Distance/Direction:	0.10 MI / SE
		Plotted as:	Point

Map ID

4A

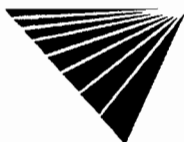
AST - Above Ground Storage Tank / SRC# 5938		Agency ID:	5-600479
Agency Address:	SAME AS ABOVE		
Underground Tanks:	3		
Aboveground Tanks:	1		
Tanks Removed:	NOT REPORTED		
Tank ID:	001A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	OTHER	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	FIBERGLASS REINFORCED PLASTIC
Tank Size (Units):	275 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002U	Tank Status:	TEMP OUT OF SERVICE
Tank Contents:	EMPTY	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	STEEL/IRON
Tank Size (Units):	500 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	TEMP OUT OF SERVICE
Tank Contents:	EMPTY	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	STEEL/IRON
Tank Size (Units):	500 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	004U	Tank Status:	TEMP OUT OF SERVICE
Tank Contents:	EMPTY	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	STEEL/IRON
Tank Size (Units):	500 (GALLONS)	Tank Material:	CARBON STEEL

VISTA Address*:	BRAMSKI PROPERTY 15 SOUTH CENTRAL AVE MECHANICVILLE, NY 12118	VISTA ID#:	6966135
		Distance/Direction:	0.10 MI / SE
		Plotted as:	Point

Map ID

4A

State Spills / SRC# 5936		EPA/Agency ID:	N/A
Agency Address:	BRAMSKI PROPERTY 15 SOUTH CENTRAL AVE MECHANICVILLE, NY 9510896		
Spill ID#:			
Spill Date:	11/29/95		
Spill Time:	13:00		
Region / District:	5		
Caller Name:	LARRY BRAMSKI		
Caller Company:	PROPERTY OWNER		
Caller Phone:	(518) 664-4652		
Call / Report Date:	11/29/95		
Call / Report Time:	15:58		
Contact Name:	LARRY BRAMSKI		
Contact Phone:	(518) 664-4652		
Spiller Company:	BRAMSKI PROPERTY		
Spiller Name:	DELEWARE AND HUDSON RR		



* VISTA address includes enhanced city and ZIP.

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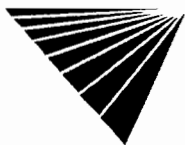
PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Spiller Address:	40 BEAVER ST.		
Spiller City:	ALBANY		
Spiller State:	NY		
Spiller ZIP:	12207-		
Substance:	#2 FUEL OIL		
Quantity Spilled:	0	Spilled Units:	GALLONS
		Quantity Recovered:	0
Recovered Units:	NOT REPORTED		
Spill Cause:	UNKNOWN		
Spill Source:	UNKNOWN		
Corrective Action Date:	NOT REPORTED	Penalty:	.1
Enforcement Date:	NOT REPORTED	Referral:	KM
		Investigation Complete:	NOT REPORTED
Evacuation:	3/17	Injury:	NOT REPORTED
Latest Update:	/99		
Case Closed Date:	12/7/98	Death:	NOT REPORTED
		Remedial Status:	CLOSED
Damages:	NOT REPORTED		
Comments:	DUNKIN' DONUTS IS BUILDING A NEW BUILDING ON SITE. WHILE DIGGING THE FOUNDATION, CALLER BELIEVES HE HIT A FUEL TANK; VERY STRONG SMELL OF FUEL OIL ABOUT 5' DOWN. REQ CALLBACK FROM DEC ASAP. HOME #518-233-6324.		

VISTA Address*:	IZZO'S CHRYSLER PLYMOUTH, INC. 12 SOUTH CENTRAL AVENUE MECHANICVILLE, NY 12118	VISTA ID#:	6966134
		Distance/Direction:	0.11 MI / SE
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 5938		Agency ID:	5-600392
Agency Address:	SAME AS ABOVE		
Underground Tanks:	3		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	001U	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	1000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002U	Tank Status:	CLOSED IN PLACE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	750 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	CLOSED IN PLACE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	550 (GALLONS)	Tank Material:	CARBON STEEL

Map ID

4A



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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	IZZO'S CHRYS PLY 12 SO CENTRAL AVE MECHANICVILLE, NY 12118	VISTA ID#:	213202
		Distance/Direction:	0.11 MI / SE
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 5896		EPA ID:	NYD012877171
Agency Address:		SAME AS ABOVE	
Generator Class:		Generates at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).	

Map ID

4A

VISTA Address*:	KEARNEY'S GARAGE 18 SOUTH CENTRAL AVE MECHANICVILLE, NY 12118	VISTA ID#:	739477
		Distance/Direction:	0.12 MI / SE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A

Map ID

4A

Agency Address:		KEARNEY'S GARAGE 18 SOUTH CENTRAL AVE MECHANICVILLE, NY	
Leak ID#:		9810330	
Leak Date:		11/16/98	
Leak Report Date:		11/16/98	
Who Reported:		DALE HITCHCOCK	
Leak Cause:		UNKNOWN	
Leak Source:		ON LAND	
Substance:		GASOLINE	
Quantity / Units:	1	Units:	GALLONS
Remediation Status:		OPEN	
Region / District:		5	
Referral:		AK	
Description / Comment:		RESPONSIBLE PARTY: KEARNEY'S GARAGE, 18 SOUTH CENTRAL AVE, MECHANICVILLE, NY, 12118- CONTACT (IF AVAILABLE): JOE KEARNEY, (518) 664-4356 REMOVED 3 YARDS OF CONTAMINATED SOIL FROM AROUND GAS PUMP - PUMPHAS BEEN REMOVED.	

STATE UST - State Underground Storage Tank / SRC# 5938		Agency ID:	5-014184
Agency Address:		KEARNEY'S SERVICE CENTER 18 SOUTH CENTRAL MECHANICVILLE, NY 12118	
Underground Tanks:		4	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	
Tank ID:	001U	Tank Status:	UNKNOWN
Tank Contents:	LEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	49	Tank Piping:	STEEL/IRON
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	49	Tank Piping:	STEEL/IRON
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	49	Tank Piping:	STEEL/IRON
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL



* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

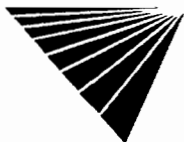
Tank ID:	004U	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	49	Tank Piping:	STEEL/IRON
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL

VISTA Address*:	MECHANICVILLE PUBLIC WORK 31 SOUTH CENTRAL AVENUE MECHANICVILLE, NY	VISTA ID#:	7375378
		Distance/Direction:	0.12 MI / SE
		Plotted as:	Point

Map ID

4B

State Spills / SRC# 5936		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Spill ID#:	9714080		
Spill Date:	3/1/98		
Region / District:	5		
Caller Name:	DANIEL ROBENS		
Caller Company:	MECHANICVILLE PUBLIC WORK		
Caller Phone:	(518) 664-7171		
Call / Report Date:	3/19/98		
Call / Report Time:	12:51		
Contact Name:	DANIEL ROBENS		
Contact Phone:	(518) 664-7171		
Spiller Company:	MECHANICVILLE PUBLIC WORK		
Spiller Name:	MECHANICVILLE PUBLIC WORK		
Spiller Address:	4 INDUSTRIAL PARK ROAD		
Spiller City:	MECHANICVILLE		
Spiller State:	NY		
Spiller ZIP:	12118-		
Spiller Phone:	(518) 664-7171		
Substance:	ARSENIC		
Quantity Spilled:	0	Spilled Units:	GALLONS
		Quantity Recovered:	0
Recovered Units:	NOT REPORTED		
Spill Cause:	HOUSEKEEPING		
Spill Source:	OTHER NON COMM/INSTITUTIONAL		
Corrective Action Date:	NOT REPORTED	Penalty:	0
Enforcement Date:	NOT REPORTED	Referral:	AK
		Investigation Complete:	NOT REPORTED
Evacuation:	3/16	Injury:	NOT REPORTED
Latest Update:	/99		
Remedial Status:	OPEN	Damages:	NOT REPORTED
Comments:	CONTAMINATION FOUND DURING PHASE II ASSESSMENT. TONY KARWIEL WAS NOTIFIED ALSO. REPORT TO FOLLOW.		



* VISTA address includes enhanced city and ZIP.

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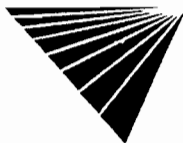
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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	EXTRA MART 22 CENTRAL AV MECHANICVILLE, NY 12118		VISTA ID#:	6766835
			Distance/Direction:	0.10 MI / E
			Plotted as:	Point
State Spills / SRC# 5936			EPA/Agency ID:	N/A
Agency Address:	EXTRA MART 22 CENTRAL AV MECHANICVILLE, NY 9610860			
Spill ID#:	12/3/96			
Spill Date:	11:00			
Spill Time:	5			
Region / District:	MIKE COLAPINTO			
Caller Name:	PASSARETTI GEOLOGAL			
Caller Company:	(518) 893-2019			
Caller Phone:	12/3/96			
Call / Report Date:	11:25			
Call / Report Time:	TOM MICHAEL			
Contact Name:	(914) 561-4019			
Contact Phone:	EXTRA MART			
Spiller Company:	MID VALLEY OIL			
Spiller Name:	NEW WINDSOR			
Spiller City:	NY			
Spiller State:	(914) 561-4019			
Spiller Phone:	GASOLINE			
Substance:	Quantity Spilled: 0	Spilled Units: GALLONS	Quantity Recovered: 0	
Recovered Units:	NOT REPORTED			
Spill Cause:	TANK OVERFILL			
Spill Source:	GASOLINE STATION			
Corrective Action Date:	NOT REPORTED	Penalty:	0	
Enforcement Date:	NOT REPORTED	Referral:	KM	
		Investigation Complete:	NOT REPORTED	
Evacuation:	12/9	Injury:	NOT REPORTED	
Latest Update:	/96			
Remedial Status:	OPEN	Damages:	NOT REPORTED	
Comments:	SOIL AROUND A TANK REMOVAL SITE TESTED POSITIVE FOR GASOLINE CONTAMINATION PROBABLY CAUSED BY TANK OVERFILLS OVER THE YEARS - CLEAN IS STILL IN PROGRESS			

Map ID

5A



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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	NEW YORK TELEPHONE 34-38 NO CENTRAL MECHANICVILLE, NY 12118	VISTA ID#:	754484
		Distance/Direction:	0.11 MI / E
		Plotted as:	Point

Map ID
5B

STATE UST - State Underground Storage Tank / SRC# 5938		Agency ID:	5-416533
Agency Address:		SAME AS ABOVE	
Underground Tanks:		3	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	
Tank ID:	001U	Tank Status:	CLOSED REMOVED
Tank Contents:	FUEL OIL	Leak Monitoring:	NO MONITOR
Tank Age:	45	Tank Piping:	STEEL/IRON
Tank Size (Units):	1000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002U	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	NO MONITOR
Tank Age:	33	Tank Piping:	STEEL/IRON
Tank Size (Units):	1000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	DIESEL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	4	Tank Piping:	UNKNOWN
Tank Size (Units):	500 (GALLONS)	Tank Material:	STEEL, FIBERGLASS COATED

VISTA Address*:	AUTOHOUSE INC. 258 NO 2ND AVE MECHANICVILLE, NY 12118	VISTA ID#:	6570471
		Distance/Direction:	0.11 MI / N
		Plotted as:	Point

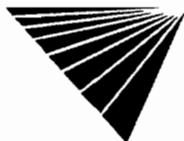
Map ID
6A

AST - Above Ground Storage Tank / SRC# 5938		Agency ID:	5-600340
Agency Address:		SAME AS ABOVE	
Underground Tanks:		NOT REPORTED	
Aboveground Tanks:		1	
Tanks Removed:		NOT REPORTED	
Tank ID:	78911A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	OTHER	Leak Monitoring:	MONITOR PRESENT
Tank Age:	10	Tank Piping:	NONE
Tank Size (Units):	225 (GALLONS)	Tank Material:	CARBON STEEL

VISTA Address*:	GA BOVE AND SONS, INC. 76 RAILROAD ST MECHANICVILLE, NY 12118	VISTA ID#:	770769
		Distance/Direction:	0.12 MI / N
		Plotted as:	Point

Map ID
6B

State Spills / SRC# 5936		EPA/Agency ID:	N/A
Agency Address:		GA BOVE AND SONS, INC. 76 RAILROAD ST MECHANICVILLE, NY 9803889	
Spill ID#:		6/26/98	
Spill Date:		15:00	
Spill Time:		5	
Region / District:			



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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Caller Name:	FRANK BOVE		
Caller Company:	GA BOVE AND SONS INC		
Caller Phone:	(518) 664-5111		
Call / Report Date:	6/26/98		
Call / Report Time:	15:50		
Contact Name:	FRANK BOVE		
Contact Phone:	(518) 664-5111		
Spiller Company:	GA BOVE AND SONS, INC.		
Spiller Name:	GA BOVE AND SONS, INC.		
Spiller Address:	76 RAILROAD ST		
Spiller City:	MECHANICVILLE		
Spiller State:	NY		
Spiller ZIP:	12118		
Spiller Phone:	(518) 664-5111		
Substance:	DIESEL		
Quantity Spilled:	0	Spilled Units:	GALLONS
		Quantity Recovered:	0
Recovered Units:	NOT REPORTED		
Spill Cause:	OTHER		
Spill Source:	OTHER COMM./INDUSTRIAL		
Corrective Action Date:	NOT REPORTED	Penalty:	0
Enforcement Date:	NOT REPORTED	Referral:	AK
		Investigation Complete:	NOT REPORTED
Evacuation:	3/12	Injury:	NOT REPORTED
Latest Update:	/99		
Case Closed Date:	3/11/99	Death:	NOT REPORTED
		Remedial Status:	CLOSED
Damages:	NOT REPORTED		
Comments:	DURING TANK REMOVAL 1/2 YARD OF CONTAMINATED SOIL FOUND		
State Spills / SRC#	5936	EPA/Agency ID:	N/A
Agency Address:	G A BOVE AND SONS 76 RAILROAD ST MECHANICVILLE, NY 9813807		
Spill ID#:	9813807		
Spill Date:	2/12/99		
Spill Time:	13:00		
Region / District:	5		
Caller Name:	MIKE TROMBLEY		
Caller Company:	G A BOVE SONS		
Caller Phone:	(518) 664-5111		
Call / Report Date:	2/12/99		
Call / Report Time:	14:28		
Contact Name:	FRANK BOVE		
Contact Phone:	(518) 664-5111		



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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Spiller Company:	G A BOVE AND SONS		
Spiller Name:	G A BOVE AND SONS		
Spiller Address:	76 RAILROAD ST		
Spiller City:	MECHANICVILLE		
Spiller State:	NY		
Spiller Phone:	(518) 664-5111		
Substance:	#2 FUEL OIL		
Quantity Spilled:	2	Spilled Units:	GALLONS
		Quantity Recovered:	0
Recovered Units:	NOT REPORTED		
Spill Cause:	EQUIPMENT FAILURE		
Spill Source:	OTHER COMM/INDUSTRIAL		
Inspection Date:	3/1/99	Priority:	NOT REPORTED
		Corrective Action Date:	NOT REPORTED
Penalty:	0		
Enforcement Date:	NOT REPORTED	Referral:	JE
		Investigation Complete:	NOT REPORTED
Evacuation:	3/4/	Injury:	NOT REPORTED
Latest Update:	99		
Remedial Status:	OPEN	Damages:	NOT REPORTED
Comments:	PIPE IS LEAKING. CONTAMINATED SNOW WILL BE REMOVED. A CONTAINMENT BOX WILL BE BUILT TO CONTAIN SPILL. IT APPEARS TO HAVE BEEN AN ON GOING PROBLEM, BUT IT IS BEING REPAIRED.		
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	G.A. BOVE SONS 76 RAILROAD ST. MECHANICVILLE, NY 5-428582		
Facility ID:	9405717		
Leak ID#:	7/27/94		
Leak Date:	7/27/94		
Leak Report Date:	PETER DANKELMAN		
Who Reported:	7/23/96		
Case Closed Date:	UNKNOWN		
Leak Cause:	ON LAND		
Leak Source:	KEROSENE		
Substance:			
Quantity / Units:	0	Units:	POUNDS
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	KM		
Description / Comment:	RESPONSIBLE PARTY: G.A. BOVE. CONTACT(IF AVAILABLE): (518) 664-5111SEE SPILL #9406041 #9405697		



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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	G.A. BOVE SONS 76 RAILROAD ST. MECHANICVILLE, NY 5-428582		
Facility ID:	9406041		
Leak ID#:	8/3/94		
Leak Date:	8/3/94		
Leak Report Date:	JOHN BOVE		
Who Reported:	6/30/97		
Case Closed Date:	UNKNOWN		
Leak Cause:	GROUNDWATER		
Leak Source:	KEROSENE		
Substance:			
Quantity / Units:	0	Units:	GALLONS
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	RH		
Description / Comment:	RESPONSIBLE PARTY: G.A. BOVE SONS, 76 RAILROAD STREET, MECHANICVILLE, NY, CONTACT (IF AVAILABLE): (518) 664-5111 KLEEN RESOURCES WILL REMOVE TANK.		
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	G. A. BOVE AND SONS 76 RAILROAD ST. MECHANICVILLE, NY 9503843		
Leak ID#:	6/28/95		
Leak Date:	6/28/95		
Leak Report Date:	PETER DANKELMAN		
Who Reported:	8/16/95		
Case Closed Date:	UNKNOWN		
Leak Cause:	AIR		
Leak Source:	GASOLINE		
Substance:			
Quantity / Units:	0	Units:	GALLONS
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	KM		
Description / Comment:	RESPONSIBLE PARTY: G. A. BOVE, CONTACT (IF AVAILABLE):		
AST - Above Ground Storage Tank / SRC# 5938		Agency ID:	5-428582
Agency Address:	G.A. BOVE SONS, INC. 76 RAILROAD STREET MECHANICVILLE, NY 12118		
Underground Tanks:	6		
Aboveground Tanks:	8		
Tanks Removed:	NOT REPORTED		
Tank ID:	001A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	27	Tank Piping:	STEEL/IRON
Tank Size (Units):	25000 (GALLONS)	Tank Material:	CARBON STEEL



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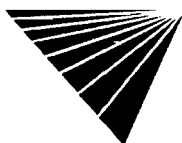
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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	002A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	27	Tank Piping:	STEEL/IRON
Tank Size (Units):	20000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	CLOSED REMOVED
Tank Contents:	KEROSENE	Leak Monitoring:	MONITOR PRESENT
Tank Age:	45	Tank Piping:	STEEL/IRON
Tank Size (Units):	15000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	004U	Tank Status:	CLOSED REMOVED
Tank Contents:	KEROSENE	Leak Monitoring:	MONITOR PRESENT
Tank Age:	17	Tank Piping:	STEEL/IRON
Tank Size (Units):	500 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	005U	Tank Status:	CLOSED REMOVED
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	16	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	2000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	006U	Tank Status:	CLOSED REMOVED
Tank Contents:	LEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	16	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	2000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	007U	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	16	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	1000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	008U	Tank Status:	CLOSED REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	21	Tank Piping:	STEEL/IRON
Tank Size (Units):	1000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	009A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	7	Tank Piping:	STEEL/IRON
Tank Size (Units):	25000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	010A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	7	Tank Piping:	STEEL/IRON
Tank Size (Units):	25000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	011A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	7	Tank Piping:	STEEL/IRON
Tank Size (Units):	25000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	012A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	KEROSENE	Leak Monitoring:	MONITOR PRESENT
Tank Age:	7	Tank Piping:	STEEL/IRON
Tank Size (Units):	20000 (GALLONS)	Tank Material:	CARBON STEEL



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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	013A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	DIESEL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	1	Tank Piping:	FIBERGLASS REINFORCED PLASTIC
Tank Size (Units):	3000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	014A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	1	Tank Piping:	COPPER
Tank Size (Units):	3000 (GALLONS)	Tank Material:	CARBON STEEL

VISTA Address*:	BOVE' SONS INC. 76 RAILROAD ST. MECHANICVILLE, NY 12118	VISTA ID#:	5319141
		Distance/Direction:	0.12 MI / N
		Plotted as:	Point

Map ID

6B

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	BOVE' SONS INC. 76 RAILROAD ST. MECHANICVILLE, NY 9405697		
Leak ID#:	7/27/94		
Leak Date:	7/27/94		
Leak Report Date:	7/27/94		
Who Reported:	PETE ANKELMAN		
Case Closed Date:	8/17/95		
Leak Cause:	UNKNOWN		
Leak Source:	ON LAND		
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	KM/AK		
Description / Comment:	RESPONSIBLE PARTY: G. A. BOVE SONS INC., 76 RAILROAD ST., MECHANICVILLE, NY, CONTACT (IF AVAILABLE): (518) 664-5111		

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:	GETTY REALTY CORP 58570 60 CENTRAL AVE MECHANICVILLE, NY 12118	VISTA ID#:	748716
		Distance/Direction:	0.13 MI / E
		Plotted as:	Point

Map ID

7

STATE UST - State Underground Storage Tank / SRC# 5938		Agency ID:	5-228532
Agency Address:	COCOZZO GETTY 60 N CENTRAL AVE MECHANICVILLE, NY 12118		
Underground Tanks:	5		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	001U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	3000 (GALLONS)	Tank Material:	CARBON STEEL



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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank ID:	002U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	3000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	2000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	004U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	2000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	005U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	2000 (GALLONS)	Tank Material:	CARBON STEEL
AST - Above Ground Storage Tank / SRC# 5938		Agency ID:	5-504653
Agency Address:	GETTY #58750 60 N. CENTRAL AVENUE MECHANICVILLE, NY 12118		
Underground Tanks:	4		
Aboveground Tanks:	1		
Tanks Removed:	NOT REPORTED		
Tank ID:	001U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	12	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	10000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	12	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	10000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	12	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	10000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	004U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	STEEL/IRON
Tank Size (Units):	550 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	005A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	OTHER	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	COPPER
Tank Size (Units):	550 (GALLONS)	Tank Material:	CARBON STEEL



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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

VISTA Address*:	NYSEG - MECHANICVILLE COAL GAS CENTRAL AVENUE MECHANICVILLE, NY 12118	VISTA ID#:	1263437
		Distance/Direction:	0.16 MI / NE
		Plotted as:	Point
SPL - State Equivalent Priority List / SRC# 5105		Agency ID:	546033
Agency Address:	SAME AS ABOVE		
Status:	UNKNOWN		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	Agency Code (AA /)		
Pollutant 1:	MISC. CHEMICALS		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		

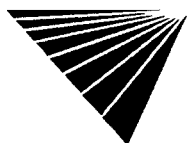
Map ID

8

VISTA Address*:	CUMBERLAND FARMS #3122 77 S CENTRAL AVE MECHANICVILLE, NY 12118	VISTA ID#:	740537
		Distance/Direction:	0.17 MI / SE
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 5938		Agency ID:	5-036544
Agency Address:	CUMBERLAND FARMS #3122 77 SO CENTRAL ST MECHANICVILLE, NY 12118		
Underground Tanks:	6		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	00AU	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	11	Tank Piping:	FIBERGLASS REINFORCED PLASTIC
Tank Size (Units):	8000 (GALLONS)	Tank Material:	FIBERGLASS REINFORCED PLASTIC
Tank ID:	00BU	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	11	Tank Piping:	FIBERGLASS REINFORCED PLASTIC
Tank Size (Units):	8000 (GALLONS)	Tank Material:	FIBERGLASS REINFORCED PLASTIC
Tank ID:	00CU	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	11	Tank Piping:	FIBERGLASS REINFORCED PLASTIC
Tank Size (Units):	8000 (GALLONS)	Tank Material:	FIBERGLASS REINFORCED PLASTIC
Tank ID:	001U	Tank Status:	UNKNOWN
Tank Contents:	LEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	6000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	4000 (GALLONS)	Tank Material:	CARBON STEEL

Map ID

9A



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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank ID:	003U	Tank Status:	UNKNOWN
Tank Contents:	UNLEADED GAS	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	6000 (GALLONS)	Tank Material:	CARBON STEEL

VISTA Address*:	STEWART'S B B SHOP 246 SOUTH STREET MECHANICVILLE, NY 12118	VISTA ID#:	5704279
		Distance/Direction:	0.21 MI / S
		Plotted as:	Point

Map ID

9B

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937	EPA/Agency ID:	N/A
Agency Address:	STEWART'S B B SHOP 246 SOUTH STREET MECHANICVILLE, NY 9502485	
Leak ID#:	9502485	
Leak Date:	5/30/95	
Leak Report Date:	5/30/95	
Who Reported:	CHAD FOWLER	
Case Closed Date:	6/22/95	
Leak Cause:	UNKNOWN	
Leak Source:	ON LAND	
Remediation Status:	CLOSED	
Region / District:	5	
Referral:	SM	
Description / Comment:	RESPONSIBLE PARTY: STEWARTS, 246 SOUTH STREET, MECHANICVILLE, CONTACT (IF AVAILABLE): (518) 664-8211	

VISTA Address*:	MECHANICVILLE SCHOOL DIST 10 N MAIN ST MECHANICVILLE, NY 12118	VISTA ID#:	748838
		Distance/Direction:	0.18 MI / E
		Plotted as:	Point

Map ID

10

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937	EPA/Agency ID:	N/A
Agency Address:	MECHANICVILLE ELEM SCHOOL 10 N. MAIN STREET MECHANICVILLE, NY 8605353	
Leak ID#:	8605353	
Leak Date:	11/22/86	
Leak Report Date:	11/22/86	
Who Reported:	BOB AMMZYSKY	
Case Closed Date:	4/28/88	
Leak Cause:	UNKNOWN	
Leak Source:	GROUNDWATER	
Substance:	#2 FUEL OIL	
Quantity / Units:	0	Units: GALLONS
Remediation Status:	CLOSED	
Region / District:	5	
Referral:	GB	
Description / Comment:	RESPONSIBLE PARTY: MECHANICVILLE ELEM SCHOOL, 10 N. MAIN STREET, MECHANICVILLE, NY. CONTACT (IF AVAILABLE): (518) 664-7375. 4396 GPH. LINE LEAK WILL BE RETESTED. RETEST AT H.S. O.K. TANK TO BE REPLACED BY SCHOOL.	



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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

STATE UST - State Underground Storage Tank / SRC# 5938		Agency ID:	5-230316
Agency Address:	MECHANICVILLE ELEMENTARY SCHOOL 10 NORTH MAIN STREET MECHANICVILLE, NY 12118		
Underground Tanks:	3		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1R1U	Tank Status:	UNKNOWN
Tank Contents:	LEADED GAS	Leak Monitoring:	NO MONITOR
Tank Age:	44	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	500 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	2H0U	Tank Status:	UNKNOWN
Tank Contents:	FUEL OIL	Leak Monitoring:	NO MONITOR
Tank Age:	44	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	25000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	3H0U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	12	Tank Piping:	STEEL/IRON
Tank Size (Units):	20000 (GALLONS)	Tank Material:	CARBON STEEL

VISTA Address*:	DH, BM, RAILROAD YARD ROUTE 67 MECHANICVILLE, NY 12118	VISTA ID#:	120934
		Distance/Direction:	0.19 MI / NA
		Plotted as:	Radius

Map ID

11

CERCLIS / SRC# 5790		EPA ID:	NYD982272916
Agency Address:	DH, BM, RAILROAD YARD ROUTE 67 HALFMOON/MECHANICVILLE, NY 12188		
EPA Region:	2		
Congressional District:	0		
Federal Facility:	Agency Code ()		
Facility Ownership:	UNKNOWN		
Site Incident Category:	unknown		
Federal Facility Docket:	SITE IS NOT INCLUDED ON THE DOCKET		
NPL Status:	NOT ON NPL		
Incident Type:	Unknown		
Proposed NPL Update #:	0		
Final NPL Update #:	0		
Financial Management System ID:	NOT REPORTED		
Latitude:	0		
Longitude:	0		
Lat/Long Source:	Agency Code ()		
Lat/Long Accuracy:	Unknown		
Dioxin Tier:	Unknown		
USGS Hydro Unit:	2020004		
RCRA Indicator:	Unknown		
Unit Id:	0		
Unit Name:	SITEWIDE		



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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

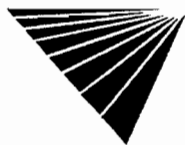
Type:	DISCOVERY	Lead Agency:	STATE, FUND FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	JULY 31, 1987
Type:	PRELIMINARY ASSESSMENT	Lead Agency:	STATE, FUND FINANCED
Qualifier:	LOWER PRIORITY	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	JULY 31, 1987
Plan Status:	Unknown	Actual Completion Date:	SEPTEMBER 2, 1987

VISTA Address*:	AMERICAN TISSUE MILL OF NY 510 S MAIN ST MECHANICVILLE, NY 12118	VISTA ID#:	6523471
		Distance/Direction:	0.22 MI / SE
		Plotted as:	Point
AST - Above Ground Storage Tank / SRC# 5938		Agency ID:	5-041254

Map ID

12

Agency Address:		AMERICAN TISSUE MILLS OF NEW YORK 510 SOUTH MAIN STREET MECHANICVILLE, NY 12118	
Underground Tanks:		NOT REPORTED	
Aboveground Tanks:		9	
Tanks Removed:		NOT REPORTED	
Tank ID:	001A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	20	Tank Piping:	STEEL/IRON
Tank Size (Units):	100000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	002A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	COPPER
Tank Size (Units):	275 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	003A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	COPPER
Tank Size (Units):	275 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	004A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	FUEL OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	COPPER
Tank Size (Units):	275 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	005A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	LUBE OIL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	STEEL/IRON
Tank Size (Units):	1000 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	006A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	OTHER	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	STEEL/IRON
Tank Size (Units):	125 (GALLONS)	Tank Material:	CARBON STEEL



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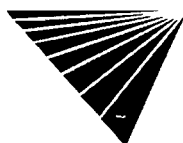
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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank ID:	007A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	OTHER	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	STEEL/IRON
Tank Size (Units):	200 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	008A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	DIESEL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	NOT REPORTED	Tank Piping:	COPPER
Tank Size (Units):	225 (GALLONS)	Tank Material:	CARBON STEEL
Tank ID:	009A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	DIESEL	Leak Monitoring:	MONITOR PRESENT
Tank Age:	1	Tank Piping:	NONE
Tank Size (Units):	275 (GALLONS)	Tank Material:	CARBON STEEL
AST - Above Ground Storage Tank / SRC# 5938		Agency ID:	5-000157
Agency Address:		AMERICAN TISSUE MILLS OF NEW YORK 510 S. MAIN STREET MECHANICVILLE, NY 12118	
Underground Tanks:		NOT REPORTED	
Aboveground Tanks:		1	
Tanks Removed:		NOT REPORTED	
Tank ID:	941779A	Tank Status:	TEMP OUT OF SERVICE
Tank Contents:	UNKNOWN	Leak Monitoring:	NO MONITOR
Tank Age:	1	Tank Piping:	STAINLESS STEEL ALLOY
Tank Size (Units):	850 (GALLONS)	Tank Material:	PLASTIC
AST - Above Ground Storage Tank / SRC# 5938		Agency ID:	5-000141
Agency Address:		AMERICAN TISSUE MILLS OF N.Y. 510 SOUTH MAIN STREET MECHANICVILLE, NY 12118	
Underground Tanks:		NOT REPORTED	
Aboveground Tanks:		2	
Tanks Removed:		NOT REPORTED	
Tank ID:	100A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNKNOWN	Leak Monitoring:	NO MONITOR
Tank Age:	2	Tank Piping:	OTHER DESCRIPTIONS
Tank Size (Units):	2000 (GALLONS)	Tank Material:	PLASTIC
Tank ID:	101A	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	UNKNOWN	Leak Monitoring:	NO MONITOR
Tank Age:	2	Tank Piping:	OTHER DESCRIPTIONS
Tank Size (Units):	2000 (GALLONS)	Tank Material:	PLASTIC
VISTA Address*:	GENE T. COOK (COOK ADULT HOME) 1 PROSPECT STREET MECHANICVILLE, NY 12118	VISTA ID#:	4594983
		Distance/Direction:	0.25 MI / SW
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 5938		Agency ID:	5-600226
Agency Address:		SAME AS ABOVE	
Underground Tanks:		1	
Aboveground Tanks:		NOT REPORTED	
Tanks Removed:		NOT REPORTED	

Map ID

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SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

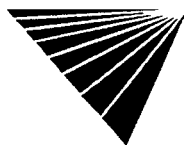
Tank ID:	001U	Tank Status:	CLOSED REMOVED
Tank Contents:	FUEL OIL	Leak Monitoring:	NO MONITOR
Tank Age:	NOT REPORTED	Tank Piping:	COPPER
Tank Size (Units):	2000 (GALLONS)	Tank Material:	CARBON STEEL

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*:	HUDSON RIVER PCB SEDIMENTS HUDSON RIVER BETWEEN FT. EDWARD AND GLENS FALLS, NY 12801	VISTA ID#:	3619753
		Distance	0.27 MI
		Plotted as:	Polygon
SPL - State Equivalent Priority List / SRC# 5105		Agency ID:	546031
Agency Address:		HUDSON RIVER PCB SEDIMENTS HUDSON RIVER BETWEEN FT. EDWARD AND GLENS FALLS, NY UNKNOWN	
Status:		NOT AVAILABLE	
Facility Type:		NOT AVAILABLE	
Lead Agency:		NOT AVAILABLE	
State Status:		Agency Code (AA /)	
Pollutant 1:		PCB CONTAMINATED WASTE	
Pollutant 2:		UNKNOWN	
Pollutant 3:		UNKNOWN	
CERCLIS / SRC# 5790		EPA ID:	NYD980763841
Agency Address:		HUDSON RIVER PCBs NO STREET APPLICABLE GLENS FALLS, NY 12801	
Site Description:		SITE IS A 40-MILE STRETCH OF HUDSON RIVER BETWEEN MECHANIC- VILLE FORT EDWARD, N. Y. THE STATE HAS IDENTIFIED 40 PCB- CONTAMINATED 'HOT SPOTS' DEFINED AS BURIED SEDIMENTS CONTAM-INATED WITH GREATER THAN 50 PARTS PER MILLION.	
Alias Name:		HUDSON RIVER PCBs	
Alias Street:		NOT REPORTED	
Alias City:	WARREN	Alias Latitude:	4318300
Alias Zip:	NOT REPORTED	Alias Longitude:	7339060
Alias State:	NY		
Alias Description:		NOT REPORTED	

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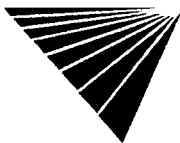
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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

EPA Region:	2		
Congressional District:	0		
Federal Facility:	Agency Code ()		
Facility Ownership:	OTHER		
Site Incident Category:	unknown		
Federal Facility Docket:	SITE IS NOT INCLUDED ON THE DOCKET		
NPL Status:	CURRENTLY ON FINAL NPL		
Incident Type:	Unknown		
Proposed NPL Update #:	0		
Final NPL Update #:	0		
Financial Management System ID:	0284		
Latitude:	0		
Longitude:	0		
Lat/Long Source:	Agency Code ()		
Lat/Long Accuracy:	Unknown		
Dioxin Tier:	Unknown		
USGS Hydro Unit:	2020003		
RCRA Indicator:	Unknown		
Unit Id:	0		
Unit Name:	SITEWIDE		
Unit Id:	1		
Unit Name:	REMNANT DEPOSIT CAPPING		
Unit Id:	2		
Unit Name:	REASSESSMENT RI/FS		
Unit Id:	3		
Unit Name:	ROGER'S ISLAND		
Name:	Lead Agency:	Actual Start Date:	Actual Completion Date:
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
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NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN



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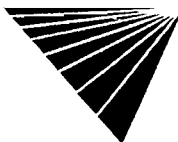
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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Name:	Lead Agency:	Actual Start Date:	Actual Completion Date:
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	UNKNOWN	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
NOT REPORTED	FEDERAL ENFORCEMENT	NOT REPORTED	UNKNOWN
Type:	DISCOVERY	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	JULY 1, 1983
Type:	Agency Code (GP)	Lead Agency:	FEDERAL ENFORCEMENT
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	SEPTEMBER 27, 1989
Type:	FINAL LISTING ON NPL	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	SEPTEMBER 21, 1984
Type:	PROPOSED FOR NPL	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	SEPTEMBER 8, 1983
Type:	PRELIMINARY ASSESSMENT	Lead Agency:	EPA FUND-FINANCED
Qualifier:	LOWER PRIORITY	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	SEPTEMBER 1, 1983
Type:	REMOVAL INVESTIGATION AT NPL SITES	Lead Agency:	EPA FUND-FINANCED
Qualifier:	STABILIZATION	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	APRIL 17, 1990
Plan Status:	PRIMARY	Actual Completion Date:	AUGUST 21, 1990
Type:	REMOVAL INVESTIGATION AT NPL SITES	Lead Agency:	EPA FUND-FINANCED
Qualifier:	STABILIZATION	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOVEMBER 19, 1992
Plan Status:	PRIMARY	Actual Completion Date:	DECEMBER 1, 1992



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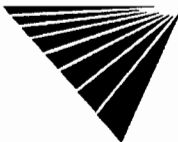
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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Type:	SCREENING SITE INSPECTION	Lead Agency:	EPA FUND-FINANCED
Qualifier:	HIGHER PRIORITY	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	AUGUST 1, 1983
Plan Status:	Unknown	Actual Completion Date:	SEPTEMBER 1, 1983
Type:	Agency Code (BE)	Lead Agency:	RESPONSIBLE PARTY
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	MAY 18, 1989
Plan Status:	PRIMARY	Actual Completion Date:	JANUARY 7, 1991
Type:	Agency Code (BE)	Lead Agency:	RESPONSIBLE PARTY
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	SEPTEMBER 27, 1989
Plan Status:	PRIMARY	Actual Completion Date:	SEPTEMBER 28, 1990
Type:	Agency Code (BF)	Lead Agency:	RESPONSIBLE PARTY
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	OCTOBER 13, 1989
Plan Status:	PRIMARY	Actual Completion Date:	SEPTEMBER 29, 1992
Type:	Agency Code (BF)	Lead Agency:	RESPONSIBLE PARTY
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	SEPTEMBER 28, 1990
Plan Status:	PRIMARY	Actual Completion Date:	SEPTEMBER 29, 1992
Type:	COMBINED RI/FS	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	MARCH 30, 1984
Plan Status:	PRIMARY	Actual Completion Date:	SEPTEMBER 25, 1984
Type:	MANAGEMENT ASSISTANCE (FEDERAL RENUMERATION)	Lead Agency:	COAST GUARD
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	JUNE 26, 1987
Plan Status:	Unknown	Actual Completion Date:	NOT REPORTED
Type:	REMEDIAL ACTION	Lead Agency:	STATE, FUND FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	SEPTEMBER 28, 1984
Plan Status:	PRIMARY	Actual Completion Date:	NOT REPORTED
Type:	REMEDIAL DESIGN	Lead Agency:	STATE, FUND FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	SEPTEMBER 28, 1984
Plan Status:	PRIMARY	Actual Completion Date:	MAY 18, 1990



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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Type:	REMEDIAL DESIGN	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	FEBRUARY 2, 1989
Plan Status:	PRIMARY	Actual Completion Date:	JUNE 5, 1989
Type:	RECORD OF DECISION	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	PRIMARY	Actual Completion Date:	SEPTEMBER 25, 1984
Type:	ADMINISTRATIVE RECORD	Lead Agency:	EPA FUND-FINANCED
Qualifier:	ADMIN RECORD COMPILATION/REMEDIAL EVENT	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	APRIL 24, 1992
Plan Status:	Unknown	Actual Completion Date:	NOT REPORTED
Type:	COMBINED RI/FS	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	JULY 25, 1990
Plan Status:	PRIMARY	Actual Completion Date:	NOT REPORTED
Type:	MANAGEMENT ASSISTANCE (FEDERAL RENUMERATION)	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	SEPTEMBER 22, 1991
Plan Status:	PRIMARY	Actual Completion Date:	NOT REPORTED
Type:	REMOVAL INVESTIGATION AT NPL SITES	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	JUNE 3, 1998
Plan Status:	Unknown	Actual Completion Date:	NOT REPORTED

Financial Type:	Date:	Financial Amount (\$):
ACTUAL OBLIGATION	MAY 22, 1990	40000
Agency Code (B)	MARCH 20, 1990	40000
COMMITMENT	MARCH 20, 1990	40000
ACTUAL OBLIGATION	SEPTEMBER 25, 1990	60000
DEOBLIGATION	JULY 30, 1998	11966
ACTUAL OBLIGATION	SEPTEMBER 29, 1990	49500
ACTUAL OBLIGATION	SEPTEMBER 30, 1990	150000
ACTUAL OBLIGATION	SEPTEMBER 25, 1991	50000
ACTUAL OBLIGATION	MARCH 30, 1984	131000
ACTUAL OBLIGATION	AUGUST 14, 1985	13460
ACTUAL OBLIGATION	JUNE 26, 1987	40000
ACTUAL OBLIGATION	SEPTEMBER 30, 1990	31200
ACTUAL OBLIGATION	SEPTEMBER 30, 1990	40000
ACTUAL OBLIGATION	SEPTEMBER 28, 1984	2153592
DEOBLIGATION	JULY 11, 1997	1869203
ACTUAL OBLIGATION	SEPTEMBER 28, 1984	359539
ACTUAL OBLIGATION	OCTOBER 2, 1989	100000
ACTUAL OBLIGATION	FEBRUARY 2, 1989	100000
Agency Code (B)	JANUARY 30, 1989	100000
DEOBLIGATION	JULY 30, 1998	3182
COMMITMENT	JANUARY 30, 1989	100000



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Report ID: 819206901

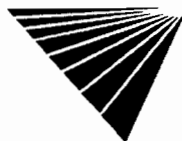
Date of Report: August 11, 1999

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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Financial Type:	Date:	Financial Amount (\$):
DEOBLIGATION	JULY 30, 1998	3763
ACTUAL OBLIGATION	APRIL 28, 1989	350000
ACTUAL OBLIGATION	JULY 25, 1990	500000
Agency Code (B)	FEBRUARY 12, 1991	1000000
DEOBLIGATION	JULY 15, 1996	1500000
DECOMMITMENT	SEPTEMBER 25, 1996	1500000
Agency Code (O)	JUNE 19, 1997	159393
ACTUAL OBLIGATION	SEPTEMBER 30, 1993	100000
Agency Code (B)	AUGUST 24, 1992	2540000
DEOBLIGATION	JUNE 19, 1997	159393
Agency Code (O)	JUNE 19, 1997	312386
ACTUAL OBLIGATION	SEPTEMBER 30, 1993	250000
Agency Code (B)	SEPTEMBER 25, 1992	767003
DEOBLIGATION	JUNE 19, 1997	312386
Agency Code (O)	AUGUST 8, 1997	3776
Agency Code (B)	FEBRUARY 10, 1995	70000
COMMITMENT	FEBRUARY 12, 1991	1000000
DEOBLIGATION	AUGUST 8, 1997	3776
Agency Code (O)	SEPTEMBER 16, 1997	4571
ACTUAL OBLIGATION	MARCH 13, 1996	1000000
Agency Code (B)	AUGUST 7, 1995	50000
DEOBLIGATION	SEPTEMBER 16, 1997	4571
Agency Code (O)	OCTOBER 14, 1997	120737
ACTUAL OBLIGATION	SEPTEMBER 27, 1995	50000
Agency Code (B)	MARCH 13, 1996	1000000
DEOBLIGATION	OCTOBER 14, 1997	120737
Agency Code (O)	OCTOBER 31, 1997	520
ACTUAL OBLIGATION	JUNE 21, 1995	110000
DEOBLIGATION	OCTOBER 31, 1997	520
Agency Code (O)	JANUARY 5, 1998	283782
ACTUAL OBLIGATION	JUNE 30, 1995	1900000
DEOBLIGATION	JANUARY 5, 1998	7078
Agency Code (O)	JANUARY 5, 1998	107986
ACTUAL OBLIGATION	FEBRUARY 28, 1995	70000
DEOBLIGATION	JANUARY 5, 1998	283782
Agency Code (O)	JANUARY 5, 1998	7078
ACTUAL OBLIGATION	AUGUST 31, 1994	419042
DEOBLIGATION	JANUARY 5, 1998	107986
Agency Code (O)	APRIL 7, 1998	13861
ACTUAL OBLIGATION	SEPTEMBER 30, 1994	580958
DEOBLIGATION	APRIL 7, 1998	13861
Agency Code (O)	APRIL 7, 1998	1594
DEOBLIGATION	APRIL 7, 1998	1594
Agency Code (O)	APRIL 7, 1998	1472
COMMITMENT	MARCH 13, 1996	1000000
DEOBLIGATION	APRIL 7, 1998	1472
Agency Code (O)	MAY 19, 1998	8366
COMMITMENT	AUGUST 7, 1995	50000
DEOBLIGATION	MAY 19, 1998	8366
Agency Code (O)	MAY 19, 1998	128644
COMMITMENT	FEBRUARY 10, 1995	70000
DEOBLIGATION	MAY 19, 1998	128644
Agency Code (O)	MAY 19, 1998	4041
COMMITMENT	SEPTEMBER 25, 1992	767003
DEOBLIGATION	MAY 19, 1998	4041
Agency Code (O)	JULY 6, 1998	9150
COMMITMENT	AUGUST 24, 1992	2540000
DEOBLIGATION	JULY 6, 1998	9150
Agency Code (O)	JULY 8, 1998	6195
ACTUAL OBLIGATION	JANUARY 25, 1994	340000
COMMITMENT	AUGUST 28, 1996	1500000
DEOBLIGATION	JULY 8, 1998	6195
Agency Code (O)	AUGUST 26, 1998	6075
ACTUAL OBLIGATION	SEPTEMBER 30, 1991	750000
COMMITMENT	SEPTEMBER 21, 1996	1792845



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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Financial Type:	Date:	Financial Amount (\$):
DEOBLIGATION	AUGUST 26, 1998	6075
Agency Code (O)	SEPTEMBER 17, 1998	10303
ACTUAL OBLIGATION	SEPTEMBER 30, 1992	2540000
COMMITMENT	SEPTEMBER 4, 1997	600000
DEOBLIGATION	SEPTEMBER 17, 1998	10303
Agency Code (O)	SEPTEMBER 21, 1998	4389
ACTUAL OBLIGATION	SEPTEMBER 30, 1992	767003
COMMITMENT	APRIL 10, 1998	700000
DEOBLIGATION	SEPTEMBER 21, 1998	4389
Agency Code (O)	SEPTEMBER 24, 1998	5557
ACTUAL OBLIGATION	SEPTEMBER 30, 1993	3452457
COMMITMENT	SEPTEMBER 3, 1998	252
DEOBLIGATION	SEPTEMBER 24, 1998	5557
Agency Code (O)	SEPTEMBER 24, 1998	116100
ACTUAL OBLIGATION	SEPTEMBER 30, 1991	500000
DEOBLIGATION	SEPTEMBER 24, 1998	116100
Agency Code (O)	OCTOBER 6, 1998	3383
ACTUAL OBLIGATION	MAY 7, 1991	1000000
DEOBLIGATION	OCTOBER 6, 1998	3383
Agency Code (O)	OCTOBER 21, 1998	3984
ACTUAL OBLIGATION	SEPTEMBER 25, 1996	1500000
DEOBLIGATION	OCTOBER 21, 1998	3984
Agency Code (O)	DECEMBER 1, 1998	14960
DEOBLIGATION	JULY 30, 1998	193567
Agency Code (O)	DECEMBER 15, 1998	119764
DEOBLIGATION	JULY 30, 1998	20479
Agency Code (O)	DECEMBER 16, 1998	146864
DEOBLIGATION	DECEMBER 1, 1998	14960
DECOMMITMENT	SEPTEMBER 28, 1996	1792845
Agency Code (O)	DECEMBER 16, 1998	81643
ACTUAL OBLIGATION	SEPTEMBER 28, 1996	1792845
DEOBLIGATION	MAY 14, 1997	23018
Agency Code (O)	DECEMBER 29, 1998	35387
ACTUAL OBLIGATION	SEPTEMBER 26, 1997	600000
DEOBLIGATION	MAY 14, 1997	9849
DECOMMITMENT	MARCH 13, 1996	1000000
Agency Code (O)	FEBRUARY 2, 1999	6265
ACTUAL OBLIGATION	JULY 1, 1998	700000
DEOBLIGATION	JUNE 19, 1997	244817
DECOMMITMENT	SEPTEMBER 26, 1997	600000
ACTUAL OBLIGATION	SEPTEMBER 17, 1998	252
DEOBLIGATION	DECEMBER 15, 1998	119764
DECOMMITMENT	JULY 1, 1998	700000
DEOBLIGATION	DECEMBER 16, 1998	81643
DECOMMITMENT	SEPTEMBER 17, 1998	252
DEOBLIGATION	DECEMBER 16, 1998	146864
DEOBLIGATION	DECEMBER 29, 1998	35387
DEOBLIGATION	FEBRUARY 2, 1999	6265
ACTUAL OBLIGATION	SEPTEMBER 22, 1991	80000
COMMITMENT	SEPTEMBER 28, 1998	150100
DECOMMITMENT	SEPTEMBER 30, 1998	150100
ACTUAL OBLIGATION	SEPTEMBER 29, 1994	36400
COMMITMENT	SEPTEMBER 28, 1998	100000
DECOMMITMENT	SEPTEMBER 30, 1998	100000
ACTUAL OBLIGATION	APRIL 6, 1995	60000
ACTUAL OBLIGATION	SEPTEMBER 24, 1993	133996
ACTUAL OBLIGATION	SEPTEMBER 30, 1998	150100
ACTUAL OBLIGATION	SEPTEMBER 30, 1998	100000

NPL - National Priority List / SRC# 5984

EPA ID:

NYD980763841

Agency Address:

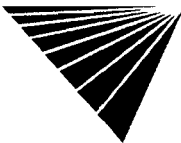
HUDSON RIVER PCBS
NO STREET APPLICABLE
GLENS FALLS, NY 12801

Alias Name:

HUDSON RIVER PCBS

Alias Street:

NOT REPORTED



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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Alias City:	WARREN	Alias Latitude:	4318300
Alias Zip:	NOT REPORTED	Alias Longitude:	7339060
Alias State:	NOT REPORTED		
EPA Region:	0		
Congressional District:	0		
Federal Facility:	Agency Code ()		
Facility Ownership:	NOT AVAILABLE		
Site Incident Category:	unknown		
Federal Facility Docket:	Agency Code ()		
NPL Status:	UNKNOWN		
Incident Type:	Unknown		
Proposed NPL Update #:	0		
Final NPL Update #:	0		
Financial Management System ID:	NOT REPORTED		
Latitude:	0		
Longitude:	0		
Lat/Long Source:	Agency Code ()		
Lat/Long Accuracy:	Unknown		
Dioxin Tier:	Unknown		
USGS Hydro Unit:	0		
RCRA Indicator:	Unknown		

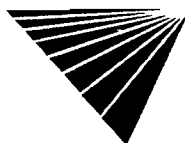
VISTA Address*:	CANADA DRY 26 VAIL STREET MECHANICVILLE, NY 12118	VISTA ID#:	2738994
		Distance/Direction:	0.29 MI / N
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A

Map ID

15

Agency Address:	CANADA DRY 26 VAIL STREET MECHANICVILLE, NY
Leak ID#:	8708868
Leak Date:	1/18/88
Leak Report Date:	1/18/88
Case Closed Date:	1/18/88
Leak Cause:	UNKNOWN
Leak Source:	GROUNDWATER
Remediation Status:	CLOSED
Region / District:	5
Referral:	BH
Description / Comment:	RESPONSIBLE PARTY: CANADA DRY, 26 VAIL ST., MECHANICVILLE, NY. CONTACT (IF AVAILABLE): (518) 664-6146. TESTER SAID LEAK IN PIPE NOT TANK NEED TO REPAIR RETEST. 1/19/88 - TANK TO BE PUMPED OUT REMOVED FROM SERVICE. NO FURTHER ACTION.

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	CANADA DRY BEVERAGE 26 VIAL AVE MECHANICVILLE, NY		
Leak ID#:	9804908		
Leak Date:	7/20/98		



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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Leak Report Date:	7/20/98
Who Reported:	MIKE BUSONE
Case Closed Date:	8/24/98
Leak Cause:	UNKNOWN
Leak Source:	ON LAND
Substance:	#2 FUEL OIL
Quantity / Units: 3	Units: GALLONS
Remediation Status:	CLOSED
Region / District:	5
Referral:	KM
Description / Comment:	RESPONSIBLE PARTY: CANADA DRY BEVERAGE, 26 VIAL AVE, MECHANICVILLE, NY, 12118- CONTACT (IF AVAILABLE): DOM, (518) 664-6146 TANK WAS PULLED; OIL FOUND AT BOTTOM OF HOLE. SOIL CLEANED UP; TANK WILL NOT BE REPLACED.

VISTA Address*:	CLOVER LEAF TAVERN 87 N. MAIN ST. MECHANICVILLE, NY 12118	VISTA ID#:	7232646
		Distance/Direction:	0.30 MI / E
		Plotted as:	Point

Map ID

16

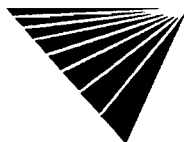
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	CLOVER LEAF TAVERN 87 N. MAIN ST. MECHANICVILLE, NY 8602038		
Leak ID#:	8602038		
Leak Date:	6/25/86		
Leak Report Date:	6/25/86		
Case Closed Date:	4/1/88		
Leak Cause:	UNKNOWN		
Leak Source:	GROUNDWATER		
Substance:	GASOLINE		
Quantity / Units: 0	Units:	GALLONS	
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	GB		
Description / Comment:	RESPONSIBLE PARTY: MINI-PRICE CHOPPER, N. MAIN, MECHANICVILLE, NY, CONTACT (IF AVAILABLE): (518) 381-1398 EQUIPMENT FAILURE		

VISTA Address*:	PRICE CHOPPER 96 NO. MAIN STREET MECHANICVILLE, NY 12118	VISTA ID#:	2728534
		Distance/Direction:	0.31 MI / E
		Plotted as:	Point

Map ID

16

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	PRICE CHOPPER MAIN STREET MECHANICVILLE, NY 8601854		
Leak ID#:	8601854		
Leak Date:	6/17/86		
Leak Report Date:	6/17/86		
Who Reported:	GORDIE		
Case Closed Date:	5/5/88		



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SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Leak Cause:	UNKNOWN		
Leak Source:	GROUNDWATER		
Substance:	GASOLINE		
Quantity / Units:	0	Units:	GALLONS
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	GB		
Description / Comment:	RESPONSIBLE PARTY: PRICE CHOPPER/GOLUB CORP.,SCHENECTADY,NY, CONTACT(IF AVAILABLE): .(518) 381-13482 4K U/G TANK SYSTEMS-ONE OF LEADED REG-OTHER OF SUPER NO LEAD,FAILED PETROTITE. PBS FILE INDICATES 5 OLD TANKS REMOVED. 3 NEWFIBERGLASS TANKS INSTALLED 9/3/86		

VISTA Address*:	AMANN'S AMANN'S 223 S. CENTRAL AV MECHANICVILLE, NY 12118	VISTA ID#:	3831588
		Distance/Direction:	0.33 MI / S
		Plotted as:	Point

Map ID

17

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	AMANN'S AMANN'S 223 S. CENTRAL AV MECHANICVILLE, NY 9210249		
Leak ID#:	9210249		
Leak Date:	12/2/92		
Leak Report Date:	12/2/92		
Who Reported:	AL AMANN		
Remediation Start Date:	12/2/92		
Case Closed Date:	6/12/97		
Leak Cause:	UNKNOWN		
Leak Source:	GROUNDWATER		
Substance:	#2 FUEL OIL		
Quantity / Units:	0	Units:	GALLONS
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	KM		
Description / Comment:	RESPONSIBLE PARTY: AL AMANN,223 SOUTH CENTRAL AVE.,MECHANICVILLE,NY, CONTACT(IF AVAILABLE): .(518) 664-7252FILLED TANK TO HAVE TESTED. DIDN'T MAINTAIN LEVEL. EXCAVATED TANK AND CREATED ADDITIONAL LEAK. CALLER WILL EMPTY TANK.		

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

No Records Found



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Report ID: 819206901

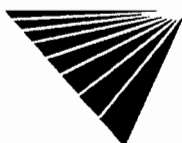
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UNMAPPED SITES

VISTA Address*:	NYSEG, MECHANICVILLE N. CENTRAL AVE MECHANICVILLE, NY 12118	VISTA ID#:	304661
SCL - State Equivalent CERCLIS List / SRC# 3589		EPA/Agency ID:	N/A
Agency Address:	NYSEG, MECHANICVILLE N. CENTRAL AVE MECHANICVILLE, NY UNKNOWN		
Status:	NOT AVAILABLE		
Facility Type:	NOT AVAILABLE		
Lead Agency:	OTHER		
State Status:	VOCS OTHER		
Pollutant 1:	UNKNOWN		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		
NFRAP / SRC# 5791		EPA ID:	NYD980531404
Agency Address:	NYSEG MECHANICVILLE GAS PLANT SITE W SIDE OF CENTRAL AVE MECHANICVILLE, NY 12118		
EPA Region:	2		
Congressional District:	29		
Federal Facility:	Agency Code ()		
Facility Ownership:	OTHER		
Site Incident Category:	unknown		
Federal Facility Docket:	SITE IS NOT INCLUDED ON THE DOCKET		
NPL Status:	NOT ON NPL		
Incident Type:	Unknown		
Proposed NPL Update #:	0		
Final NPL Update #:	0		
Financial Management System ID:	NOT REPORTED		
Latitude:	4254219		
Longitude:	7341210		
Lat/Long Source:	RESEARCHED BY THE REGION AND MANUALLY ENTERED		
Lat/Long Accuracy:	Unknown		
Dioxin Tier:	Unknown		
USGS Hydro Unit:	2020003		
RCRA Indicator:	Unknown		
Unit Id:	0		
Unit Name:	ENTIRE SITE		
Type:	DISCOVERY	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	UNKNOWN



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UNMAPPED SITES CONT.

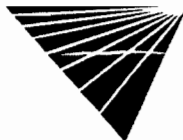
Type:	PRELIMINARY ASSESSMENT	Lead Agency:	STATE, FUND FINANCED
Qualifier:	NO FURTHER REMEDIAL ACTION PLANNED	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	DECEMBER 2, 1987

VISTA Address*:	ST.PAULS CHURCH NORTH MAIN ST MECHANICVILLE, NY 12118	VISTA ID#:	760757

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937	EPA/Agency ID:	N/A
Agency Address:	ST.PAULS CHURCH NORTH MAIN ST MECHANICVILLE, NY 9508419	
Leak ID#:	9508419	
Leak Date:	10/10/95	
Leak Report Date:	10/10/95	
Who Reported:	BOB GROCK	
Leak Cause:	UNKNOWN	
Leak Source:	ON LAND	
Substance:	#2 FUEL OIL	
Quantity / Units:	0	Units: GALLONS
Remediation Status:	OPEN	
Region / District:	5	
Referral:	KM	
Description / Comment:	RESPONSIBLE PARTY: SAME, CONTACT(IF AVAILABLE):.	

VISTA Address*:	COLLINS CONSTRUCTION ROUTE 67 MECHANICVILLE, NY 12118	VISTA ID#:	3860563

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937	EPA/Agency ID:	N/A
Agency Address:	COLLINS CONSTRUCTION ROUTE 67 MECHANICVILLE, NY 9211881	
Leak ID#:	9211881	
Leak Date:	1/18/93	
Leak Report Date:	1/18/93	
Who Reported:	PETER DANKELMAN	
Case Closed Date:	12/14/93	
Leak Cause:	UNKNOWN	
Leak Source:	ON LAND	
Remediation Status:	CLOSED	
Region / District:	5	
Referral:	SM/BJ	
Description / Comment:	RESPONSIBLE PARTY: D.A. COLLINS CONSTRUCTION,ROUTE 67 WEST OF MECH.VIL,MECHANICVILLE,NY,12118 CONTACT(IF AVAILABLE):.(518) 664-9855	



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UNMAPPED SITES CONT.

VISTA Address*:	DA COLLINS RT 67 MECHANICVILLE, NY 12118	VISTA ID#:	3860573
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	D.A. COLLINS RT. 67 MECHANICVILLE, NY 5-230367		
Facility ID:	5-230367		
Leak ID#:	9211016		
Leak Date:	12/22/92		
Leak Report Date:	12/23/92		
Who Reported:	BILL MOROHN		
Case Closed Date:	12/27/93		
Leak Cause:	UNKNOWN		
Leak Source:	ON LAND		
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	TS		
Description / Comment:	RESPONSIBLE PARTY: D.A. COLLINS CONSTRUCTION, C. MERILE LATTERELL. CONTACT(IF AVAILABLE): (518) 664-9855		

VISTA Address*:	CHURCH OF THE ASSUMPTION WILLIAMS STREET MECHANICVILLE, NY 12118	VISTA ID#:	2740398
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	CHURCH OF THE ASSUMPTION WILLIAMS STREET MECHANICVILLE, NY 8809408		
Leak ID#:	8809408		
Leak Date:	3/1/89		
Leak Report Date:	3/1/89		
Who Reported:	MIKE COSTELLO		
Case Closed Date:	3/15/91		
Leak Cause:	UNKNOWN		
Leak Source:	GROUNDWATER		
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	SL		
Description / Comment:	RESPONSIBLE PARTY: CHURCH OF THE ASSUMPTION. CONTACT(IF AVAILABLE): NOTICED INCREASE IN USE OF OIL BY FURNACE. NOTIFIED ENCON AS A PRECAUTIONARY MEASURE. MONITORING TEMPORARY TANK FOR 1-2 WEEKS TO DETERMINE IF PROBLEM WITH FURNACE.		



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Date of Report: August 11, 1999

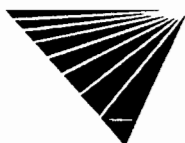
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UNMAPPED SITES CONT.

VISTA Address*:	MECHANICVILLE H.S. KNISKERN ROAD MECHANICVILLE, NY 12118	VISTA ID#:	2723333
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	MECHANICVILLE H.S. KNISKERN ROAD MECHANICVILLE, NY		
Facility ID:	5-230324		
Leak ID#:	9105233		
Leak Date:	8/14/91		
Leak Report Date:	8/14/91		
Who Reported:	BOB AMZYNSKI		
Case Closed Date:	11/13/91		
Leak Cause:	UNKNOWN		
Leak Source:	GROUNDWATER		
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	TS		
Description / Comment:	RESPONSIBLE PARTY: MECHANICVILLE SCHOOL, 10 N. MAIN STREET, MECHANICVILLE, NY, CONTACT (IF AVAILABLE):		

VISTA Address*:	CONVENIENT FOOD - BONFARE ROUTE 4 MECHANICVILLE, NY 12118	VISTA ID#:	5161814
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	CONVENIENT FOOD - BONFARE ROUTE 4 MECHANICVILLE, NY		
Facility ID:	5-228818		
Leak ID#:	9210352		
Leak Date:	12/6/92		
Leak Report Date:	12/7/92		
Who Reported:	JIM SCHULTZ		
Case Closed Date:	11/4/93		
Leak Cause:	UNKNOWN		
Leak Source:	ON LAND		
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	BJ		
Description / Comment:	RESPONSIBLE PARTY: CONGRESS GAS OIL, C: BILL HEALLY, CONTACT (IF AVAILABLE): (518) 584-3050		



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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UNMAPPED SITES CONT.

VISTA Address*:	NEW COUNTRY PONTIAC RT 146 MECHANICVILLE, NY 12118	VISTA ID#:	294108
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	NEW COUNTRY PONTIAC ROUTE 146 MECHANICVILLE, NY 9308439		
Leak ID#:	10/7/93		
Leak Date:	10/12/93		
Leak Report Date:	MIKE IANNIELLO		
Who Reported:	UNKNOWN		
Leak Cause:	ON LAND		
Leak Source:	WASTE OIL		
Substance:	Quantity / Units: 0 Units: GALLONS		
Remediation Status:	OPEN		
Region / District:	5		
Referral:	AK		
Description / Comment:	RESPONSIBLE PARTY: NEW COUNTRY PONTIAC, PO BOX 552, MECHANICVILLE, NY, 12118- CONTACT (IF AVAILABLE): MIKE IANNIELLO, (518) 664-9851 500-GALLON UST LEAKING. LESS THAN 10 YARDS OF DIRT; PROBABLY EXCAVATE AND GET CONTRACTOR. WOULD LIKE CALL BACK.		

VISTA Address*:	SARATOGA CO SEWER PLANT RT 4 RT 32 MECHANICVILLE, NY 12118	VISTA ID#:	6439270
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	SARATOGA CO SEWER TREATME RTS 4 32 PO BX 550 MECHANICVILLE, NY 9700893		
Leak ID#:	4/21/97		
Leak Date:	4/21/97		
Leak Report Date:	JAMES DIPASQUALE		
Who Reported:	3/28/97		
Case Closed Date:	UNKNOWN		
Leak Cause:	GROUNDWATER		
Leak Source:	WASTE OIL		
Substance:	Quantity / Units: 0 Units: GALLONS		
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	KM		
Description / Comment:	RESPONSIBLE PARTY: SARATOGA CO SEWER TREATME, RTS 4 32 PO BX 550, MECHANICVILLE, NY. CONTACT (IF AVAILABLE): JAMES DIPASQUALE, DURING UST REMOVAL, CONTAMINATED SOIL WAS DISCOVERED - REG #4 OFFICE ALREADY AWARE - 550 GAL TANK.		



* VISTA address includes enhanced city and ZIP.

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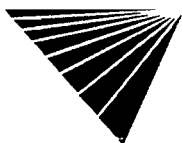
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UNMAPPED SITES CONT.

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	SARATOGA CO SEWER PLANT RT 4 AND RT 32 MECHANICVILLE, NY		
Leak ID#:	9701335		
Leak Date:	4/30/97		
Leak Report Date:	4/30/97		
Who Reported:	JIM DIPISQUALLE		
Leak Cause:	UNKNOWN		
Leak Source:	ON LAND		
Substance:	GASOLINE		
Quantity / Units:	0	Units:	GALLONS
Remediation Status:	OPEN		
Region / District:	5		
Referral:	AK		
Description / Comment:	RESPONSIBLE PARTY: SARATOGA CO SEWER PLANT, RT 4 AND RT 32, MECHANICVILLE, NY. CONTACT (IF AVAILABLE): JIM DIPISQUALLE, (518) 664-7396 WHILE DOING TANK REMOVAL THEY NOTICED CONTAMINATED SOIL SOIL WILL BE REMOVED		

VISTA Address*:	VOSBURG TRAILER PARK LOT 41 MECHANICVILLE, NY 12118	VISTA ID#:	6967414

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	VOSBURG TRAILER PARK LOT 41 MECHANICVILLE, NY		
Leak ID#:	9614796		
Leak Date:	3/24/97		
Leak Report Date:	3/24/97		
Who Reported:	CITIZEN		
Case Closed Date:	8/26/97		
Leak Cause:	UNKNOWN		
Leak Source:	ON LAND		
Substance:	#2 FUEL OIL		
Quantity / Units:	0	Units:	GALLONS
Remediation Status:	CLOSED		
Region / District:	5		
Referral:	HO		
Description / Comment:	RESPONSIBLE PARTY: LOT 41, NY, 12118- CONTACT (IF AVAILABLE): N/A, OWNER OF LOT 41 HAS A BAD TANK THAT IS LEAKING INTO A RAVINE AND THE COMPLAINT STATES IT LEADS INTO A CREEK. THE GROUND IS OIL COVERED IN THE BACK OF THE TRAILER. THE COMPLAINT SAYS THE OIL COMPANY IS STILL MAKING DELIVERIES.		



* VISTA address includes enhanced city and ZIP.

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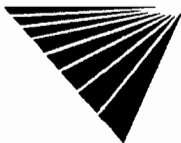
UNMAPPED SITES CONT.

VISTA Address*:	MECHANICVILLE DPW CENTRAL AVENUE MECHANICVILLE, NY 12118	VISTA ID#:	6569921

STATE LUST - State Leaking Underground Storage Tank / SRC# 5937		EPA/Agency ID:	N/A
Agency Address:	MECHANICVILLE DPW CENTRAL AVENUE MECHANICVILLE, NY 9600396		
Leak ID#:	9600396		
Leak Date:	4/9/96		
Leak Report Date:	4/9/96		
Who Reported:	WILLIAM RUSSELL		
Leak Cause:	UNKNOWN		
Leak Source:	ON LAND		
Substance:	GASOLINE		
Quantity / Units:	0	Units:	GALLONS
Remediation Status:	OPEN		
Region / District:	5		
Referral:	KM		
Description / Comment:	RESPONSIBLE PARTY: MECHANICVILLE DPW,CENTRAL AVENUE,MECHANICVILLE,NY,12118- CONTACT(IF AVAILABLE): WILLIAM RUSSELL,(518) 664-7171OLD TANKS BEING REMOVED; CONTAMINATED SOIL. KLEEN RESOURCES CLEANED PRODUCT FROM TANK.		

VISTA Address*:	MECHANICVILLE T.S. INDUSTRIAL PARK COMPLEX MECHANICVILLE, NY 12118	VISTA ID#:	6683010

STATE SWLF - Solid Waste Landfill / SRC# 5699		Agency ID:	46R11
Agency Address:	MECHANICVILLE T.S. INDUSTRIAL PARK COMPLEX MECHANICVILLE, NY		
Facility Type:	NOT AVAILABLE		
Facility Status:	ACTIVE		
Permit Status:	NOT AVAILABLE		



• VISTA address includes enhanced city and ZIP.

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UNMAPPED SITES CONT.

VISTA Address*:	MECHANICVILLE LF LOWER NEWTON RD MECHANICVILLE, NY 12118		VISTA ID#:	266322
NFRAP / SRC# 5791			EPA ID:	NYD980507040
Agency Address:	SAME AS ABOVE			
EPA Region:	2			
Congressional District:	29			
Federal Facility:	Agency Code ()			
Facility Ownership:	OTHER			
Site Incident Category:	unknown			
Federal Facility Docket:	SITE IS NOT INCLUDED ON THE DOCKET			
NPL Status:	NOT ON NPL			
Incident Type:	Unknown			
Proposed NPL Update #:	0			
Final NPL Update #:	0			
Financial Management System ID:	NOT REPORTED			
Latitude:	4251220			
Longitude:	7341020			
Lat/Long Source:	RESEARCHED BY THE REGION AND MANUALLY ENTERED			
Lat/Long Accuracy:	Unknown			
Dioxin Tier:	Unknown			
USGS Hydro Unit:	2020003			
RCRA Indicator:	Unknown			
Unit Id:	0			
Unit Name:	ENTIRE SITE			
Type:	DISCOVERY	Lead Agency:	EPA FUND-FINANCED	
Qualifier:	UNKNOWN	Category:	Unknown	
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED	
Plan Status:	Unknown	Actual Completion Date:	UNKNOWN	
Type:	HAZARD RANKING SYSTEM SCORE	Lead Agency:	OTHER	
Qualifier:	UNKNOWN	Category:	Unknown	
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED	
Plan Status:	Unknown	Actual Completion Date:	UNKNOWN	
Type:	PRELIMINARY ASSESSMENT	Lead Agency:	EPA FUND-FINANCED	
Qualifier:	LOWER PRIORITY	Category:	Unknown	
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED	
Plan Status:	Unknown	Actual Completion Date:	UNKNOWN	
Type:	SCREENING SITE INSPECTION	Lead Agency:	STATE, FUND FINANCED	
Qualifier:	NO FURTHER REMEDIAL ACTION PLANNED	Category:	Unknown	
Name:	NOT REPORTED	Actual Start Date:	MAY 2, 1987	
Plan Status:	Unknown	Actual Completion Date:	UNKNOWN	



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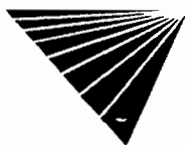
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UNMAPPED SITES CONT.

VISTA Address*:	POLYSET COMPANY PO BOX 111 MECHANICVILLE, NY 12118		VISTA ID#:	7823164
STATE LUST - State Leaking Underground Storage Tank / SRC# 5937			EPA/Agency ID:	N/A
Agency Address:	POLYSET COMPANY PO BOX 111 MECHANICVILLE, NY 9802914			
Leak ID#:	9802914			
Leak Date:	5/31/98			
Leak Report Date:	6/4/98			
Who Reported:	ANTHONY KARWIEL			
Leak Cause:	UNKNOWN			
Leak Source:	ON LAND			
Substance:	ETHYLENE GLYCOL			
Quantity / Units:	1000	Units:	GALLONS	
Remediation Status:	OPEN			
Region / District:	5			
Referral:	AK			
Description / Comment:	RESPONSIBLE PARTY: POLYSET COMPANY, PO BOX 111, MECHANICVILLE, NY, 12118- CONTACT (IF AVAILABLE): JOHN SILVERA, (518) 664-6000 STORM CAUSED PIPING DAMAGE. MATERIAL CONTAINED IN 2ND CONTAINMENT. MC ENVIRONMENTAL VACCUED OUT CONTAINMENT, DISPOSED OF PROPERLY.			



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SITE ASSESSMENT PLUS REPORT

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL
SRC#: 5984 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for NPL was June, 1999.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL
SRC#: 5105 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Inactive Hazardous Waste Disposal Sites was June, 1998.

This database is provided by the Department of Environmental Conservation, Bureau of Hazardous Site Control. The agency may be contacted at: 518-457-0747.

The New York Registry of Inactive Hazardous Waste Disposal Sites is an inventory maintained by the DEC of all actual or suspected inactive hazardous waste sites known in the state.

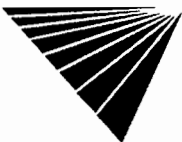
CORRACTS
SRC#: 5896 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for HWDMS/RCRIS was May, 1999.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 5790 VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS was March, 1999.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List(NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.



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NFRAP
SRC#: 5791

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS-NFRAP was March, 1999.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

SCL
SRC#: 3589

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for New York Hazardous Substance Waste Disposal Site Study (includes Coal Tar Wood was June, 1995.

This database is provided by the Bureau of Hazardous Site Control, Division of Hazardous Waste Remediation. The agency may be contacted at: 518-457-0639.

The New York Hazardous Substance Waste Disposal Site Study was completed to estimate the number and cost of remediating hazardous substance waste disposal sites located in New York which posed a potential threat to public health and the environment. Under current DEC regulation, the definition of "hazardous waste" in the Environmental Conservation Law (ECL) allows the DEC to use monies from the State Superfund to cleanup those sites fitting that definition. Many sites exist throughout the state which contain hazardous waste, but the "characteristics" of the waste do not meet the criteria as defined within the ECL, and do not qualify for state superfund funding. Therefore the study was done to identify sites to be addressed.

SCL
SRC#: 6003

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Voluntary Cleanup Projects List was June, 1999.

The New York State Department of Environmental Conservation Voluntary Cleanup Program provides a listing of volunteers who are willing to cleanup contaminated sites. Volunteers may include site owners, operators, prospective purchasers, lenders, municipalities, and PRP's. PRP's will be rejected if the site is either a TSDf or subject to further "enforcement action". This program is eligible to both New York State Registry of Inactive Hazardous Waste Disposal Sites and Non-Registry Sites. This database tracks only records which are non-reg

RCRA-TSD
SRC#: 5896

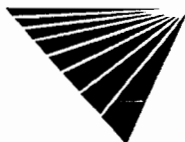
VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

SWLF
SRC#: 3193

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Incinerators-Resource Recovery Projects was June, 1996.

This database is provided by the Department of Environmental Conservation, Bureau of Waste Management. The agency may be contacted at: .



SWLF
SRC#: 3591

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Regulated Medical Waste Facilities was March, 1997.

This database is provided by the Bureau of Technical Support, Division of Solid and Hazardous Material. The agency may be contacted at: 518-457-9263.

SWLF
SRC#: 5699

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Active Solid Waste Disposal Sites was February, 1999.

This database is provided by the Department of Environmental Conservation, Division of Municipal Waste. The agency may be contacted at: 518-457-1859.

SWLF
SRC#: 5699

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Inactive Solid Waste Sites was February, 1999.

This database is provided by the Department of Environmental Conservation, Division of Solid Waste. The agency may be contacted at: 518-457-1859.

SWLF
SRC#: 5700

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Registered Permitted Waste Tire Storage Facilities was August, 1998.

This database is provided by the Department of Environmental Conservation, Div of Solid and Hazardous Material. The agency may be contacted at: .

SWLF
SRC#: 5858

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Recycler's Listing was February, 1999.

This database is provided by the Department of Environmental Conservation, Bureau of Municipal Waste. The agency may be contacted at: 518-457-8829.

LUST
SRC#: 5937

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for LUST (Tank Test Failures) Database was April, 1999.

This database is provided by the Department of Environmental Conservation. The agency may be contacted at: 518-457-7364.

The New York Spills and LUST (Tank Test Failures) Database consists of State Spill Sites and Leaking Underground Storage Tank sites. Facilities on this report may also appear on the state spill report. There are no zip codes provided in the New York State Spills and LUST Database. The Vista Address Correction System can assign a zip code to most addresses containing a street number, street name and postal city (which are not included for most sites). Because the Spills and LUST Database lists almost all sites within the five boroughs as New York City, proper zip codes cannot be assigned consistently. The problem is particularly acute outside of Manhattan where the proper mailing city would be Brooklyn, Bronx, Flushing, Jamaica, etc.



Water Wells
SRC#: 5384

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for USGS WATER WELLS was March, 1998.

The Ground Water Site Inventory (GWSI) database was provided by the United States Geological Survey (USGS). The database contains information for over 1,000,000 wells and other sources of groundwater which the USGS has studied, used, or otherwise had reason to document through the course of research. The agency may be contacted at 703-648-6819.

State Water Wells
SRC#: 5030

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Public Water Wells was December, 1997.

The New York Public Water Wells database is provided by the New York State Department of Health. Less than 20% of the total number of wells in the data base are plotted due to the lack of locational information. The agency phone number for further information is 518-458-6731. The date of the data is the same as the date of the list below.

C) DATABASES SEARCHED TO 1/4 MILE

RCRA-Viols/Enf VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Violators are facilities which have been cited for RCRA Violations at least once since 1980. RCRA Enforcements are enforcement actions taken against RCRA violators.

UST's
SRC#: 5938

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Underground Storage Tank Database was April, 1999.

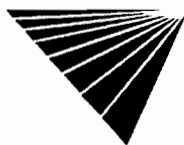
This database is provided by the Department of Environmental Conservation, Petroleum Bulk Storage Program. The agency may be contacted at: 518-457-7364; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

The New York Underground Storage Tank Database includes underground and aboveground tanks. The statewide database contains information on Petroleum Bulk storage tanks; Hazardous Substance Bulk storage tanks; and Major Petroleum storage facilities.

AST's
SRC#: 5938

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Aboveground Storage Tanks was April, 1999.

This database is provided by the Department of Environmental Conservation, Petroleum Bulk Storage Program. The agency may be contacted at: 518-457-7364.



TRIS VISTA conducts a database search to identify all sites within 1/4 mile of your property.
SRC#: 4946 The agency release date for TRIS was January, 1998.

Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of 1986 requires the EPA to establish an inventory of Toxic Chemicals emissions from certain facilities(Toxic Release Inventory System). Facilities subject to this reporting are required to complete a Toxic Chemical Release Form(Form R) for specified chemicals.

D) DATABASES SEARCHED TO 1/8 MILE

ERNS VISTA conducts a database search to identify all sites within 1/8 mile of your property.
SRC#: 5598 The agency release date for ERNS was December, 1998.

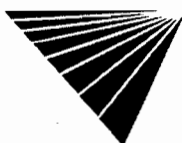
The Emergency Response Notification System (ERNS) is a national database containing records from October 1986 to the release date above and is used to collect information for reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of Transportation. The ERNS hotline number is (202) 260-2342.

RCRA-LgGen VISTA conducts a database search to identify all sites within 1/8 mile of your property.
SRC#: 5896 The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRA-SmGen VISTA conducts a database search to identify all sites within 1/8 mile of your property.
SRC#: 5896 The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.



SPILL
SRC#: 5936

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for Spills Database was April, 1999.

This database is provided by the Department of Environmental Conservation. The agency may be contacted at: 518-457-7364.

The New York Spills and LUST (Tank Test Failures) Database consists of State Spill Sites and Leaking Underground Storage Tank Sites. Facilities on this report may also appear on the leaking underground storage tank report. There are no zip codes provided in the New York State Spills and LUST Database. The Vista Address Correction System can assign a zip code to most addresses containing a street number, street name and postal city (which are not included for most sites). Because the Spills and LUST Database lists almost all sites within the five boroughs as New York City, proper zip codes cannot be assigned consistently. The problem is particularly acute outside of Manhattan where the proper mailing city would be Brooklyn, Bronx, Flushing, Jamaica, etc.

End of Report



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

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REFERENCE 9

LETTER OF TRANSMITTAL

DATE	29 JULY 91	JOB NO.	C347-01-D-01
ATTENTION			
WILLIAM JESMORE			
RE:			
APPARENT SPILL AT			
CAMAROTA CLEANERS.			

APPARENT SPILL AT
CAMAROTA CLEANERS.

COPIES	DATE	NO.	DESCRIPTION
1	29 JULY		MEMO
1	26 JULY		SOIL GAS SURVEY REPORT
			NYS DEC RECEIVED
			JUL 30 1991
			ENVIRONMENTAL QUALITY REGION 5 WARRENBURG, N.Y.

REMARKS BILL,
OUR COMPUTERS ARE DOWN, SO AM SENDING
HANDWRITTEN MEMO + SURVEY REPORT.
PLEASE FEEL FREE TO CONTACT US FOR
FURTHER INFORMATION, IF NECESSARY.

SIGNED Jessie L. Howard

If enclosures are not as noted kindly notify us at once.

ADIRONDACK ENVIRONMENTAL INVESTIGATIONS, INC.
~~30-B WEST MAIN STREET~~ PO Box 270
CAMBRIDGE, NEW YORK 12816

PHONE NUMBER (518) 677-3958
FAX NUMBER (518) ~~677-2720~~

TO: BILL JESMORE / DEC WARRENSBURG

FROM: SUSAN KATHERINE HOWARD

DATE: 29 JULY 91

SUBJECT: POTENTIAL SPILL AT CAMAROTA CLEANERS
AIE PROJECT NO. C347-01-D-01

ATTACHED IS A COPY OF THE RESULTS OF A SOIL
GAS SURVEY AT CAMAROTA CLEANERS, MECHANICVILLE
NY. THE REPORT INDICATES THAT VOC'S, MAINLY
PERCHLORETHYLENE, ARE PRESENT IN THE SOILS
BENEATH THE PLANT. SAMPLE LOCATION # 5
INDICATES A TOTAL VOC LEVEL OF 83.4 PPM
(83,400 PPB).

OUR TESTING WAS CONDUCTED AT THE REQUEST
OF KEY BANK NA. KEY BANK IS NOT THE
OWNER OF THE SUBJECT PROPERTY. THE
PRESENT OWNER IS: MR. FRED CAMAROTA,
315 BROADWAY, MECHANICVILLE, N.Y. 12118. (518)
664-3362.

AS WE ARE NOT EMPLOYED BY THE OWNER, NO
FURTHER ACTION WILL BE TAKEN BY US
REGARDING THIS POTENTIAL SPILL, HOWEVER,
WOULD YOU PLEASE SEND A COPY OF YOUR
NOTIFICATION LETTER TO MR. CAMAROTA
TO US, ALONG WITH THE SPILL NUMBER
ASSIGNED TO THE CASE.

PLEASE FEEL FREE TO CONTACT ME FOR
ANY ADDITIONAL INFORMATION YOU MAY
NEED.

NYS DEC
RECEIVED

JUL 30 1991

ENVIRONMENTAL QUALITY REGION 5
WARRENSBURG, N.Y.

REGARDS

Suzi Howard

**SOIL GAS SURVEY
Former CAMAROTA CLEANERS, INC.
Mechanicville, New York**

Prepared for:

**Adirondack Environmental Investigations, Inc.
P.O. Box 270
Cambridge, New York**

Prepared by:

**Specialized Environmental Monitoring
16 Anyhow Lane
Wilton, New York**

July 1991

**NYS DEC
RECEIVED**

JUL 30 1991

**ENVIRONMENTAL QUALITY REGION 5
WARRENSEN N.Y.**

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1.0 INTRODUCTION

Specialized Environmental Monitoring (SEM-Wilton, New York) was retained by Adirondack Environmental Investigations, Inc., Cambridge, New York to perform a soil gas survey (SGS) to evaluate subsurface conditions on the property of Camarota Cleaners, Inc., Mechanicville, New York.

The purpose of this report is to document the activities that were performed during the soil gas survey and to identify and quantify the presence of compounds beneath the paved or soil surface of the property.

This survey was limited to ten volatile organic compounds (VOC's) comprising of chlorinated (alkenyl halide) compounds and petroleum-based compounds.

This soil gas survey was performed on July 16, 1991

2.0 SITE DESCRIPTION

Camarota Cleaners, Inc. is located on the south-east corner of Park Avenue and Second Street in the town of Mechanicville, Saratoga County, New York.

The property is situated in a relatively dense residential neighborhood a short distance (couple blocks) from the downtown business area.

A large two story house borders (within approximately 10 feet) the south end of the property and a second two story house borders (within 25 feet) the east side of the property.

3.0 PURPOSE

This soil gas survey was conducted to identify potential sub-surface soil contamination from past dry cleaning activities and/or underground fuel tank leakage.

The survey provides a grab sample screen of the shallow vadose (unsaturated) zone to be used as an indicator to determine the necessity for more intensive investigation.

4.0 SITE PREPARATION

Eight sampling points were measured with a measuring tape and oriented to fixed lines and corners of the building.

Each point was marked by painting a circle on asphalt or the ground surface. These locations are shown on Figure 1

5.0 METHODOLOGY

5.1 Soil Gas Sampling

One sample location had to be pre-drilled with a drill hammer and auger to allow access beneath asphalt.

Sampling locations were then prepared by using a "slam bar" to drive a 5/8-inch solid steel rod to a maximum depth of four feet, removing it and inserting a 1/2-inch diameter hollow aluminum tube into the hole to maintain the opening in the shallow-vadose zone. Care was taken to ensure that the tube was not plugged or inserted into any high moisture laded material or groundwater. Following placement of the aluminum tube, surface soil and a bentonite slurry seal were packed into the annular space around the tube at the top of the probe hole to prevent potential infiltration of surface air during sampling.

Soil gas samples were collected with a 125 milliliter gas sampling bulb. The sampling bulb consists of a wide glass tube with Teflon stopcock valves at either end and a septa in the center of the glass wall to allow for sample withdrawal. The top of the aluminum tube in the probe hole was connected with dedicated 1/2-inch polyethylene tubing to one of the valves of the gas sampling bulb. The other bulb valve was connected with tubing to a laboratory bench vacuum pump. The vacuum pump withdrew soil gas up through the subsurface probe and glass bulb until approximately 2 liters (6 sampling train volumes) was purged from each probe hole. Soil gas was contained in the glass bulb by closing the valve nearest the pump first, then stopping the pump. The other valve was left open to the soil gas source for approximately 30 seconds to allow the system to come to equilibrium pressure. Following this, the second valve was closed and the sample was removed for analysis.

The dedicated polyethylene tubing was discarded and replaced for each new sampling location. All samples were performed within 30 minutes of collection. A needle was inserted through the septa of the sampling bulb and a sample was withdrawn using a 500 microliter syringe for injection into the gas chromatograph (GC).

5.2 Analytical Methodology

A Photo Vac 10S70 gas chromatograph, mobilized on-site by SEM, was equipped with a photoionization detector (PID) and an on board computer which was programmed to analyze samples for target volatile organic compounds (TCE) trichloroethylene, (Perc) tetrachloroethylene, benzene, toluene, ethyl benzene, and xylenes.

The Photo Vac GC analyses gaseous samples and is capable of generating quantitative data specific to each compound. After injection into the instrument, the gaseous sample passes through a chromatographic column prior to the PID. The various VOCs pass through this column at different rates and thus reach the detector at different times after injection. A strip-chart record of detector response versus time is obtained during each analysis and the presence of VOCs in the sample is manifested by peaks on this strip-chart record.

The portable GC measures two parameters for each peak observed during an analysis. First, the length of time is measured between the initial injection of the sample and the detection of the peak. This time is known as the retention time and each VOC has a characteristic retention time relative to those of other compounds. For example, the retention time of Perc is greater than that for toluene. Retention times allow the identification of VOCs in the sample. Second, the portable GC integrates the detector response to measure the area under the peak. The area is measured in millivolt seconds (mv-s) and is proportional to the concentration of the compound in the sample.

Prior to the start of field activities, the instrument was calibrated to recognize retention times and convert peak areas into concentrations for the target VOCs. Standards were prepared by injecting a measured volume of headspace over a pure compound into a one liter glass bulb that had been thoroughly flushed with organic free (ultra zero grade) air. The concentration of the standard was calculated using the ambient temperature, the vapor pressure of the compound at that temperature, the noble gas law and other related equations.

A library was programmed into the instrument by sequentially analyzing each standard. A syringe was used to withdraw 250 microliters (ul) of the headspace gas and inject the vapor into the instrument for analysis. A peak was detected for the standard and recognized, but not identified or quantitated by the instrument; the peak is simply recognized as having a certain retention time and peak area. The analyst enters both the identity and concentration of the standard and repeats this process for each of the remaining target VOCs. At the end of the initial calibration, the portable GC can identify and quantitate the peaks associated with the target VOC. Other peaks which are recognized during the analysis remain unidentified and a retention time and peak area are reported rather than a compound and concentration.

The retention time and detector response are influenced by other conditions such as the internal temperature of the instrument and the rate of gas flow through the column. Although regulated, some variations in these conditions occur and act to shift the retention times and response factors of the target VOCs. Thus continuing calibration must be routinely performed.

The continuing calibration is performed by injecting a standard, such as Perc, into the portable GC for analysis. Using a keyboard command, the analyst instructs the instrument to recalibrate the library. After the peak is detected, the analyst enters both the identity and concentration. The retention times and response factors for all of the target VOCs in the library are then linearly adjusted relative to that calibration standard.

At a minimum, a continuing calibration was performed during field work. However, since the field conditions tended to be warm in the morning hours and significantly warmer as the day progressed, the instrument was recalibrated throughout the day. The analyst monitored the retention time for the shifts (caused by the temperature fluctuations) in excess of approximately 5%. Retention time shifts of this magnitude or greater would result in the inability of the instrument to identify and quantitate peaks which were detected.

The PID is coupled to a 10.6 electron-volt ultraviolet lamp which is capable of ionizing all of the VOC target analytes during the survey. However, the detector's sensitivity for these compounds may vary. Sample analyses were conducted by injecting with a syringe, 250 ul aliquots of sample vapors into the GC; comparisons of sample instrument responses were made to that of calibration standards previously into the GC memory. Documenting the analysis, the GC prepared a strip-chart record detailing the concentration of recognized compounds and the raw instrument response of "unknown" compounds detected in the sample. In the event that sample results were above the linear range of the instrument calibration, a smaller aliquot was injected and the sample results were corrected for the "dilution factor".

6.0 QUALITY ASSURANCE/QUALITY CONTROL

A background, on-site air sample was collected and analyzed at the end of the days field activities. This sample consisted of ambient air collected into the glass sampling bulb which effectively served as a field blank. This background sample did indicate low levels of carry over contamination from previous samples. A syringe blank was also injected into the GC and this sample did not indicate any cross contamination potential.

Decontamination of the 5/8-inch steel rod was performed following the preparation of each sample location. The rod was rinsed with distilled water, washed with detergent, and final rinsed with distilled water. Each aluminum tube was cleaned prior to mobilization and was dedicated to only one soil sampling location; therefore, field decontamination was not required. The polyethylene tubing which connected the aluminum probe to the glass sampling bulb was dedicated and therefore discarded following each sample collection. In order to minimize potential carry-over or cross contamination, repeated flushing with purified air through the glass sampling bulb and syringes was conducted between samples.

7.0 ANALYTICAL RESULTS

Examination of the raw data (i.e., sample chromatograms) reveals that high concentrations of tetrachloroethylene (perc) was detected in the soil gas sample taken directly behind the cleaner facility (over 82 parts per million; ppm). This sample location (sample # 5) is most likely the source of the contamination problem as there are two other locations that indicate lesser concentrations of perc over 3 ppm; (sample # 2 with 3.8ppm and sample # 4 with 3.3ppm). All other sample locations revealed the presence of perc at levels lower than 1ppm.

Sample # 1 collected in front of the facility beneath the lawn, indicated the presence of petroleum-based compounds in the range of 40 to 478 parts per billion (ppb). These levels are not significant in trying to determine potential leaks from the underground fuel tank in the vicinity of sample # 6 which does not show any level of petroleum contamination.

The main compound evaluated during analysis is an organic solvent by nature and its presence would be anthropogenic (i.e., introduced by human activities). In general, the site exhibits evidence of subsurface contamination (i.e., concentrations above background or normal) with selected areas indicating higher levels of contamination.

Soil gas screening cannot identify the specific vertical location of the source of contamination, especially in the absence of any other subsurface hydrogeologic information (i.e., depth to water, soil type, depth to rock). It does, however, provide a useful indication of the horizontal extent of contamination. Any given concentration of soil gas can be from a "highly" contaminated source at a "greater" depth, or a less contaminated source at a shallower depth. The soil gas may be derived from contaminated soil, or from product dissolved in, or floating on top of, groundwater- or both.

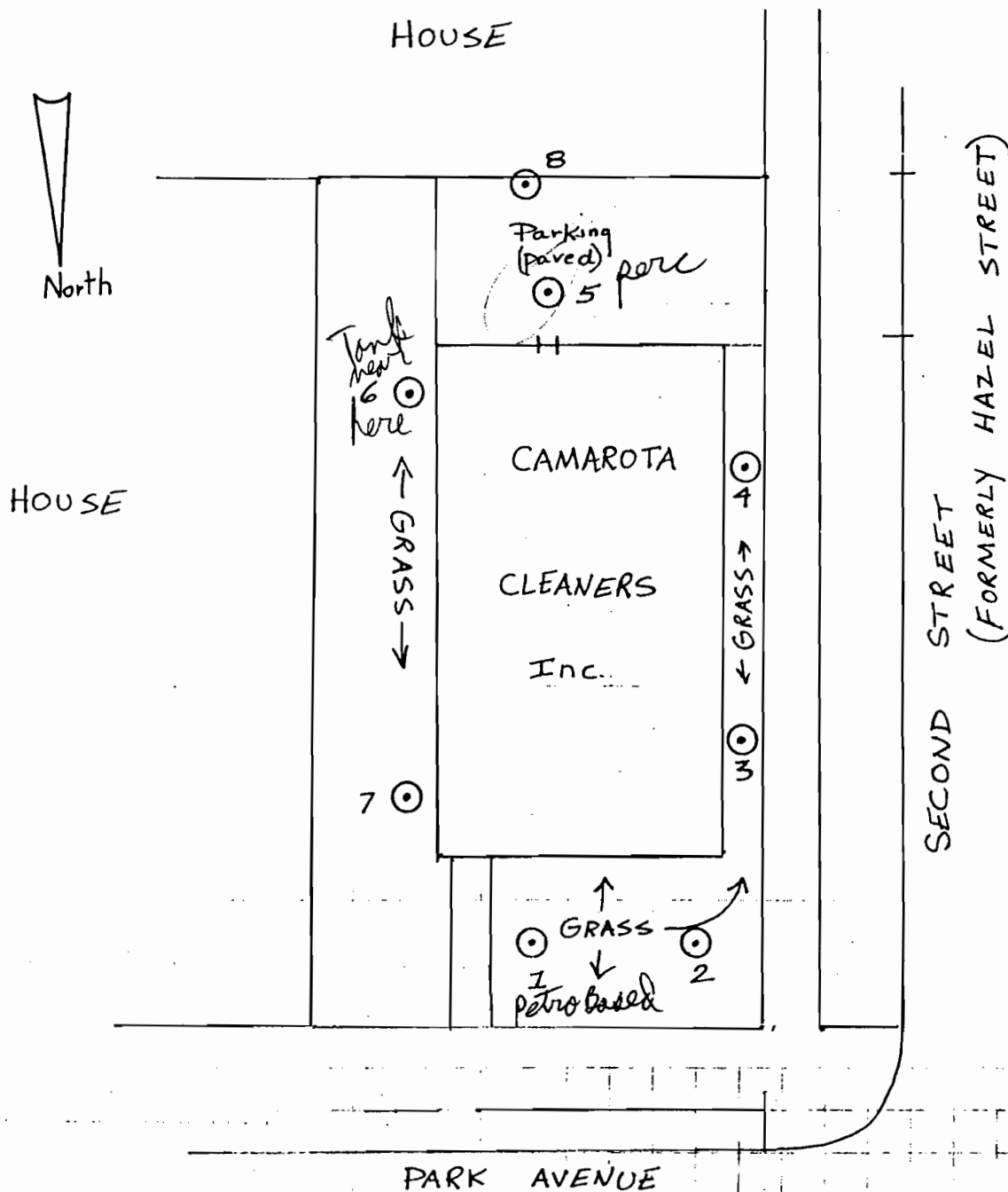
The elevated levels of soil gas measured at the Camarota Cleaners facility suggest that relevant regulatory levels for soil and/or groundwater may be exceeded. While it is very likely that these levels are present, it is not known what they are for soil or groundwater, nor whether they pose an overall risk to the environment.



SPECIALIZED ENVIRONMENTAL MONITORING

16 Anyhow Lane • Wilton, New York 12831 • (518) 587-5510

Figure 1

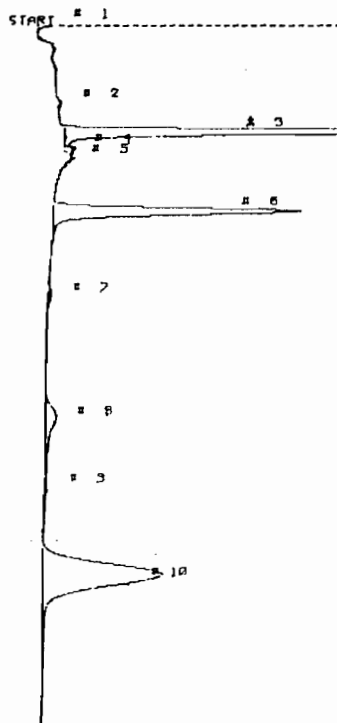


⊙ Soil Gas Sampling Locations

SOIL GAS SURVEY
JULY 16, 1991

GAS CHROMATOGRAMS

PHOTOVAC



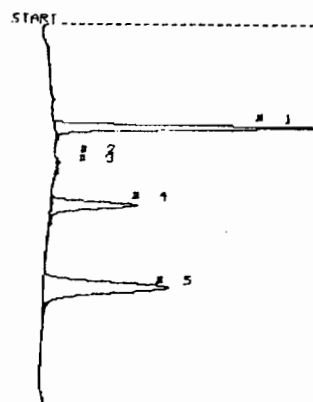
STOP @ 1100.0
 SAMPLE LIBRARY 1 JUL 15 1991 22:55
 ANALYSIS # 2 KEY BANK
 INTERNAL TEMP 23 STANDARD
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	1.3	7.7 AUS
BENZENE	2	124.7	2.052 PPM
TCE	3	102.6	1.515 PPM
UNKNOWN	4	136.1	220.2 AUS
UNKNOWN	5	211.7	6.0 AUS
TOLUENE	6	234.3	1.056 PPM
PERC	7	122.6	1.035 PPM
UNKNOWN	8	622.2	1.5 US
m-AND p-XYLENE	9	727.6	6.330 PPM
o-XYLENE	10	873.0	1.035 PPM

PHOTOVAC

1	COMPOUND	10	R.T.	LIMIT
TOLUENE	1	234.3	0.000 PPM	
ACETONE	2	124.0	0.000 PPM	
OLK	3	26.1	0.000 PPM	
TCE	4	102.0	0.000 PPM	
PERC	5	125.7	0.000 PPM	
BENZENE	6	124.0	0.000 PPM	
ETHYL BENZENE	7	621.6	0.000 PPM	
m-AND p-XYLENE	8	721.0	0.000 PPM	
o-XYLENE	9	876.0	0.000 PPM	

PHOTOVAC



STOP @ 600.0
 SAMPLE LIBRARY 1 JUL 10 1991 11:41
 ANALYSIS # 2 REI-KEY BANK
 INTERNAL TEMP 26 PERC STANDARD
 GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
TCE	1	105.5	327.1 PPM
UNKNOWN	2	216.1	10.0 AUS
UNKNOWN	3	232.1	0.1 AUS
TOLUENE	4	285.9	0.11.0 PPM
PERC	5	415.0	250.3 PPM

PHOTOVAC

CALIBRATED PEAK 6, TOLUENE

SAMPLE LIBRARY 1 JUL 15 1991 23:11
 ANALYSIS # 2 KEY BANK
 INTERNAL TEMP 23 STANDARD
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	1.3	7.7 AUS
BENZENE	2	124.7	1.346 PPM
TCE	3	102.6	1.434 PPM
UNKNOWN	4	136.1	220.2 AUS
UNKNOWN	5	211.7	6.0 AUS
TOLUENE	6	234.3	1.000 PPM
PERC	7	122.6	1.525 PPM
UNKNOWN	8	622.2	1.5 US
m-AND p-XYLENE	9	727.6	6.552 PPM
o-XYLENE	10	873.0	300.2 PPM

PHOTOVAC

CALIBRATED PEAK 5, PERC

SAMPLE LIBRARY 1 JUL 10 1991 11:42
 ANALYSIS # 2 REI-KEY BANK
 INTERNAL TEMP 27 PERC STANDARD
 GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
TCE	1	105.5	1.235 PPM
UNKNOWN	2	216.1	10.0 AUS
UNKNOWN	3	232.1	0.1 AUS
TOLUENE	4	285.9	1.124 PPM
PERC	5	415.0	1000.0 PPM

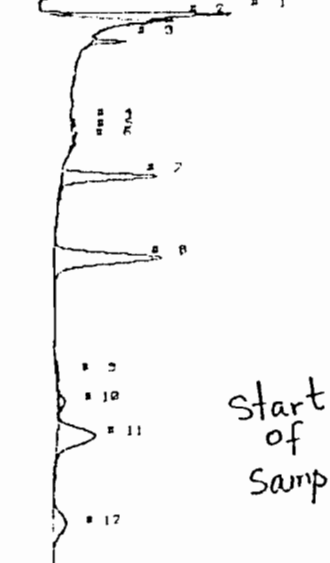
PHOTOVAC

1. COMPOUND ID # R.T. LIMIT

UNKNOWN	1	20.1	0.000 FFB
UNKNOWN	2	22.0	0.000 FFB
PERC	3	27.1	0.000 FFB
TCE	4	151.1	0.000 FFB
UNKNOWN	5	218.1	0.000 FFB
UNKNOWN	6	226.3	0.000 FFB
PERC	7	274.5	0.000 FFB
UNKNOWN	8	331.3	0.000 FFB
UNKNOWN	9	332.8	0.000 FFB
UNKNOWN	10	337.1	0.000 FFB

PHOTOVAC

START

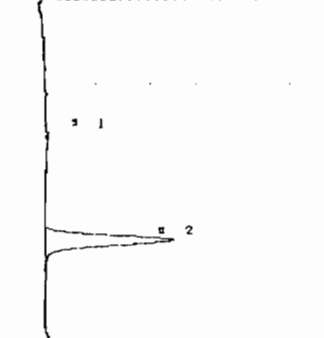


STOP # 300.0
SAMPLE LIBRARY 1 JUL 16 1991 12:10
ANALYSIS # 3 AEI-KEY BANK #1
INTERNAL TEMP 27 PERC STANDARD
GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	20.2	2.0 US
UNKNOWN	2	20.7	200.2 MUS
PERC	3	27.1	121.6 FFB
UNKNOWN	4	150.7	35.0 MUS
UNKNOWN	5	216.1	56.4 MUS
TOLUENE	7	205.3	470.9 FFB
PERC	8	415.3	331.1 FFB
UNKNOWN	9	537.1	134.2 MUS
ETHYL BENZENE	10	643.1	40.33 FFB
m-AND p-XYLENE	11	836.3	266.0 FFB
o-XYLENE	12	837.1	125.7 FFB

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START



STOP # 517.3
SAMPLE LIBRARY 1 JUL 16 1991 13:12
ANALYSIS # 4 AEI-KEY BANK
INTERNAL TEMP 23 PERC STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	218.1	10.3 MUS
UNKNOWN	2	300.0	2.2 US

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CALIBRATED PEAK 2, PERC

SAMPLE LIBRARY 1 JUL 16 1991 13:12
ANALYSIS # 4 AEI-KEY BANK
INTERNAL TEMP 20 PERC STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	218.1	10.3 MUS
PERC	2	300.0	1.000 FFB

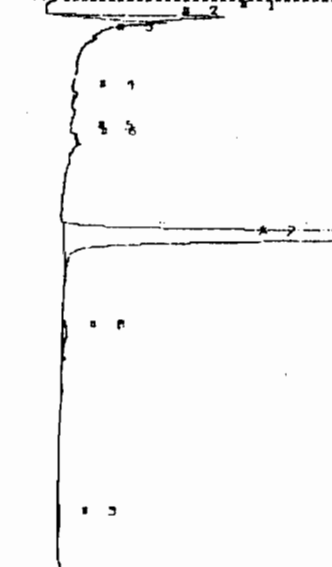
PHOTOVAC

1. COMPOUND ID # R.T. LIMIT

TOLUENE	1	205.3	0.000 FFB
ACETONE	2	58.8	0.000 FFB
PERC	3	60.6	0.000 FFB
TCE	4	151.1	0.000 FFB
PERC	5	200.0	0.000 FFB
PERC	6	110.7	0.000 FFB
ETHYL BENZENE	7	610.1	0.000 FFB
m-AND p-XYLENE	8	643.1	0.000 FFB
o-XYLENE	9	648.1	0.000 FFB

PHOTOVAC

START

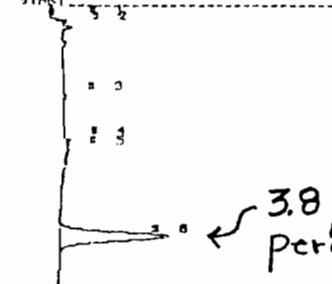


STOP # 300.0
SAMPLE LIBRARY 1 JUL 16 1991 13:10
ANALYSIS # 5 AEI-KEY BANK
INTERNAL TEMP 20 SAMPLE 2
GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.7	2.4 US
ACETONE	2	32.1	31.25 FFB
UNKNOWN	3	82.3	23.0 MUS
TCE	4	151.1	5.354 FFB
UNKNOWN	5	218.1	33.3 MUS
UNKNOWN	6	226.3	6.6 MUS
PERC	7	274.5	3.213 FFB
UNKNOWN	8	331.3	332.8 MUS
o-XYLENE	9	821.3	13.73 FFB

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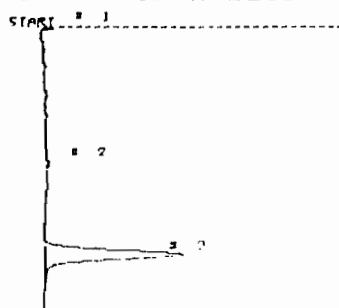
START



STOP # 450.0
SAMPLE LIBRARY 1 JUL 16 1991 13:16
ANALYSIS # 6 AEI-KEY BANK
INTERNAL TEMP 20 SAMPLE 2
GAIN 50 1-3 DILUTION

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	47.0 MUS
UNKNOWN	2	36.6	14.3 MUS
UNKNOWN	3	146.8	12.2 MUS
UNKNOWN	4	218.1	50.0 MUS
UNKNOWN	5	231.3	6.6 MUS
UNKNOWN	6	307.0	5.5 US

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STOP @ 150.0
 SAMPLE LIBRARY 1 JUL 16 1991 1416
 ANALYSIS # 2 REI-KEY BANK
 INTERNAL TEMP 30 PERC STANDARD
 GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	4.0	12.2 μS
UNKNOWN	2	216.1	14.8 μS
UNKNOWN	3	369.7	7.2 μS

PHOTOVAC

CALIBRATED PEAK 3, PERC

SAMPLE LIBRARY 1 JUL 16 1991 14110
 ANALYSIS # 2 REI-KEY BANK
 INTERNAL TEMP 31 PERC STANDARD
 GAIN 20 250 MICROLITERS

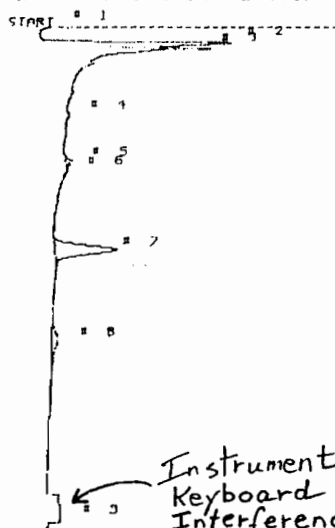
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	4.0	12.2 μS
UNKNOWN	2	216.1	14.8 μS
PERC	3	369.7	1000.0 PPM

PHOTOVAC

1. 100.00 2. 100.00 3. 100.00

ANALYSIS	1	2	3	4	5	6	7	8	9	10
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
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100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
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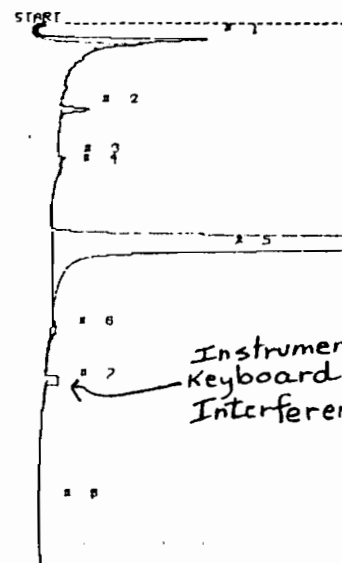
PHOTOVAC



STOP @ 800.0
 SAMPLE LIBRARY 1 JUL 16 1991 14126
 ANALYSIS # 8 REI-KEY BANK
 INTERNAL TEMP 23 SAMPLE 3
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	27.1	2.3 μS
ACETONE	3	38.1	38.05 PPM
TCE	4	112.4	1.031 PPM
UNKNOWN	5	215.7	121.4 μS
PERC	7	355.1	172.2 PPM
UNKNOWN	8	437.7	450.3 μS

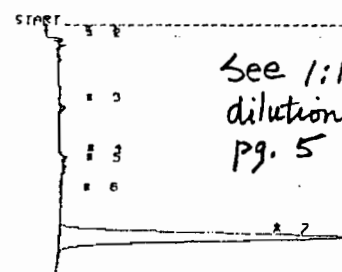
PHOTOVAC



STOP @ 850.0
 SAMPLE LIBRARY 1 JUL 16 1991 14142
 ANALYSIS # 3 REI-KEY BANK
 INTERNAL TEMP 30 SAMPLE 4
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	28.7	2.1 μS
TCE	2	135.7	40.64 PPM
UNKNOWN	3	215.7	60.5 μS
UNKNOWN	4	231.3	7.7 μS
PERC	5	316.7	7.225 PPM
UNKNOWN	6	408.0	230.3 μS
ETHYL BENZENE	7	567.1	38.07 PPM
O-XYLENE	8	737.5	3.179 PPM

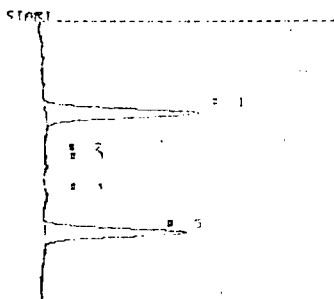
PHOTOVAC



STOP @ 100.0
 SAMPLE LIBRARY 1 JUL 16 1991 14151
 ANALYSIS # 10 REI-KEY BANK
 INTERNAL TEMP 31 SAMPLE 4
 GAIN 50 1-5 DILUTION

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	28.0	42.1 μS
ACETONE	2	35.3	1.312 PPM
TCE	3	137.6	6.453 PPM
UNKNOWN	4	215.7	53.8 μS
UNKNOWN	5	231.3	7.7 μS
UNKNOWN	7	311.0	14.0 μS

PHOTOVAC



STOP 0 450.0
 SAMPLE LIBRARY 1 JUL 16 1991 15:14
 ANALYSIS # 10 PEI-KEY BANK
 INTERNAL TEMP 30 PERC STANDARD
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
PERC	1	145.1	1,525 PPM
UNKNOWN	2	215.7	14.0 MUS
UNKNOWN	3	231.3	15.9 MUS
UNKNOWN	4	222.8	24.5 MUS
UNKNOWN	5	332.1	7.0 US

PHOTOVAC

CALIBRATED PEAK 5: PERC

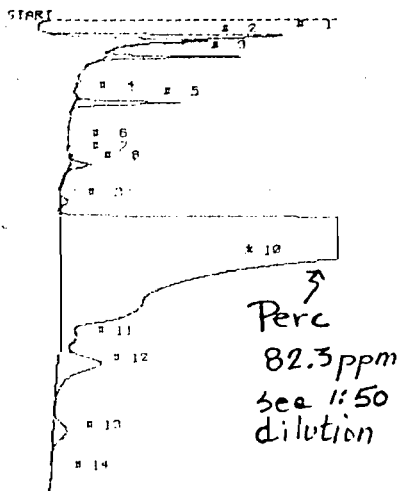
SAMPLE LIBRARY 1 JUL 16 1991 15:15
 ANALYSIS # 10 PEI-KEY BANK
 INTERNAL TEMP 30 PERC STANDARD
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	145.1	7.7 US
UNKNOWN	2	215.7	14.0 MUS
TOLUENE	3	231.3	5.221 PPM
UNKNOWN	4	222.8	24.5 MUS
PERC	5	332.1	1000.0 PPM

PHOTOVAC

1. 145.1 7.7 US
 2. 215.7 14.0 MUS
 3. 231.3 5.221 PPM
 4. 222.8 24.5 MUS
 5. 332.1 1000.0 PPM

PHOTOVAC



STOP 0 250.0
 SAMPLE LIBRARY 1 JUL 16 1991 15:21
 ANALYSIS # 10 PEI-KEY BANK
 INTERNAL TEMP 31 SAMPLE 5
 GAIN 50 250 MICROLITERS

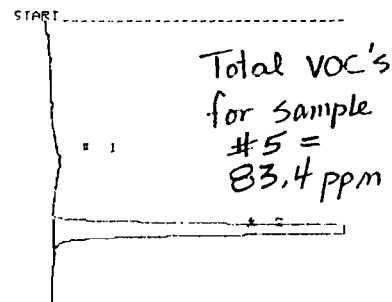
COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN	1	26.6	2.8 US
ACETONE	2	34.5	20.41 PPM
MEK	3	61.1	400.3 PPM
EE	5	133.7	121.3 PPM
UNKNOWN	6	138.1	14.2 MUS
UNKNOWN	7	215.7	30.4 MUS
TOLUENE	8	230.5	30.05 PPM
UNKNOWN	9	288.8	321.5 MUS
PERC	10	345.6	50.22 PPM
UNKNOWN	11	505.8	1.2 US
ETHYL BENZENE	12	550.1	325.0 PPM
UNKNOWN	13	656.3	1.1 US

#5

total VOC's excluding
 Perc: 1137.9 ppb or
 1.13 ppm
 Perc + 82.3 ppm

PHOTOVAC

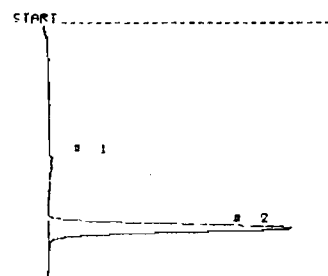


STOP 0 450.0
 SAMPLE LIBRARY 1 JUL 16 1991 15:22
 ANALYSIS # 14 PEI-KEY BANK
 INTERNAL TEMP 31 SAMPLE 5
 GAIN 20 1-25 DILUTION

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN	1	215.7	13.1 MUS
PERC	2	322.6	6.506 PPM

PHOTOVAC

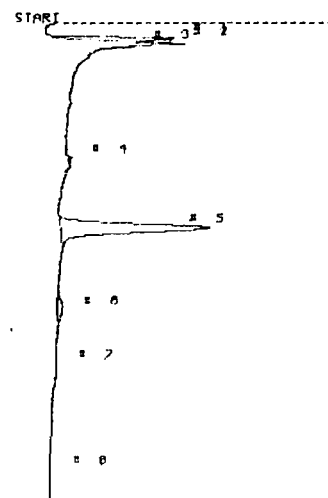


STOP 0 100.0
 SAMPLE LIBRARY 1 JUL 16 1991 15:11
 ANALYSIS # 15 PEI-KEY BANK
 INTERNAL TEMP 32 SAMPLE 5
 GAIN 20 1-50 DILUTION

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN	1	215.7	13.4 MUS
PERC	2	328.1	1.646 PPM

PHOTOVAC

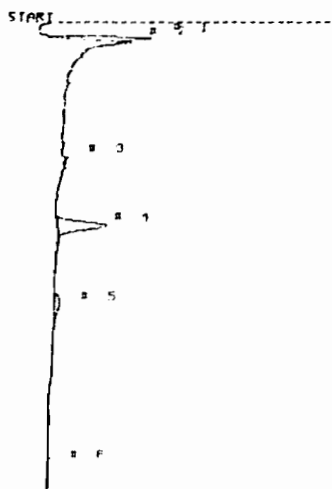


STOP 0 250.0
 SAMPLE LIBRARY 1 JUL 16 1991 15:18
 ANALYSIS # 16 PEI-KEY BANK
 INTERNAL TEMP 31 SAMPLE 6
 GAIN 50 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN	1	28.4	322.2 MUS
ACETONE	2	34.8	83.10 PPM
UNKNOWN	3	35.8	33.6 MUS
UNKNOWN	4	215.7	42.3 MUS
PERC	5	325.7	411.5 PPM
UNKNOWN	6	453.2	404.6 MUS
ETHYL BENZENE	7	532.3	1.224 PPM
O-XYLENE	8	702.3	8.815 PPM

PHOTOVAC

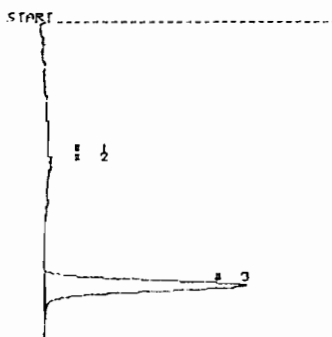


STOP # 250.0
 SAMPLE LIBRARY 1 JUL 16 1991 16:24
 ANALYSIS # 12 AEI-KEY BANK
 INTERNAL TEMP 21 SAMPLE 7
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM

UNKNOWN	1	26.2	1.0 US
ACETONE	2	34.2	24.75 PPM
UNKNOWN	3	215.7	51.2 PPM
PERC	4	322.7	175.6 PPM
UNKNOWN	5	446.8	524.6 PPM
D-XYLENE	6	631.5	7.179 PPM

PHOTOVAC

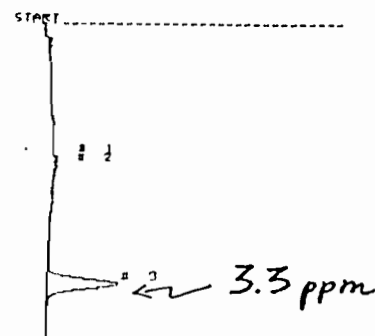


STOP # 500.0
 SAMPLE LIBRARY 1 JUL 16 1991 20:23
 ANALYSIS # 2 AEI-KEY BANK
 INTERNAL TEMP 26 STANDARD-PERC
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM

UNKNOWN	1	216.1	21.5 PPM
UNKNOWN	3	418.1	12.6 US

PHOTOVAC

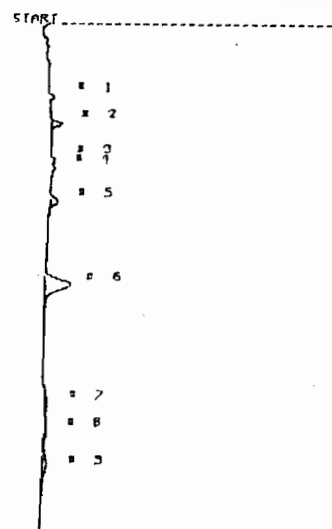


STOP # 500.0
 SAMPLE LIBRARY 1 JUL 16 1991 20:25
 ANALYSIS # 3 AEI-KEY BANK
 INTERNAL TEMP 26 SAMPLE 4
 GAIN 50 1-10 DILUTION

COMPOUND NAME	PEAK	R.T.	AREA/PPM

UNKNOWN	1	216.1	22.4 PPM
PERC	3	418.6	331.0 PPM

PHOTOVAC

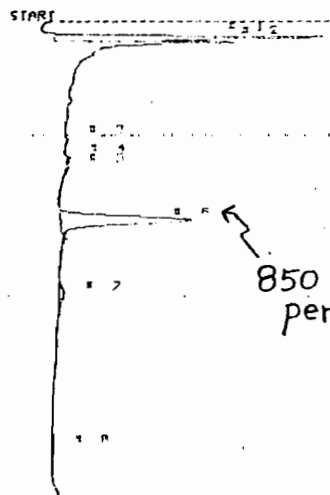


STOP # 800.0
 SAMPLE LIBRARY 1 JUL 16 1991 20:51
 ANALYSIS # 1 AEI-KEY BANK
 INTERNAL TEMP 25 BLANK
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM

BENZENE	1	118.5	6.405 PPM
ACE	2	161.0	27.21 PPM
UNKNOWN	3	216.1	20.2 PPM
TOLUENE	5	203.3	60.13 PPM
PERC	6	418.3	121.4 PPM
UNKNOWN	7	601.3	246.5 PPM
ETHYL BENZENE	8	644.2	3.502 PPM
D-AND P-XYLENE	9	702.3	19.97 PPM

PHOTOVAC



STOP # 250.0
 SAMPLE LIBRARY 1 JUL 16 1991 16:52
 ANALYSIS # 13 AEI-KEY BANK
 INTERNAL TEMP 21 SAMPLE 8
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM

UNKNOWN	1	26.1	4.9 US
ACETONE	2	34.2	423.5 PPM
UNKNOWN	3	100.5	12.4 PPM
UNKNOWN	4	215.7	67.8 PPM
UNKNOWN	6	314.7	6.9 US
UNKNOWN	7	433.2	334.3 PPM
D-XYLENE	8	625.3	3.418 PPM

PHOTOVAC

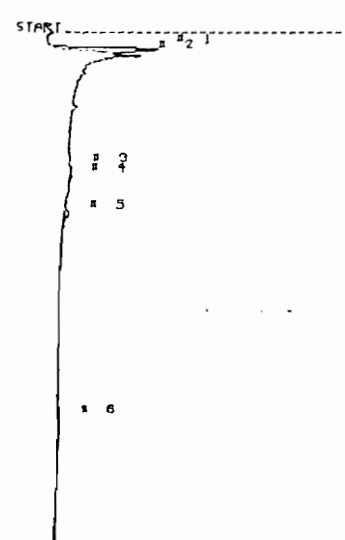
CALIBRATED PEAK 3, PERC

SAMPLE LIBRARY 1 JUL 16 1991 20:124
 ANALYSIS # 2 AEI-KEY BANK
 INTERNAL TEMP 25 STANDARD-PERC
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM

UNKNOWN	1	216.1	21.5 PPM
PERC	3	418.1	1.000 PPM

PHOTOVAC



STOP @ 800.0
 SAMPLE LIBRARY 1 JUL 16 1991 21147
 ANALYSIS # 5 REI-KET BANK
 INTERNAL TEMP 21 STRINGS BLANK
 OVEN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	28.6	1.1 US
UNKNOWN	2	38.4	233.6 AUS
UNKNOWN	3	216.1	22.4 AUS
TOLUENE	5	287.8	24.23 PPM
UNKNOWN	6	610.1	114.2 AUS

REFERENCE 10

NYS DEC Region 5
Oil & Hazardous Material Spill - Fact Sheet
06/08/92

Spill Name: Cammarattas Dry Cleaners
Spill No: 9104582

Spill Time: 1400
Spill Date: 07/17/91

Central Office Date: 07/29/91
Central Office Time: 1348

Answering Service Date: / /
Answering Service Time: 0

Regional Office Date: 07/18/91
Regional Office Time: 930

Material Class: Hazardous material
Petroleum Spilled: No Data Entered
Other Material: See remarks

Quantity Spilled: 0.00 U
Quantity Recovered: 0.00 U
Spill Cause: Unknown

Spiller: Cammarattas Dry Cleaners
Street:
City, State, Zip: C: Fred Cammarattas
Telephone: 518-664-3362

Spill Source: Unknown
Spill Location: 325 Park Ave
Municipality: Mechanicville
County: SARATOGA SWIS Code: 41

Waterbody:
Notifier: Other (see Remarks)

Resources Affected: On land
Drainage Basin: 0

Remarks:

Soil gas survey showed 83K PPb of per chlorethylene @ 4' depth surrounding bldg. also found Acetone and trichloroethylene. 10/17/92-asked for further assessment. 2/13/92 asked for report.

Caller: Susan Howard
Affiliation: Adir. Envir. Investigator
Telephone: 518-677-3958

Pin Number: 0 T/A: 0
Status: A Cost Center Code (St.):
Cleaner: No Action Taken Clean Date: / /
Date I.S.R. sent to C.O.: / /

UST Trust Eligible?: No
Cost Center Code (Fed):

PBS Number: 0
Tank ID Numbers:

Close Date: / /

Investigator: BJ
Last Update: 02/21/92

NYS DEC Region 5
Oil & Hazardous Material Spill - Fact Sheet
08/20/93

Spill Name: Cammarattas Dry Cleaners
Spill No: 9104582

Spill Time: 1400
Spill Date: 07/17/91

Central Office Date: 07/29/91
Central Office Time: 1348

Answering Service Date: / /
Answering Service Time: 0

Regional Office Date: 07/18/91
Regional Office Time: 930

Material Class: Hazardous material
Petroleum Spilled: No Data Entered
Other Material: See remarks

Quantity Spilled: 0.00 U
Quantity Recovered: 0.00 U
Spill Cause: Unknown

Spiller: Fred Cammaratta
Street: 515 Broadway
City, State, Zip: Mechanicville, NY 12118
Telephone: 518-664-3362

Spill Source: Unknown
Spill Location: 325 Park Ave
Municipality: Mechanicville
County: SARATOGA SWIS Code: 41

Waterbody:
Notifier: Other (see Remarks)

Resources Affected: On land
Drainage Basin: 0

Remarks:

Soil gas survey showed 83,000 ppb of per chlorethylene @ 4' depth surrounding bldg. also found Aceto
ne and trichloroethylene. 10/17/92-asked for further assessment. 2/13/92 asked for report.

Caller: Susan Howard
Affiliation: Adir. Envir. Investigator
Telephone: 518-677-3958

Pin Number: 92111 T/A: 8781
Status: C Cost Center Code (St.): 90921117--92
Cleaner: DEC Contractor Clean Date: 08/20/93
Date I.S.R. sent to C.O.: / /

UST Trust Eligible?: No
Cost Center Code (Fed):

PBS Number: 0
Tank ID Numbers:

Close Date: / /

Investigator: BJ
Last Update: 08/20/93

NYS DEC Region 5
History Records For Spill Number 9104582
08/20/93

DATE	HISTORY

08/20/93	Performed subsurface investigation, found dry cleaning fluids in the groundwater and some levels detected in nearby houses. Turned over to Hazardous waste remediation and to DOH-Environmental Exposure.

INVESTIGATIVE SUMMARY REPORT

To: Thomas Quinn, Bureau of Spill Response, Rm 326
From: Regional Spill Engineer

Date: 08/20/93
Region: 5

Spill Number: 9104582
Cost Center(S): 90921117--92
Cost Center(F):

Pin No: 92111
T/A Code: 8781

Spill Date: 07/17/91
Date Cleanup Completed: 08/20/93

Date Spill Reported: 07/18/91

Amount Spilled: OU
Amount Recovered: OU

Material Class: Hazardous Material
Petroleum Spilled: No Data Entered
Material Spilled: See remarks

Spill Name: Cammarattas Dry Cleaners
Owner's Name: _____

Spill Location: 325 Park Ave
City/Town: Mechanicville
County: SARATOGA

Resources Impacted: On land

Caller: Susan Howard
Affiliation: Adir. Envir. Investigator
Telephone: 518-677-3958

Spiller 1-----
Name: Fred Cammaratta
Street: 515 Broadway
Ci,St,Zip: Mechanicville, NY 12118
Ins.Carrier: _____
Policy No. : _____

Spiller 2-----
Name: _____
Street: _____
Ci,St,Zip: _____
Ins.Carrier: _____
Policy No. : _____

Spiller 3-----
Name: _____
Street: _____
Ci,St,Zip: _____
Ins.Carrier: _____
Policy No. : _____

Spiller 4-----
Name: _____
Street: _____
Ci,St,Zip: _____
Ins.Carrier: _____
Policy No. : _____

NYS DEC
RECEIVED

SEP 17 1993

ENVIRONMENTAL QUALITY REGION 5
WARRENSBURG, N.Y.

Mike Cox

Region: 5

Spill Number: 9104582

Pin No: 92111

Source and cause of spill: Unknown / Unknown

Investigation Performed

Pictures taken

☒ Samples results (water, soil, air). Please circle☒ Gas chromatograph tapes available☐ Witness statement/Name & Address. (If yes, identify below.)☐ Police report☒ Hydrogeological report available☒ Boring logs☒ Letter of responsibility sent☐ Motor vehicle accident report:

License No. _____ Vehicle Type _____

ECO ticket issued/violation _____

Other (please describe) _____

Conclusion: Soil Gas Survey was completed by owner for a property transfer. Dry
cleaning fluids and petrotype chemicals were detected. Division of Spills
Management (DSM) completed a subsurface investigation which found neighboring
residences potentially impacted and the groundwater impacted by hazardous materials.
Petroleum compounds were not significantly detected. DSM has turned the site over
to the Division of Hazardous Waste Remediation and the Department of Health's
Environmental Exposure.

☐ Recommendation for penalty attached.☐ Penalty is not recommended as ECL violations are pursued.☒ Penalty is not recommended.William J. Snorel
Regional Spill Investigator9/1/93
DateM. C. C. C. C.
Regional Attorney9/15/93
Date

REFERENCE 11

SUBSURFACE INVESTIGATION

performed at

Spill # 91-04582
Camarota's Cleaners
323 Park
Mechanicville, New York

for

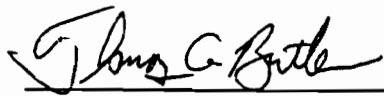
New York State Department of Environmental Conservation
Region 5
Hudson
Warrensburg, NY

prepared by

Environmental Products and Services, Inc.
Albany, NY
(518) 465-4000

Completion date - September, 1992

Prepared By:



Thomas A. Butler
Hydrogeologist

Reviewed By:



John Johnson
Technical Director

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5. Iso-Concentrations Map

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2. Well Gauging Data
3. Hydraulic Conductivity Data
4. Summary Table of Soil Sample Analytical Data
5. Total Soil Hydrocarbon Concentrations with Depth
6. Summary Table of Groundwater Analytical Data

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- Appendix A- Soil Gas Survey
Appendix B- Monitoring Well/Test Boring Logs
Appendix C- Site Visit Reports
Appendix D- CTM Analytical Results

1.0 INTRODUCTION:

Environmental Products & Services, Inc. (EPS) was contracted by the New York State Department of Environmental Conservation (DEC) to investigate potential fuel oil and dry cleaning fluid releases that occurred at the former Camarota's Cleaners facility located at 323 Park Avenue, Mechanicville, New York. The commercial facility is located in a residential neighborhood on the corner of Park Avenue and Second Avenue. This report describes EPS's investigatory procedures and objectives, subsurface investigation results and site remedial options and recommendations.

2.0 INVESTIGATION OBJECTIVES:

Environmental Products & Services was contracted by the DEC to undertake a subsurface investigation at the Camarota's Cleaners dry cleaning facility. The following actions were implemented for this subsurface investigation:

- Drill three test borings, evaluate the subsurface conditions, and screen soil and rock samples for the presence of fuel oil and dry cleaning fluid contaminants.
- Install three groundwater monitoring wells in the completed test borings.
- Collect water samples from the site's three monitoring wells.
- Evaluate the site's groundwater quality, determine the nature and extent of the site's contamination and assess the potential for off-site contaminant migration.
- Identify potential sensitive receptors and impacts.
- Recommend appropriate remedial measures.

3.0 SITE DESCRIPTION:

Camarota's Cleaners is located in the City of Mechanicville on the corner of Park and Second Avenues (Figure 1). The former cleaners is located in a residential neighborhood and is surrounded by two story homes. The neighborhood is located on a former alluvial floodplain of the Anthony Kill which is located approximately 1/2 mile to the north of the site. Stormwater runoff is directed into the City's storm sewers which drain into the Hudson River.

The topography of the site is flat lying and is at an approximate elevation of 110 feet above sea level. The Hudson River is at an elevation of 45 feet above mean sea level and is located 1/2 mile to the east of the former dry cleaning facility.

Figure 2 is a site map depicting the location of Camarota Cleaners. Dunn Funeral home (319 Park Avenue) and 321 Park Avenue, a private residence, are located to the east of the cleaners. A private residence, 322 Park Avenue, is located across the street and north of Camarota Cleaners. Located to the ^{WEST} east and across Second Avenue is 101 Second Avenue, a private residence. Another private residence, 108 Second Avenue, is located to the south of the cleaners. An underground storage tank (UST) of unknown capacity, containing fuel oil, is located near the southeast corner of the building. This UST served as the cleaners source of heating oil.

Overhead electrical and natural gas service is provided by New York State Electric and Gas while New York Telephone provides Mechanicville's phone service. The Saratoga County Sewer District provides sewer service to the City of Mechanicville. Water is supplied to the residents of Mechanicville by the City of Mechanicville Water Department.

The site's electrical and phone service enters the former cleaning facility by an overhead utility pole. Underground water and natural gas service enters the facility in

the approximate location of the telephone pole noted on the site map. The dry cleaners is also tied into the public sewer system.

Access to the inside of the building was denied. It is unknown whether any floor drains inside the facility are connected to the public sewer system or lead to a dry well that is located on the site.

4.0 GROUNDWATER QUALITY ASSESSMENT AND USAGE:

Information obtained from the New York State Department of Environmental Conservation (DEC), United States Geological Survey (USGS), and local residents was used to determine the local groundwater usage and overall groundwater quality.

According to Bugliosi's map, *Availability of Ground Water in the Unconsolidated Aquifers of the Mid-Hudson River Basin, New York*, Camarota Cleaners overlies an unconsolidated aquifer capable of yielding up to 10 gallons per minute (gpm). Groundwater is not used as a potable drinking water source in the area. The City of Mechanicville is serviced by a public water supply system that uses a surface water reservoir for its water source. The reservoir is located three miles to the northwest of the cleaners.

5.0 SOIL GAS SURVEY:

A soil gas survey was undertaken at the former cleaners on July 16, 1991, by Adirondack Environmental Investigations, Inc. (Appendix A). This survey tested the site's shallow vadose zone for the following target volatile compounds: trichlorethylene (TCE), tetrachloroethylene (Perc), benzene, toluene, ethyl benzene, and xylene.

Soil gas survey points, driven into the driveway in the back of the cleaning facility, revealed the presence of Perc. The highest concentration detected was 82 parts per

million (ppm). Other Perc values in this general area were 3.8 ppm, 3.3 ppm and 3 ppm.

The soil gas survey points in the front yard of the facility, indicated the presence of petroleum-based compounds in the range of 40 to 478 parts per billion. The source of these compounds may be the underground fuel oil tank located adjacent to the southeast corner of the building. However, soil gas values adjacent to this tank did not indicate the presence of these same compounds which may indicate an off-site source.

The data from the soil gas survey is suggestive that fugitive contaminants may exceed the regulatory levels for soil/gas at the former cleaning facility. EPS undertook this subsurface investigation to determine the levels of these contaminants. The levels of these contaminants are discussed later in this report.

6.0 LOCAL GEOLOGY:

According to the *Surficial Geologic Map of New York, Hudson-Mohawk Sheet, 1987*, the cleaners overlies Recent alluvial deposits consisting of oxidized, non-calcareous, fine sand to gravel that may be overlain by silt.

According to the *Geologic Map of New York, Hudson-Mohawk Sheet, 1970*, the Canajoharie Shale formation underlies the site. This is a black fissile mudrock that is typically found in areas of lower elevation due to its susceptibility to weathering.

7.0 METHODOLOGY

7.1 Monitoring Well and Recovery Well Installation

On July 7, 1992 Environmental Products and Services, Inc. (EP&S) installed three (3) two-inch diameter (I.D.) monitoring wells, EPS-1, EPS-2, and EPS-3, at Camarota Cleaners (Figure 2). Monitoring well placement was based on the site's inferred

groundwater flow direction, the results of the soil gas survey, and the location of the underground fuel oil tank.

- EPS-1 is located to the west of the cleaners for determination of upgradient groundwater quality.
- EPS-2 is located downgradient and directly north of the cleaners. The well is approximately 14 feet away from the building. EPS-2 was installed to further investigate the occurrence of petroleum based contaminants detected in the soil gas survey at this location.
- EPS-3 is located 8 feet from the back of the building in the area where an 82 ppm reading of Perc was detected in the soil gas survey. This location is also downgradient.

EPS's Canterra CT-250 drill rig performed all soil borings and monitoring well installations. During the installation of the monitoring wells, the surficial geology was described by an Environmental Products and Services, Inc. geologist (see Appendix B). All auger cuttings which exhibited the presence of hydrocarbons were placed in labelled 55-gallon steel drums for proper disposal at a later date.

During the advancement of each soil boring, soil samples were collected using a two-foot split-spoon sampler following ASTM D-1586 protocols. Split spoon samples were collected at five feet intervals in all test borings. When bedrock was encountered, a confirmatory split spoon sample was taken. All split spoon samples were stored in clean, labelled glass jars for headspace analysis using a properly calibrated HNu brand photoionization detector (PID). Fluctuating PID readings were encountered in some of the soils samples. It is unclear whether the PID readings accurately assessed the presence of volatile organic compounds in the soil samples. To confirm the occurrence of volatile organic constituents, split soil samples were submitted for laboratory analysis; the results are discussed in subsequent sections.

7.2 Monitoring Well Construction and Development

All monitoring wells were constructed of two-inch diameter Schedule 40 PVC well screen (0.010 feet slot) and riser with flush-threaded joints. Ten feet of well screen was used in monitoring wells EPS-1 and EPS-3 while five feet of well screen was used in EPS-2. The length of the well screen was determined by the depth to bedrock and groundwater at each test boring/monitoring well location.

An appropriately sized silica sand pack was emplaced in the annular space between the borehole and the well screen. A sand pack was installed from the bottom of the well screen to a minimum of six inches above the screened interval in each well. All monitoring wells were screened to straddle the groundwater table and terminate at the bedrock surface to allow detection of free phase floating and sinking contaminants. Screening intervals above the water table were decided on a well-specific basis.

A one-foot minimum bentonite seal was placed above the top of each well's sand pack to prevent the infiltration of surface water. Each monitoring well was backfilled with cement grout to the surface. All monitoring wells were finished with a limited access flush-mounted curb boxes equipped with locking well caps.

The monitoring wells were developed on July 10, 1992 using a teflon bailer. Water was bailed from each monitoring well until the bailed water was clear or the well went dry. All bailed water was put into an on-site 55 gallon drum.

Well developing removes silt and debris that may have entered the monitoring wells during installation. The well developing process helps to restore the aquifer's hydraulic conductivity back to its original state.

7.3 Monitoring and Surveying

On July 16, 1992, all monitoring wells at the Camarota Cleaners were surveyed. All survey data was referenced to an on-site benchmark (fire hydrant on the corner of Second and Park Avenue) which was assigned an arbitrary datum of 100.00 feet. The surveying was performed by EPS personnel and the data is presented in Table 1.

All site groundwater measurements were obtained using an interface probe (IP). Water level data is presented in the site visit reports in Appendix C. Depth to groundwater ranged from 4.58 to 6.19 feet below grade in the monitoring wells. Free phase contaminants were not detected in any of the monitoring wells.

7.4 Monitoring Well Sampling Procedures

Groundwater samples were collected from the site's monitoring wells on July 16, 1992 in accordance with EPA Groundwater Sampling Methodologies. Clean teflon bailers were used for the monitoring well sampling and were properly decontaminated. Prior to sampling, each monitoring well was purged by repetitive bailing. A minimum of three well volumes were removed from each well before sampling to ensure the collection of representative water samples. All acquired groundwater samples were preserved with HCl and stored at 4-degrees Centigrade. All samples were submitted to CTM Analytical Laboratories, LTD (CTM) located in Latham, New York. The samples were analyzed in accordance with EPA Method 8240.

Samples were shipped in accordance with a laboratory Chain of Custody protocol. Analytical data is presented in Appendix B.

7.5 Soil Sampling Procedure

As stated, it was unclear whether the PID readings for the split spoon soil samples and auger cuttings accurately measured the presence of volatile organic compounds due to the erratic operation of the HNu. Split spoon soil samples were submitted to CTM Analytical Laboratories, LTD (CTM) located in Latham, New York for analysis according to EPA Method 8240. A total of 9 split spoon soil samples along with two samples from the drummed auger cuttings, FH26 and FH27, were submitted to the laboratory.

Three samples from monitoring well EPS-1 were submitted for analysis, including: auger cuttings from a depth range of 0-4 feet, and split spoon samples collected from 5-7 feet and 10-10.2 feet below grade. Monitoring well EPS-2's split spoon samples collected from 0-2 feet, 5-7 feet, and 7.5-8 feet below grade were also submitted for

analysis. The split spoon samples for monitoring well EPS-3, from the depths of 0.5-2.5 feet, 5-7 feet and 10-11.2 feet below grade, were also submitted. Results of this analysis are presented in Appendix D and summarized in Section 8.0.

8.0 HYDROGEOLOGIC FINDINGS AND DATA INTERPRETATION

8.1 Site Geology

During the installation of the three groundwater monitoring wells, the subsurface conditions were described by an Environmental Products and Services, Inc. geologist (see Appendix A). A brown to gray medium sand with little coarse to fine gravel is found across the site and extends from the surface to a depth of 3 feet in EPS-3, and to 4 feet in EPS-2 and EPS-1.

Occurring below the sand unit, is a gray to brown clay with some silt, little coarse to fine gravel. The clay content of this unit appears to increase with depth. The clay unit extends below the sand unit to a maximum depth of 7.5 feet, 10 feet, and 11.2 feet in respective monitoring wells, EPS-2, EPS-1 and EPS-3. The clay unit has an average site thickness of approximately 6 feet.

Bedrock, which consists of a gray weathered shale, is found at depths ranging from 7.5 feet in EPS-2, to 11.2 feet in EPS-3. Based upon the appearance of shale recovered in the split spoon samples, the bedrock formation is probably the Canajoharie Shale. The fracture and bedding orientation of the shale unit is unknown. Figure 3 is a bedrock topography map which indicates that the bedrock surface slopes to the southwest direction. Any potential sinking contaminants that would encounter this surface would preferentially migrate in the downslope direction.

8.2 Site Hydrogeology

Depth to groundwater was measured in the monitoring wells during each site visit and is found at an approximate depth of 5 feet across the site. Table 2 is a summary table of the well gauging information collected during EPS's site visits.

A groundwater gradient map was developed from the September 2, 1992 gauging data and is included as Figure 4. Based on data obtained from the monitoring wells, the localized groundwater flow is in a southeasterly direction. The average hydraulic gradient across the site was calculated to be approximately 0.003 feet/feet (vertical feet vs. horizontal feet). This is a very flat gradient.

Rising head tests using an Insitu Hermit data logger and a slug were conducted at the site. A pressure transducer and slug were emplaced in each well and left there until enough time had passed that the water table had stabilized. When the water table stabilized, the slug was quickly removed and the data logger collected water level readings at 2 second intervals. This data was then graphed and the permeability at each monitoring well location was calculated using a modified Horslev hydraulic conductivity equation.

The Hydraulic conductivity values are summarized in Table 3. There was insufficient water in EPS-2 to conduct an accurate rising head test due the wells shallow depth. The hydraulic conductivity values for EPS-1 and EPS-3, are respectively 1.6×10^{-3} cm./sec. and 7.7×10^{-3} cm./sec. are typical of medium to fine sands.

Using the following formula, the groundwater flow velocity for the Camarota Cleaners site can be calculated.

$$V = \frac{K \cdot H}{n}$$

V = Groundwater Flow Velocity (ft./day)

K = Hydraulic Conductivity

H = Groundwater Gradient (ft./ft.)

n = Porosity of Material

An average hydraulic conductivity value of 4.65×10^{-3} cm/sec, was used for calculating the site's groundwater flow velocity. A porosity value of 30 percent was estimated for

the sand unit. Using the above values, the site's groundwater velocity was calculated to be 4.65×10^{-5} ft./day. This is a fairly typical value for a flat lying groundwater table.

8.3 Soil Sampling Results

Eleven soil samples were collected and submitted for analysis using EPA Method 8240. The two drum samples, FH26 and FH27, which consist of auger cuttings, underwent additional TPH analysis. The analytical data is presented in Appendix D and summarized in Table 4.

Samples FH26 and FH27 were composite soil samples of the auger cuttings. These samples had 1700 and 1400 parts per million (ppm) of petroleum hydrocarbons, respectively. Although none of the split spoon samples underwent TPH analysis, these TPH values suggest the presence of petroleum hydrocarbons in the soils at all the monitoring well locations.

Methylene chloride, tetrachloroethene (perc), and acetone were found in the soil samples. Table 5 demonstrates the total soil hydrocarbon concentrations found at depth at each monitoring well location. EPS-3 exhibits the highest level of hydrocarbon contamination with a total concentration of 16,660 parts per billion in the 5-7 feet split spoon sampling interval. This interval approximately corresponds to the depth of the upper portion of the clay unit. It appears that the highest overall levels of contamination at the site are at the EPS-3 location.

Most of the site's contamination appears to be adsorbed onto the site's soils. The groundwater sample analytical results, discussed in the following section, appear to support this hypothesis.

8.4 Groundwater Sampling Results

Laboratory analyses performed on the acquired groundwater samples verified the presence of dissolved hydrocarbon constituents. Analytical data is presented in Appendix B and summarized in Table 6. Parameters that are shaded indicate that they were detected in the groundwater samples.

As with the soil samples from this location, EPS-3's groundwater sample has the highest levels of hydrocarbon contaminants. The chlorinated hydrocarbons, which are typically associated with dry cleaning fluids, are found in the groundwater at EPS-3. The groundwater sample from EPS-2 contained 46 parts per billion (ppb) of tetrachlorethene (perc) and 20 ppb of acetone. EPS-1, the upgradient well, has 16 ppb of chloromethane, a chlorinated hydrocarbon.

Based upon the low levels of contaminants found in the site's groundwater, with the exception of the EPS-3 location, the contamination appears to be contained within the soil matrix. However, it is unknown what the groundwater contaminant levels are downgradient of the EPS-3 location. It is possible that the source of the contaminants may have originated at or near this point. The underground fuel oil tank and the possibility of fuel oil overfills may be contributing to this contamination. Also, past housekeeping practices for disposal of spent dry cleaning solvents might also have been a contributing contaminant source.

An iso-concentration map of the acetone, benzene, and chlorinated hydrocarbons levels was drawn and is presented in Figure 5. Acetone and benzene are typical "floaters" while the chlorinated hydrocarbons are typical "sinkers" due to their respective specific gravities. This map shows the different iso-concentrations of these constituents across the site. By far, the most areally extensive contaminant plume is the chlorinated hydrocarbons. These constituents were found in all of groundwater samples.

Since chlorinated hydrocarbons sink in an aquifer until they encounter an impermeable barrier, it is not surprising that the low permeability clay unit has higher contaminant levels of the chlorinated hydrocarbons than any of the other lithologic units. It appears that the clay unit may have partially impeded the downward movement of these sinkers, but is not acting as a true aquitard. This inference is substantiated by the presence of contaminated soils at depth (Table 5) which indicates that the sinking contaminants have migrated into this unit.

In addition to the clay unit impeding downward contaminant migration, the bedrock surface could also act as a partial barrier for chlorinated hydrocarbon migration. The bedrock surface dips towards the southwest, approximately at a 90 degree angle to the site's southeast groundwater flow direction. The circular plume could be a result of three vector components of flow: one downward component, another downgradient in the direction of the groundwater flow (while the sinker is sinking) and the other in the direction of the sloping bedrock and/or clay unit surface (once the sinker has encountered the sloping surface). All three factors may be acting to enlarge the plume.

8.5 Sensitive Receptors

A dissolved contaminant plume has migrated downgradient from the Camarota Cleaners dry cleaning facility. The downgradient limits of the plume are unknown. Since groundwater is not used as a source of water supply by the City of Mechanicville, the contaminant plume appears to have no effect on drinking water supplies.

The contaminant plume can impact downgradient residences by emitting soil gas vapors into homes. It appears unlikely that explosive levels could be reached due to the absence of any free phase constituents, but low levels of hydrocarbon vapors may lead to nuisance smells and/or health effects for the residents. Due to the area's high groundwater table, it is quite likely that some residents have been impacted or are at potential risk for being impacted by the soil gas vapors. The basements of the two closest homes, 321 Park Avenue and 108 Second Avenue could be impacted.

9.0 RECOMMENDATIONS

The following recommendations are offered:

1. The adjacent homes should have their basements tested for the presence of volatile organic through the use of indoor air quality

sampling. This type of analysis is capable of detecting volatile organic compound concentrations in ppb. This survey will concentrate upon areas where potential vapors could enter the basements such as floor drains, cracks and utility entrances.

2. The current monitoring well network of EPS-1, EPS-2, and EPS-3 does not delineate the areal extent of the contaminant plume. It is recommended that six well points be advanced to bedrock at the plume's lateral and downgradient locations. These points will be developed and then sampled for hydrocarbon contaminants.

The advantage of the well points is that they can be advanced with a pneumatic air hammer with minimal disturbance to adjacent buildings and yards and can be installed in areas that are inaccessible to a drill rig. The well points are a cost effective method for installing monitoring points and are approximately one third the price of a monitoring well installed by a drill rig. Their disadvantages is that the subsurface conditions where they are installed cannot be logged since soil samples are not collected and that the soils cannot be screened for adsorbed volatile organic contaminants.

3. The inside of the dry cleaning facility should be inspected. This inspection should concentrate on areas where dry cleaning solvents may have entered the subsurface. Floor drains, cracks and any other potential contaminant pathways should be located.
4. It is recommended that a pilot study consisting of a 72 hour pump test be initiated at the site to define the aquifer's transmissivity and storativity values. This test should be combined with a soil venting test to determine the radius of influence of a pilot soil venting system.

The 72 hour pump test will define the site's aquifer characteristics so that a final remediation system can be properly designed. The high groundwater at the site precludes the use of a soil venting system to remove volatile organic compounds; however, if the site were dewatered, a soil ventilation system could be installed to vent the exposed phreatic zone and to remove adsorbed contaminants. The pilot soil venting system would be initiated at the conclusion of the 72 hour pump test. The area around the pumping well will be adequately dewatered to allow the pilot venting system to function.

A shallow 6 inch I.D. recovery well would be installed adjacent to EPS-3. This well will serve as the pumping well during the test. Three additional well points would need to be installed around the pumping well to determine the radius of influence of the pumping well and the pilot soil vent system.

FIGURES



Environmental Products & Services, Inc.

Date: 9-92

Project No.: 81A6997

Site Location Map ○ - Indicates Site Location

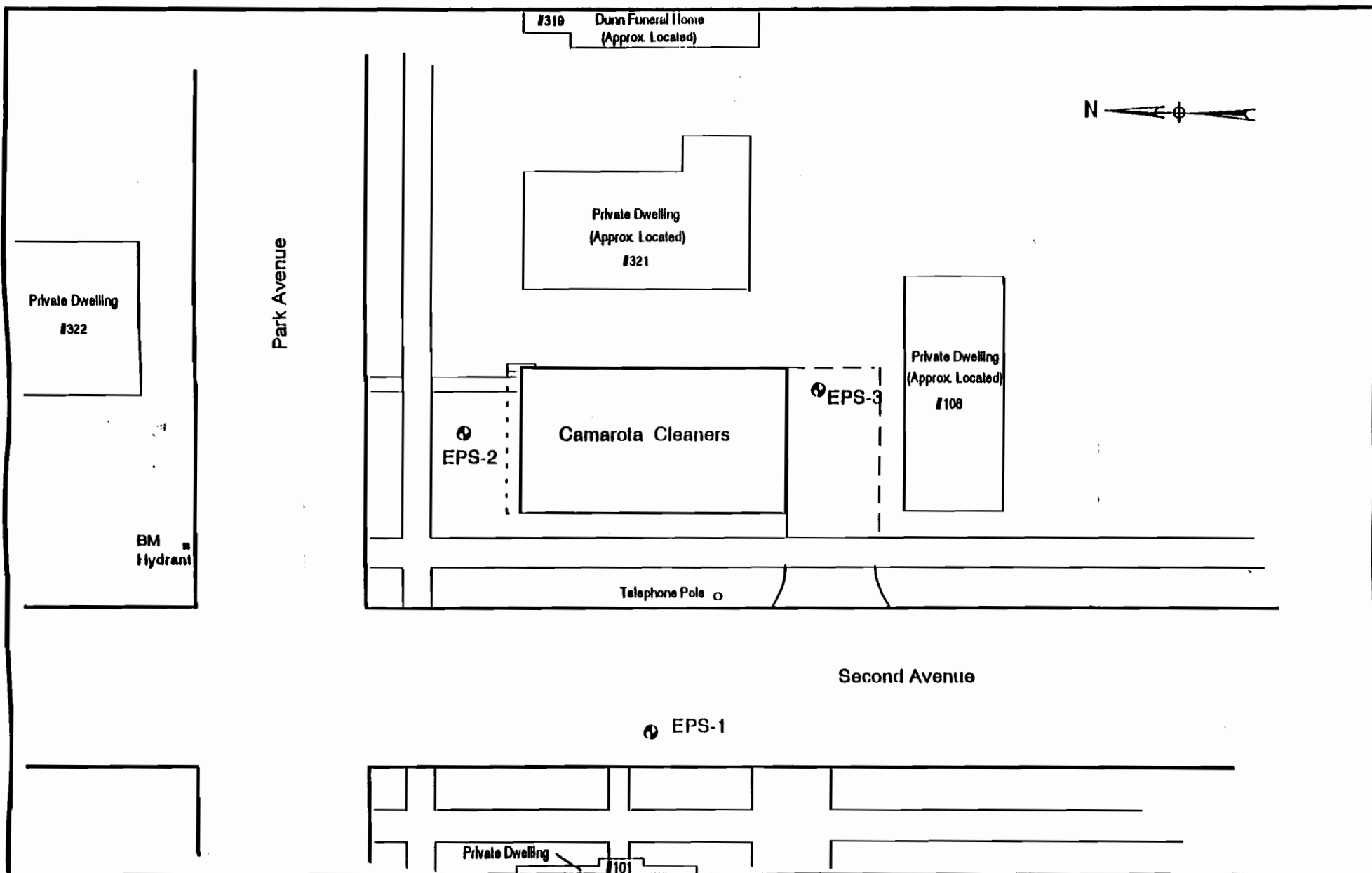
Scale: 1" = 2000'

Figure No.: 1

Source: NYS DOT 7.5 min. Mechanicville Quad

Drawn By: MJC

Location: Mechanicville, NY



ENVIRONMENTAL PRODUCTS & SERVICES, INC.

DATE: 9-92

PROJECT NO.: 81A6997

Site Map

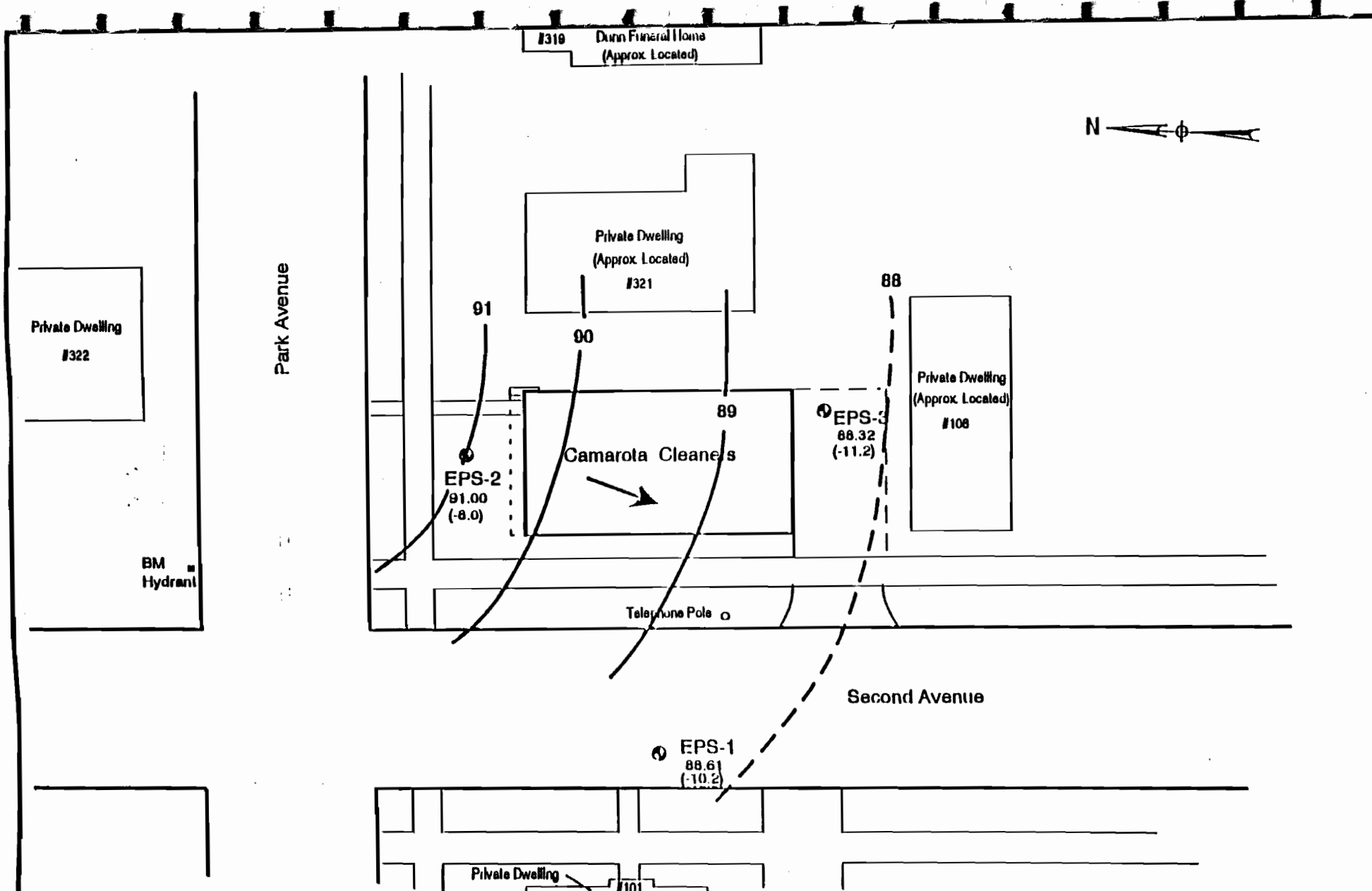


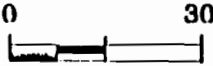
SCALE: 1" = 30'

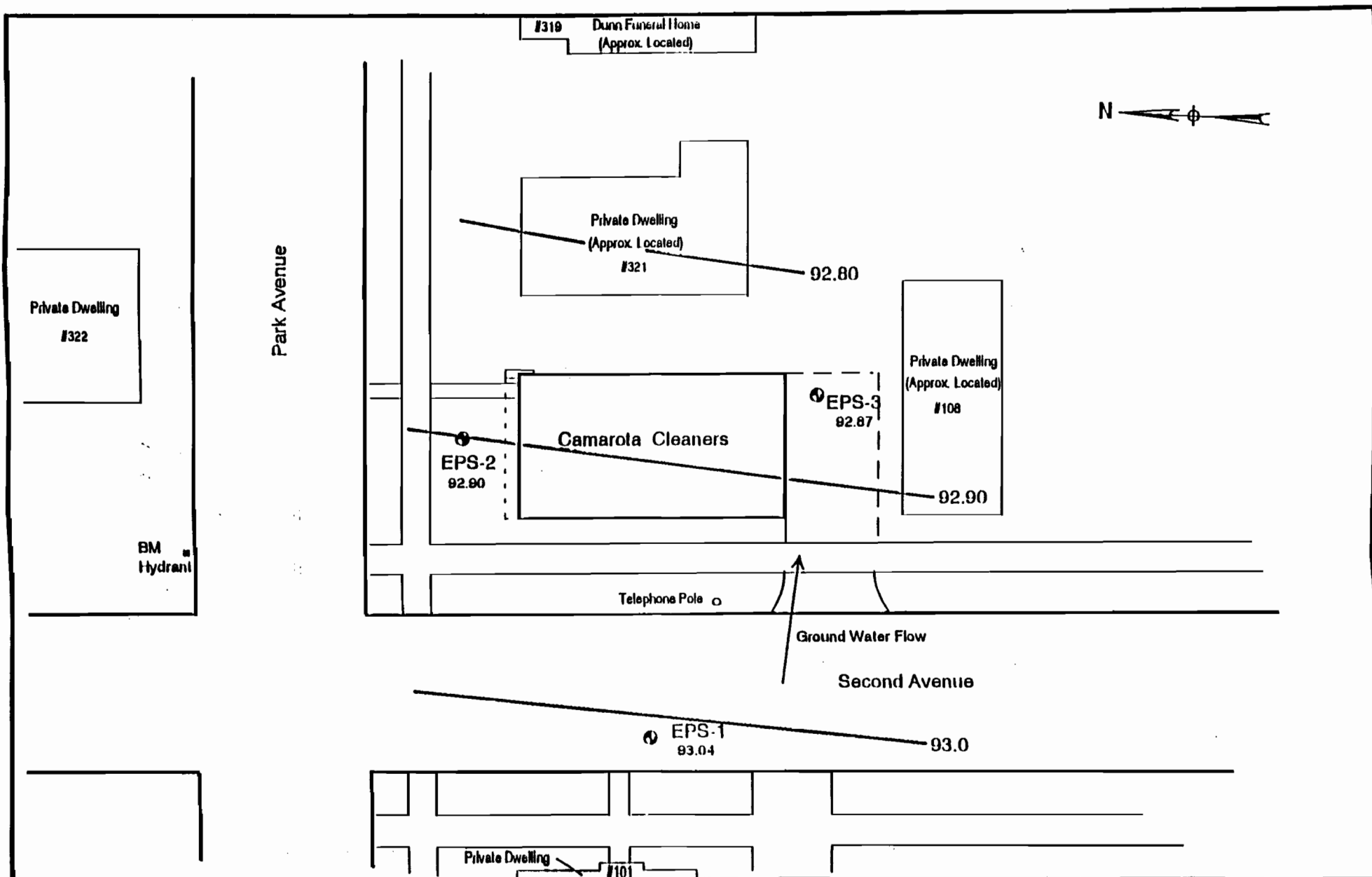
FIGURE NO.: 2

DRAWN BY: MJC

LOCATION: Mechanicville, NY



ENVIRONMENTAL PRODUCTS & SERVICES, INC.	DATE: 9-2-92	PROJECT NO.: 81A6997
Bedrock Topography Map	SCALE: 1" = 30'	FIGURE NO.: 3
(#) - Depth to Bedrock  Potential DNAPL* Migration *Denser Non-Aqueous Phase Liquids	DRAWN BY: MJC 	LOCATION: Mechanicville, NY



ENVIRONMENTAL PRODUCTS & SERVICES, INC.

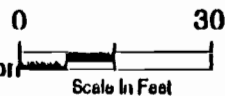
DATE: 9-2-92

PROJECT NO.: 81A6997

Ground Water Topography Map

93.04 - Ground Water Elevation

→ Ground Water Flow Direction

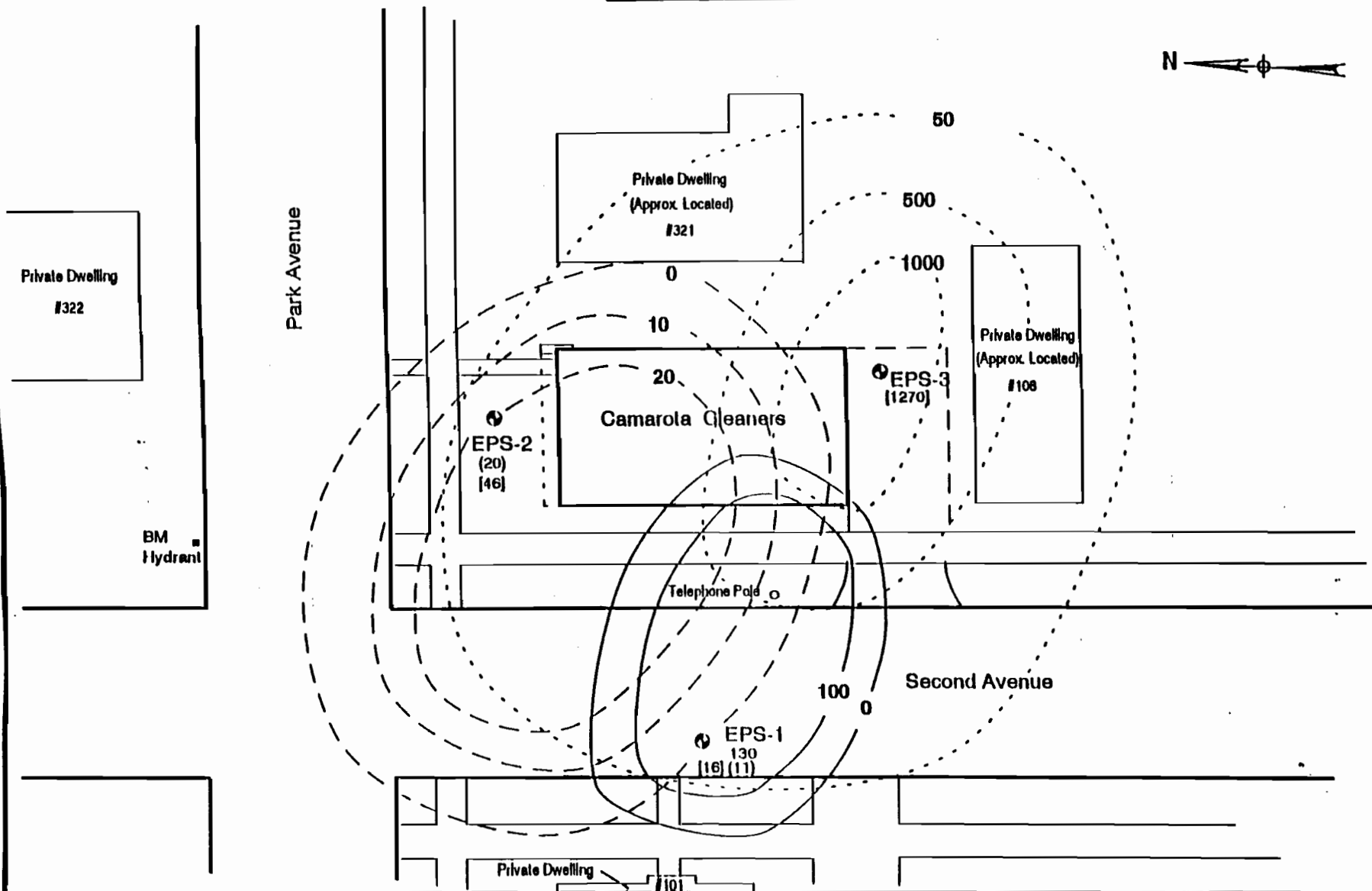
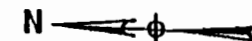


SCALE: 1" = 30'

DRAWN BY: MJC

FIGURE NO.: 4

LOCATION: Mechanicville, NY



ENVIRONMENTAL PRODUCTS & SERVICES, INC.

ISO Concentration Map

- Benzene —
 (#) - Acetone — —
 [#] - Chlorinated Hydrocarbons - - - -



DATE: 7-18-92

PROJECT NO.: 81A6997

SCALE: 1" = 30'

FIGURE NO.: 5

DRAWN BY: MJC

LOCATION: Mechanicville, NY

TABLES

TABLE 1
WELL SURVEY DATA
CAMAROTA CLEANERS

Well No.	Relative Elevations	Elevations Relative to 100.00 feet Datum
EPS-1	Ground Surface	98.42
	Top of PVC Riser	98.82
EPS-2	Ground Surface	99.00
	Top of PVC Riser	98.68
EPS-3	Ground Surface	99.52
	Top of PVC Riser	99.06

TABLE 2
WELL GAUGING DATA
CAMAROTA CLEANERS

WELL NO.	GAUGING INFORMATION	SITE VISIT DATES				
		7/10/92	7/16/92	9/2/92	9/9/92	
EPS-1	Depth to Water (ft.)	5.08	4.58	5.38	5.42	
	TOR Elevation (ft.)	98.42	98.42	98.42	98.42	
	Groundwater Elev. (ft.)	93.34	93.84	93.04	93.00	
EPS-2	Depth to Water (ft.)	5.65	5.61	5.78	5.84	
	TOR Elevation (ft.)	98.68	98.68	98.68	98.68	
	Groundwater Elev. (ft.)	93.03	93.07	92.90	92.84	
EPS-3	Depth to Water (ft.)	5.80	5.37	6.18	6.20	
	TOR Elevation (ft.)	99.06	99.06	99.06	99.06	
	Groundwater Elev. (ft.)	93.26	93.69	92.87	92.86	

TABLE 3
HYDRAULIC CONDUCTIVITY DATA
CAMAROTA CLEANERS

Well No.	Hydraulic Conductivity (cm./sec)
EPS-1	1.60E-03
EPS-2	---
EPS-3	7.70E-03

TABLE 4
SUMMARY TABLE OF SOIL SAMPLE ANALYTICAL DATA
CAMAROTA CLEANERS
JULY 7, 1992

CONSTITUENT	EPS-1 0'-4'	EPS-1 5'-7'	EPS-1 10'-10.2'	EPS-2 0'-2'	EPS-2 5'-7'	EPS-2 7.5'-8'	EPS-3 0.5'-2.5'	EPS-3 5'-7'	EPS-3 10'-11'
CHLOROMETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	ND	ND	ND	ND	ND	ND	ND	ND	D
BROMOMETHANE	ND	ND	ND	ND	ND	ND	ND	D	ND
CHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	32	32	47	10	23	57	75	2,300	15
TRANS-1,2-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND	ND	D
CIS-1,2-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND	ND	10
1,1-DICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROFORM	D	D	ND	D	ND	ND	ND	ND	D
1,1,1-TRICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBON TETRACHLORIDE	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND	ND	D
1,2-DICHLOROPROPANE	ND	ND	ND	ND	ND	ND	ND	ND	D
BROMODICHLOROMETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	D	ND	ND	ND	ND	ND	ND	ND	ND
CIS-1,3-DICHLOROPROPENE	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	D	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMODICHLOROMETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	ND	D	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOFORM	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND
STYRENE	ND	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	D	ND	20	D	D	17	D	2,400	25
CARBON DISULFIDE	ND	ND	ND	ND	ND	ND	ND	ND	ND
VINYL ACETATE	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-HEXANONE	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENE (TOTAL)	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYL-2-PENTANONE (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND
% SOLIDS	ND	ND	ND	ND	ND	ND	ND	2,500	ND

* Interfering spikes - cannot distinguish between parameters
 All results are in ppb (parts per billion)

ND - Non-detectable

TABLE 5
TOTAL SOIL HYDROCARBON
CONCENTRATIONS WITH DEPTH
CAMAROTA CLEANERS

DEPTH	EPS-1	EPS-2	EPS-3
1	32	195	805
2			
3			
4			
5			
6	32	56	16 600
7			
8		84	
9			
10	67		
11			70
Total constituents for sample interval All results are in ppb (parts per billion)			

TABLE 6
SUMMARY TABLE OF GROUNDWATER
ANALYTICAL DATA
CAMAROTA CLEANERS
JULY 16, 1992

CONSTITUENT	EPS-1	EPS-2	EPS-3
CHLOROMETHANE	ND	D	ND
VINYL CHLORIDE	ND	ND	D
BROMOMETHANE	D	D	ND
CHLOROETHANE	ND	ND	ND
1,1-DICHLOROETHANE	ND	ND	ND
METHYLENE CHLORIDE	D	D	D
TRANS-1,2-DICHLOROETHENE	ND	ND	6
CIS-1,2-DICHLOROETHENE	ND	ND	34
1,1-DICHLOROETHENE	ND	ND	ND
CHLOROFORM	D	ND	ND
1,1,1-TRICHLOROETHANE	ND	ND	ND
CARBON TETRACHLORIDE	ND	ND	ND
BENZENE	ND	ND	130
1,2-DICHLOROETHANE	ND	ND	ND
TRICHLOROETHENE	ND	D	ND
1,2-DICHLOROPROPANE	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE	ND	ND	ND
TOLUENE	ND	ND	ND
CIS-1,3-DICHLOROPROPENE	ND	ND	ND
1,1,2-TRICHLOROETHANE	ND	ND	ND
TETRACHLOROETHENE	D	46	1,100
DIBROMOCHLOROMETHANE	ND	ND	ND
CHLOROBENZENE	ND	D	ND
ETHYLBENZENE	ND	ND	ND
BROMOFORM	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	ND	ND	ND
STYRENE	ND	ND	ND
ACETONE	ND	20	D
CARBON DISULFIDE	ND	ND	ND
VINYL ACETATE	ND	ND	ND
2-HEXANONE	ND	ND	ND
XYLENE, (TOTAL)	ND	ND	ND
4-METHYL-2-PENTANONE (MEK)	ND	ND	ND
2-BUTANONE (MEK)	ND	ND	ND

All results are in ppb (parts per billion)

APPENDICES

Appendix A - Soil Gas Survey

SOIL GAS SURVEY
Former CAMAROTA CLEANERS, INC.
Mechanicville, New York

Prepared for:

Adirondack Environmental Investigations, Inc.
P.O. Box 270
Cambridge, New York

Prepared by:

Specialized Environmental Monitoring
16 Anyhow Lane
Wilton, New York

July 1991

NYS DEC
RECEIVED

JUL 30 1991

ENVIRONMENTAL QUALITY REGION 5
WARREN, N.Y.

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1.0 INTRODUCTION

Specialized Environmental Monitoring (SEM-Wilton, New York) was retained by Adirondack Environmental Investigations, Inc., Cambridge, New York to perform a soil gas survey (SGS) to evaluate subsurface conditions on the property of Camarota Cleaners, Inc., Mechanicville, New York.

The purpose of this report is to document the activities that were performed during the soil gas survey and to identify and quantify the presence of compounds beneath the paved or soil surface of the property.

This survey was limited to ten volatile organic compounds (VOC's) comprising of chlorinated (alkenyl halide) compounds and petroleum-based compounds.

This soil gas survey was performed on July 16, 1991

2.0 SITE DESCRIPTION

Camarota Cleaners, Inc. is located on the south-east corner of Park Avenue and Second Street in the town of Mechanicville, Saratoga County, New York.

The property is situated in a relatively dense residential neighborhood a short distance (couple blocks) from the downtown business area.

A large two story house borders (within approximately 10 feet) the south end of the property and a second two story house borders (within 25 feet) the east side of the property.

3.0 PURPOSE

This soil gas survey was conducted to identify potential sub-surface soil contamination from past dry cleaning activities and/or underground fuel tank leakage.

The survey provides a grab sample screen of the shallow vadose (unsaturated) zone to be used as an indicator to determine the necessity for more intensive investigation.

4.0 SITE PREPARATION

Eight sampling points were measured with a measuring tape and oriented to fixed lines and corners of the building.

Each point was marked by painting a circle on asphalt or the ground surface. These locations are shown on Figure 1

5.0 METHODOLOGY

5.1 Soil Gas Sampling

One sample location had to be pre-drilled with a drill hammer and auger to allow access beneath asphalt.

Sampling locations were then prepared by using a "slam bar" to drive a 5/8-inch solid steel rod to a maximum depth of four feet, removing it and inserting a 1/2-inch diameter hollow aluminum tube into the hole to maintain the opening in the shallow-vadose zone. Care was taken to ensure that the tube was not plugged or inserted into any high moisture laded material or groundwater. Following placement of the aluminum tube, surface soil and a bentonite slurry seal were packed into the annular space around the tube at the top of the probe hole to prevent potential infiltration of surface air during sampling.

Soil gas samples were collected with a 125 milliliter gas sampling bulb. The sampling bulb consists of a wide glass tube with Teflon stopcock valves at either end and a septa in the center of the glass wall to allow for sample withdrawal. The top of the aluminum tube in the probe hole was connected with dedicated 1/2-inch polyethylene tubing to one of the valves of the gas sampling bulb. The other bulb valve was connected with tubing to a laboratory bench vacuum pump. The vacuum pump withdrew soil gas up through the subsurface probe and glass bulb until approximately 2 liters (6 sampling train volumes) was purged from each probe hole. Soil gas was contained in the glass bulb by closing the valve nearest the pump first, then stopping the pump. The other valve was left open to the soil gas source for approximately 30 seconds to allow the system to come to equilibrium pressure. Following this, the second valve was closed and the sample was removed for analysis.

The dedicated polyethylene tubing was discarded and replaced for each new sampling location. All samples were performed within 30 minutes of collection. A needle was inserted through the septa of the sampling bulb and a sample was withdrawn using a 500 microliter syringe for injection into the gas chromatograph (GC).

5.2 Analytical Methodology

A Photo Vac 10S70 gas chromatograph, mobilized on-site by SEM, was equipped with a photoionization detector (PID) and an on board computer which was programmed to analyze samples for target volatile organic compounds (TCE) trichloroethylene, (Perc) tetrachloroethylene, benzene, toluene, ethyl benzene, and xylenes.

The Photo Vac GC analyses gaseous samples and is capable of generating quantitative data specific to each compound. After injection into the instrument, the gaseous sample passes through a chromatographic column prior to the PID. The various VOCs pass through this column at different rates and thus reach the detector at different times after injection. A strip-chart record of detector response versus time is obtained during each analysis and the presence of VOCs in the sample is manifested by peaks on this strip-chart record.

The portable GC measures two parameters for each peak observed during an analysis. First, the length of time is measured between the initial injection of the sample and the detection of the peak. This time is known as the retention time and each VOC has a characteristic retention time relative to those of other compounds. For example, the retention time of Perc is greater than that for toluene. Retention times allow the identification of VOCs in the sample. Second, the portable GC integrates the detector response to measure the area under the peak. The area is measured in millivolt seconds (mv-s) and is proportional to the concentration of the compound in the sample.

Prior to the start of field activities, the instrument was calibrated to recognize retention times and convert peak areas into concentrations for the target VOCs. Standards were prepared by injecting a measured volume of headspace over a pure compound into a one liter glass bulb that had been thoroughly flushed with organic free (ultra zero grade) air. The concentration of the standard was calculated using the ambient temperature, the vapor pressure of the compound at that temperature, the noble gas law and other related equations.

A library was programmed into the instrument by sequentially analyzing each standard. A syringe was used to withdraw 250 microliters (ul) of the headspace gas and inject the vapor into the instrument for analysis. A peak was detected for the standard and recognized, but not identified or quantitated by the instrument; the peak is simply recognized as having a certain retention time and peak area. The analyst enters both the identity and concentration of the standard and repeats this process for each of the remaining target VOCs. At the end of the initial calibration, the portable GC can identify and quantitate the peaks associated with the target VOC. Other peaks which are recognized during the analysis remain unidentified and a retention time and peak area are reported rather than a compound and concentration.

The retention time and detector response are influenced by other conditions such as the internal temperature of the instrument and the rate of gas flow through the column. Although regulated, some variations in these conditions occur and act to shift the retention times and response factors of the target VOCs. Thus continuing calibration must be routinely performed.

The continuing calibration is performed by injecting a standard, such as Perc, into the portable GC for analysis. Using a keyboard command, the analyst instructs the instrument to recalibrate the library. After the peak is detected, the analyst enters both the identity and concentration. The retention times and response factors for all of the target VOCs in the library are then linearly adjusted relative to that calibration standard.

At a minimum, a continuing calibration was performed during field work. However, since the field conditions tended to be warm in the morning hours and significantly warmer as the day progressed, the instrument was recalibrated throughout the day. The analyst monitored the retention time for the shifts (caused by the temperature fluctuations) in excess of approximately 5%. Retention time shifts of this magnitude or greater would result in the inability of the instrument to identify and quantitate peaks which were detected.

The PID is coupled to a 10.6 electron-volt ultraviolet lamp which is capable of ionizing all of the VOC target analytes during the survey. However, the detector's sensitivity for these compounds may vary. Sample analyses were conducted by injecting with a syringe, 250 μ l aliquots of sample vapors into the GC; comparisons of sample instrument responses were made to that of calibration standards previously into the GC memory. Documenting the analysis, the GC prepared a strip-chart record detailing the concentration of recognized compounds and the raw instrument response of "unknown" compounds detected in the sample. In the event that sample results were above the linear range of the instrument calibration, a smaller aliquot was injected and the sample results were corrected for the "dilution factor".

6.0 QUALITY ASSURANCE/QUALITY CONTROL

A background, on-site air sample was collected and analyzed at the end of the days field activities. This sample consisted of ambient air collected into the glass sampling bulb which effectively served as a field blank. This background sample did indicate low levels of carry over contamination from previous samples. A syringe blank was also injected into the GC and this sample did not indicate any cross contamination potential.

Decontamination of the 5/8-inch steel rod was performed following the preparation of each sample location. The rod was rinsed with distilled water, washed with detergent, and final rinsed with distilled water. Each aluminum tube was cleaned prior to mobilization and was dedicated to only one soil sampling location; therefore, field decontamination was not required. The polyethylene tubing which connected the aluminum probe to the glass sampling bulb was dedicated and therefore discarded following each sample collection. In order to minimize potential carry-over or cross contamination, repeated flushing with purified air through the glass sampling bulb and syringes was conducted between samples.

7.0 ANALYTICAL RESULTS

Examination of the raw data (i.e., sample chromatograms) reveals that high concentrations of tetrachloroethylene (perc) was detected in the soil gas sample taken directly behind the cleaner facility (over 82 parts per million; ppm). This sample location (sample # 5) is most likely the source of the contamination problem as there are two other locations that indicate lesser concentrations of perc over 3 ppm; (sample # 2 with 3.8ppm and sample # 4 with 3.3ppm). All other sample locations revealed the presence of perc at levels lower than 1ppm.

Sample # 1 collected in front of the facility beneath the lawn, indicated the presence of petroleum-based compounds in the range of 40 to 478 parts per billion (ppb). These levels are not significant in trying to determine potential leaks from the underground fuel tank in the vicinity of sample # 6 which does not show any level of petroleum contamination.

The main compound evaluated during analysis is an organic solvent by nature and its presence would be anthropogenic (i.e., introduced by human activities). In general, the site exhibits evidence of subsurface contamination (i.e., concentrations above background or normal) with selected areas indicating higher levels of contamination.

Soil gas screening cannot identify the specific vertical location of the source of contamination, especially in the absence of any other subsurface hydrogeologic information (i.e., depth to water, soil type, depth to rock). It does, however, provide a useful indication of the horizontal extent of contamination. Any given concentration of soil gas can be from a "highly" contaminated source at a "greater" depth, or a less contaminated source at a shallower depth. The soil gas may be derived from contaminated soil, or from product dissolved in, or floating on top of, groundwater- or both.

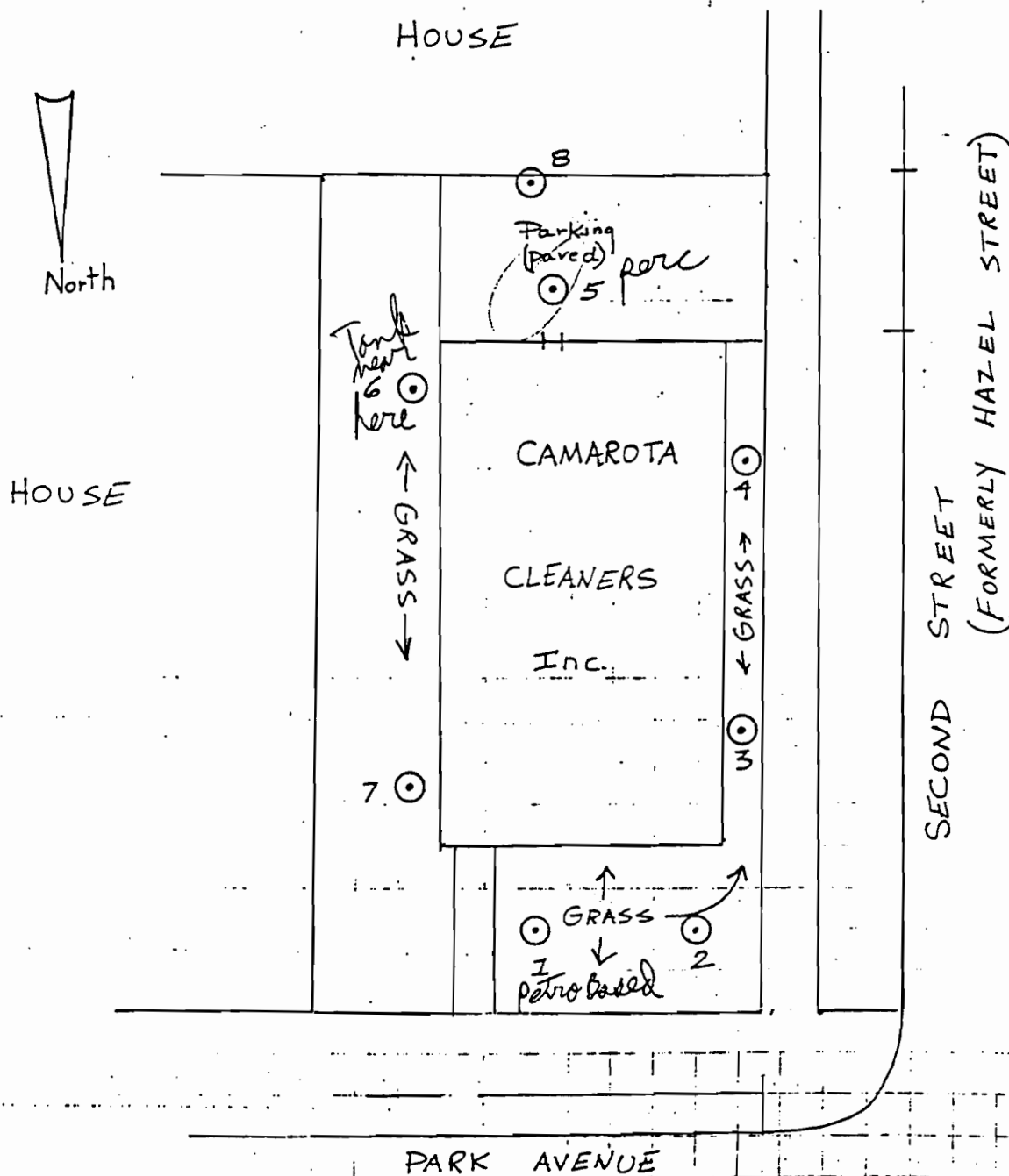
The elevated levels of soil gas measured at the Camarota Cleaners facility suggest that relevant regulatory levels for soil and/or groundwater may be exceeded. While it is very likely that these levels are present, it is not known what they are for soil or groundwater, nor whether they pose an overall risk to the environment.



SPECIALIZED ENVIRONMENTAL MONITORING

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Figure 1



⊙ Soil Gas Sampling Locations

SOIL GAS SURVEY
JULY 16, 1991

GAS CHROMATOGRAMS

PHOTOVAC

START

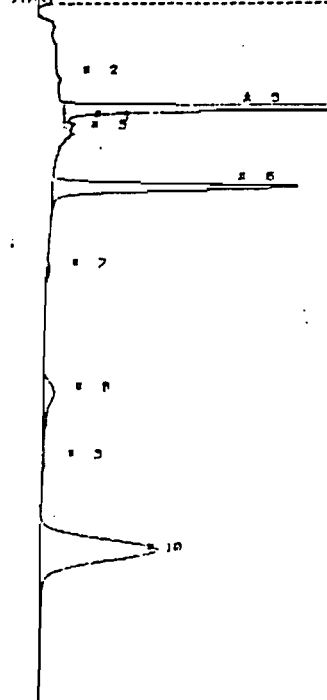


STOP # 1000.0
SAMPLE LIBRARY 1 JUL 15 1991 22:25
ANALYSIS # 1 KEY BANK
INTERNAL TEMP 20 DRY RUN
GAIN 50

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	1000.0	86.0 AUS
UNKNOWN	2	2110.0	112.4 AUS
ETHYL BENZENE	3	610.0	1.000 FTU

PHOTOVAC

START # 1



STOP # 1100.0
SAMPLE LIBRARY 1 JUL 15 1991 22:53
ANALYSIS # 2 KEY BANK
INTERNAL TEMP 20 STANDARD
GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	1.0	7.7 AUS
BENZENE	2	121.7	2.057 FTU
TCE	3	107.0	1.515 FTU
UNKNOWN	4	136.1	220.7 AUS
UNKNOWN	5	211.7	0.8 AUS
TOLUENE	6	231.3	1.000 FTU
PERC	7	422.0	1.525 FTU
UNKNOWN	8	622.2	1.5 US
n-AND p-XYLENE	9	727.0	0.530 FTU
o-XYLENE	10	870.0	1.035 FTU

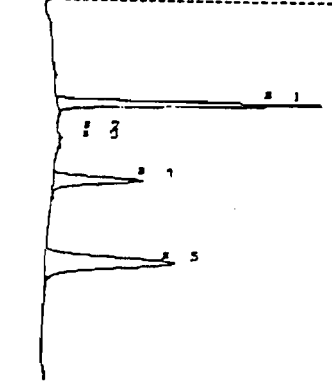
PHOTOVAC

1 CONTINUED 10 # R.T. LIMIT

TOLUENE	1	231.3	0.000 FTU
ACETONE	2	121.0	0.000 FTU
DMF	3	28.4	0.000 FTU
TCE	4	107.0	0.000 FTU
PERC	5	422.0	0.000 FTU
BENZENE	6	121.0	0.000 FTU
ETHYL BENZENE	7	621.0	0.000 FTU
n-AND p-XYLENE	8	727.0	0.000 FTU
o-XYLENE	9	870.0	0.000 FTU

PHOTOVAC

START



STOP # 600.0
SAMPLE LIBRARY 1 JUL 10 1991 11:41
ANALYSIS # 2 PEI-KEY BANK
INTERNAL TEMP 20 PERC STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
TCE	1	105.5	927.1 FTU
UNKNOWN	2	210.1	10.0 AUS
UNKNOWN	3	232.1	0.1 AUS
TOLUENE	4	205.0	0.11.0 FTU
PERC	5	415.0	250.0 FTU

PHOTOVAC

CALIBRATED PEAK 6, TOLUENE

SAMPLE LIBRARY 1 JUL 15 1991 23:1
ANALYSIS # 2 KEY BANK
INTERNAL TEMP 20 STANDARD
GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	1.0	7.7 AUS
BENZENE	2	121.7	1.310 FTU
TCE	3	107.0	1.401 FTU
UNKNOWN	4	136.1	220.7 AUS
UNKNOWN	5	211.7	0.8 AUS
TOLUENE	6	231.3	1.000 FTU
PERC	7	422.0	1.525 FTU
UNKNOWN	8	622.2	1.5 US
n-AND p-XYLENE	9	727.0	0.530 FTU
o-XYLENE	10	870.0	1.035 FTU

PHOTOVAC

CALIBRATED PEAK 5, PERC

SAMPLE LIBRARY 1 JUL 10 1991 11:42
ANALYSIS # 2 PEI-KEY BANK
INTERNAL TEMP 27 PERC STANDARD
GAIN 20 250 MICROLITERS

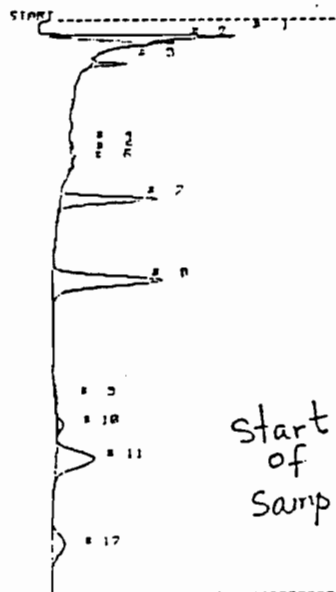
COMPOUND NAME	PEAK	R.T.	AREA/FTU
TCE	1	105.5	1.205 FTU
UNKNOWN	2	210.1	10.0 AUS
UNKNOWN	3	232.1	0.1 AUS
TOLUENE	4	205.0	1.124 FTU
PERC	5	415.0	1000.0 FTU

PHOTOVAC

1 CONTINUED 10 = R.T. UNIT

1	200.0	0.000	170
2	220.0	0.000	170
3	240.0	0.000	170
4	260.0	0.000	170
5	280.0	0.000	170
6	300.0	0.000	170
7	320.0	0.000	170
8	340.0	0.000	170
9	360.0	0.000	170
10	380.0	0.000	170
11	400.0	0.000	170
12	420.0	0.000	170

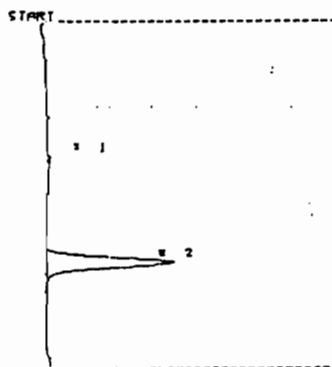
PHOTOVAC



STOP # 300.0
 SAMPLE LIBRARY 1 JUL 18 1991 121.0
 ANALYSIS # 2 PEI-KEY BANK #1
 INTERNAL TEMP 22
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	20.2	2.9 US
UNKNOWN	2	38.1	200.2 AUS
PERC	3	71.3	171.6 FTU
UNKNOWN	4	138.1	35.0 AUS
UNKNOWN	5	216.1	36.4 AUS
TOLUENE	7	285.0	470.0 FTU
PERC	8	315.3	331.1 FTU
UNKNOWN	9	332.1	134.2 AUS
ETHYL BENZENE	10	443.1	40.33 FTU
m- AND p-XYLENE	11	536.5	288.0 FTU
o-XYLENE	12	632.1	125.7 FTU

PHOTOVAC



STOP # 347.3
 SAMPLE LIBRARY 1 JUL 18 1991 10112
 ANALYSIS # 1 PEI-KEY BANK
 INTERNAL TEMP 22 PERC STANDARD
 GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	218.1	10.3 AUS
UNKNOWN	2	388.0	7.2 US

PHOTOVAC

CALIBRATED PEAK 2, PERC

SAMPLE LIBRARY 1 JUL 18 1991 10112
 ANALYSIS # 1 PEI-KEY BANK
 INTERNAL TEMP 22 PERC STANDARD
 GAIN 20 250 MICROLITERS

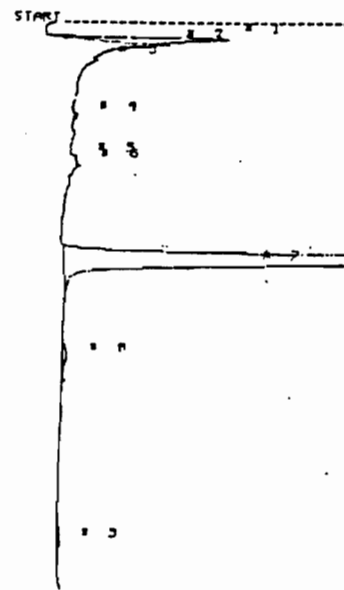
COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	218.1	10.3 AUS
PERC	2	388.0	1.000 FTU

PHOTOVAC

1 CONTINUED 10 = R.T. UNIT

1	200.0	0.000	170
2	220.0	0.000	170
3	240.0	0.000	170
4	260.0	0.000	170
5	280.0	0.000	170
6	300.0	0.000	170
7	320.0	0.000	170
8	340.0	0.000	170
9	360.0	0.000	170
10	380.0	0.000	170
11	400.0	0.000	170
12	420.0	0.000	170

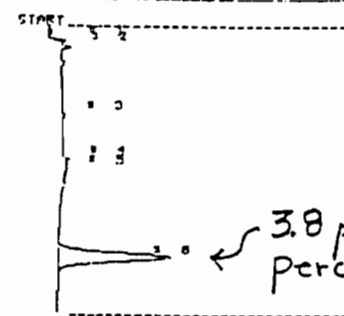
PHOTOVAC



STOP # 388.0
 SAMPLE LIBRARY 1 JUL 18 1991 10118
 ANALYSIS # 5 PEI-KEY BANK
 INTERNAL TEMP 28 SAMPLE 2
 GAIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	27.7	2.1 US
ACETONE	2	32.1	31.75 FTU
UNKNOWN	3	62.3	23.0 AUS
TCE	4	131.1	3.231 FTU
UNKNOWN	5	218.1	33.3 AUS
UNKNOWN	6	226.5	6.6 AUS
PERC	7	321.5	3.213 FTU
UNKNOWN	8	531.5	332.8 AUS
D-XYLENE	9	621.5	15.73 FTU

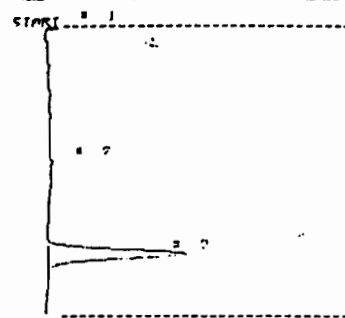
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STOP # 438.0
 SAMPLE LIBRARY 1 JUL 18 1991 10138
 ANALYSIS # 16 PEI-KEY BANK
 INTERNAL TEMP 38 SAMPLE 2
 GAIN 50 1-3 DILUTION

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	27.1	47.0 AUS
UNKNOWN	2	38.0	14.3 AUS
UNKNOWN	3	118.0	12.2 AUS
UNKNOWN	4	218.1	30.0 AUS
UNKNOWN	5	231.3	6.6 AUS
UNKNOWN	6	367.0	5.3 US

PHOTOVAC



STOP # 150.0
SAMPLE LIBRARY 1 JUL 10 1991 14:16
ANALYSIS # 2 PEI-KEY BANK
INTERNAL TEMP 30 PERC STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTD
UNKNOWN	1	4.0	17.2 AUS
UNKNOWN	2	210.1	14.8 AUS
UNKNOWN	3	369.7	7.2 US

PHOTOVAC

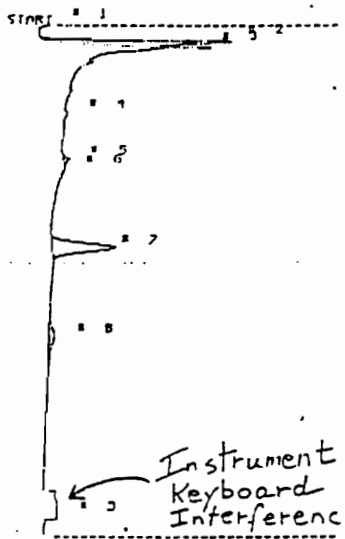
CALIBRATED PEAK 3. PERC
SAMPLE LIBRARY 1 JUL 10 1991 14:16
ANALYSIS # 2 PEI-KEY BANK
INTERNAL TEMP 30 PERC STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTD
UNKNOWN	1	4.0	17.2 AUS
UNKNOWN	2	210.1	14.8 AUS
PERC	3	369.7	1000.0 FTD

PHOTOVAC

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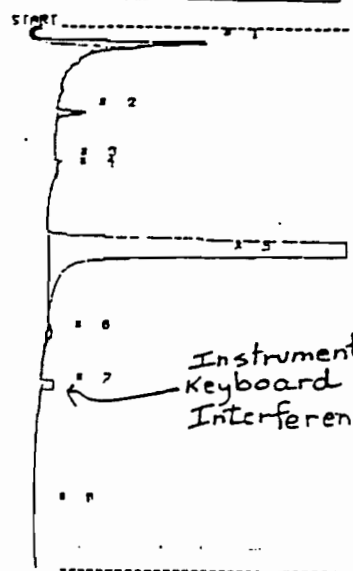
PHOTOVAC



STOP # 800.0
SAMPLE LIBRARY 1 JUL 10 1991 14:26
ANALYSIS # 8 PEI-KEY BANK
INTERNAL TEMP 20 SAMPLE 3
GAIN 30 750 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTD
UNKNOWN	2	27.1	2.3 US
ACETONE	3	38.1	58.05 FTD
TCE	4	192.4	1.031 FTD
UNKNOWN	5	215.7	121.4 AUS
PERC	7	355.1	177.2 FTD
UNKNOWN	8	437.7	158.3 AUS

PHOTOVAC

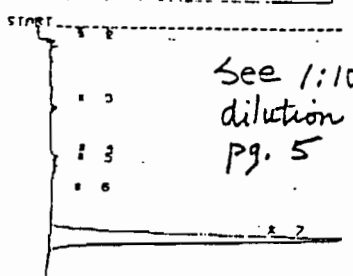


Instrument
Keyboard
Interference

STOP # 850.0
SAMPLE LIBRARY 1 JUL 10 1991 14:42
ANALYSIS # 3 PEI-KEY BANK
INTERNAL TEMP 30 SAMPLE 1
GAIN 30 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTD
UNKNOWN	1	20.7	2.1 US
TCE	2	123.7	40.64 FTD
UNKNOWN	3	215.7	60.5 AUS
UNKNOWN	4	231.3	7.7 AUS
PERC	5	346.3	7.225 FTD
UNKNOWN	6	486.8	258.3 AUS
ETHYL BENZENE	7	587.1	38.67 FTD
O-XYLENE	8	757.5	3.178 FTD

PHOTOVAC

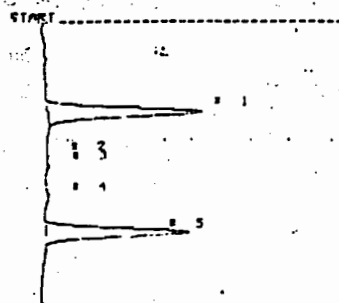


See 1:10
dilution
pg. 5

STOP # 400.0
SAMPLE LIBRARY 1 JUL 10 1991 14:51
ANALYSIS # 10 PEI-KEY BANK
INTERNAL TEMP 30 SAMPLE 1
GAIN 30 1-5 DILUTION

COMPOUND NAME	PEAK	R.T.	AREA/FTD
UNKNOWN	1	26.8	42.1 AUS
ACETONE	2	35.3	1.312 FTD
TCE	3	107.6	6.453 FTD
UNKNOWN	4	215.7	50.8 AUS
UNKNOWN	5	231.3	7.7 AUS
UNKNOWN	7	341.8	14.8 US

PLATOONAS



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STDP @ 150.0
SAMPLE LIBRARY 1 JUL 10 1991 151 4
ANALYSIS @ 12 AEI-KEY BANK
INTERVAL TIME 32 PERC STORAGE=1
DATA 20 250 MICROLITERS

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FORPOND NAME	PEAK	R.T.	AREA/ATT
PEE	1	145.1	1.325 ATT
UNKNOWN	2	215.7	14.0 AUS
UNKNOWN	3	221.3	15.3 AUS
UNKNOWN	4	272.8	24.5 AUS
UNKNOWN	5	332.1	7.0 US

PHOTOQUAC

CALIBRATED PEAK 3.7ERC

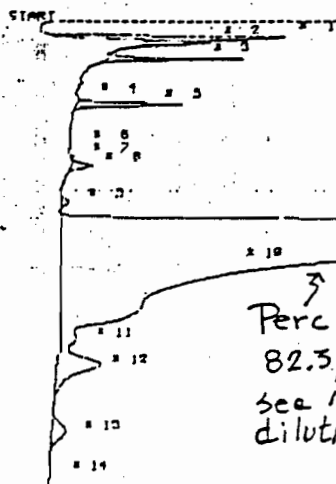
SMALL LIQUID	1	JUL 16 1951	15:5
ANALYSIS	12	REJ-KET BOMB	
INTERVAL TEMP	25	PERC STANDARD	
RAIN	28	250 MICROLITERS	

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	115.1	7.7 US
UNKNOWN	2	215.7	14.8 AUS
TOLUENE	3	231.3	5.774 FTB
UNKNOWN	4	272.8	21.5 AUS
PERC	5	332.1	1080. FTB

PHOTO: JAC

Category	Count	Percentage	Percentage
1. 1st	1	100.0	100.0
2. 2nd	2	100.0	100.0
3. 3rd	3	100.0	100.0
4. 4th	4	100.0	100.0
5. 5th	5	100.0	100.0
6. 6th	6	100.0	100.0
7. 7th	7	100.0	100.0
8. 8th	8	100.0	100.0
9. 9th	9	100.0	100.0
10. 10th	10	100.0	100.0

PHOTOVAC



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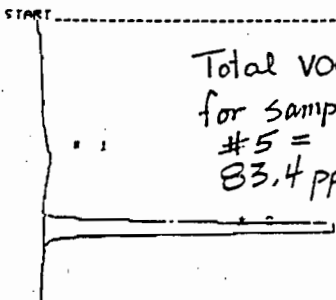
STOP # 750.0
SAMPLE LIBRARY 1 JUL 16 1991 15:21.
ANALYSIS # 10 PE1-KET BANK
INTERNAL TEMP 31 SAMPLE 5
GAIN 50 250 MICROLITERS

```

FOUND NAME	PEAK	R.T.	AREA	ATTN
UNKNOWN	1	26.6	2.8	US
ACETONE	2	34.3	28.91	FFB
MEK	3	81.1	180.3	FFB
FCF	5	133.7	171.0	FFB
UNKNOWN	6	138.1	14.9	NUS
UNKNOWN	7	215.7	33.4	NUS
TOLUENE	8	238.5	38.85	FFB
UNKNOWN	9	289.8	321.5	NUS
PERC	10	343.6	38.77	FFB
UNKNOWN	11	505.8	1.2	US
ETHYL BENZENE	12	550.1	375.0	FFB
UNKNOWN	13	636.3	1.1	US

#5
total VOC's excluding
Perc: 1137.9 ppb or
1.13 ppm
Perc + 82.3 ppm

PHOTOVAC



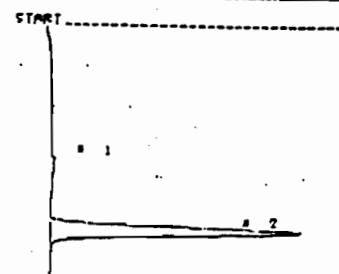
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STOP @ 150.0
SAMPLE LIBRARY 1 JUL 10 1991 1510Z
ANALYSIS # 14 AEI-KEY DMK
INTERNAL TEMP 31 SAMPLE 5
GAIN 20 1-25 DILUTION

```

COMPOUND NAME	PEAK	R.T.	AREA/CTR
UNKNOWN	1	215.7	13.1 AUS
PERC	2	227.8	6.596 CPM

PHOTOVAC



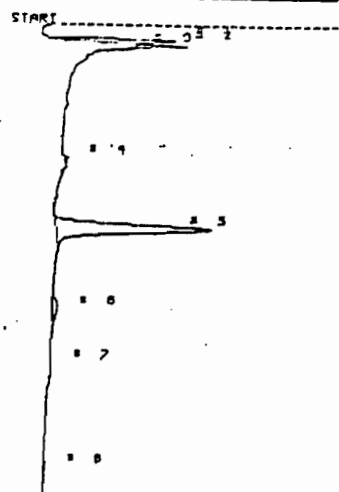
```

-----
STD# 8 100.0
SAMPLE LIBRARY 1 JUL 18 1991 15:11
ANALYSIS # 15 PEI-FET BANK
INTERNAL TEMP 32 SAMPLE 5
ORIN 20 1-50 DILUTION

```

COMPOUND NAME	PEAK	R.T.	AREA/PERC
UNKNOWN	1	215.7	13.4
PERC	2	228.1	1.010

PHOTOVAC



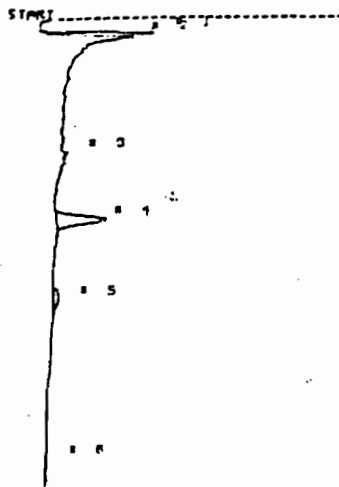
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STOP # 758.8
SAMPLE LIBRARY 1 JUL 16 1991 15:58
ANALYSIS # 16 PEI-FET BANK
INTERNAL TEMP 31 SAMPLE 8.
GAIN 58 258 MICROLITERS

```

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	28.4	377.7 NUS
ACE TONE	2	31.8	83.18 FTB
UNKNOWN	3	33.8	33.8 NUS
UNKNOWN	4	215.7	12.3 NUS
PERC	5	325.7	911.5 FTB
UNKNOWN	6	432.2	484.8 NUS
ETHYL BENZENE	7	337.3	1.724 FTB
O-XYLENE	8	282.3	8.845 FTB

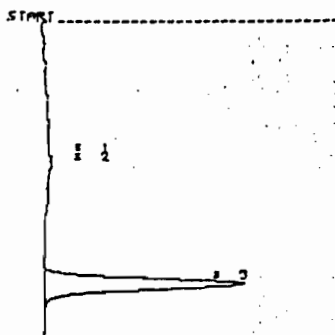
PHOTOVAC



STOP # 750.0
 SAMPLE LIBRARY 1 JUL 16 1991 16:24
 ANALYSIS # 17 PEI-KEY BANK
 INTERNAL TEMP 21 SAMPLE 2
 OVIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	26.2	1.0 US
ACETONE	2	24.2	26.75 FTU
UNKNOWN	3	215.7	51.2 AUS
PERC	4	222.7	136.8 FTU
UNKNOWN	5	446.8	524.8 AUS
D-XYLENE	6	624.5	7.138 FTU

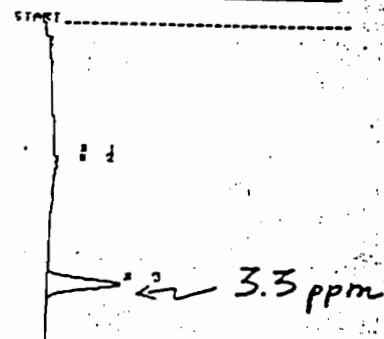
PHOTOVAC



STOP # 300.0
 SAMPLE LIBRARY 1 JUL 16 1991 20:20
 ANALYSIS # 2 PEI-KEY BANK
 INTERNAL TEMP 26 STANDARD-PERC
 OVIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	218.1	21.5 AUS
UNKNOWN	2	418.1	12.8 US

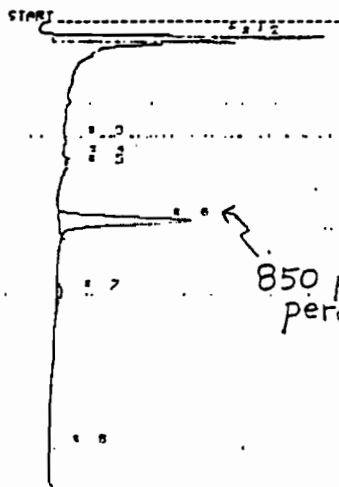
PHOTOVAC



STOP # 300.0
 SAMPLE LIBRARY 1 JUL 16 1991 20:20
 ANALYSIS # 3 PEI-KEY BANK
 INTERNAL TEMP 26 SAMPLE 4
 OVIN 50 1-10 DILUTION

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	218.1	22.4 AUS
PERC	2	414.8	331.8 FTU

PHOTOVAC



STOP # 750.0
 SAMPLE LIBRARY 1 JUL 16 1991 16:52
 ANALYSIS # 18 PEI-KEY BANK
 INTERNAL TEMP 21 SAMPLE 3
 OVIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	26.1	4.3 US
ACETONE	2	24.2	872.5 FTU
UNKNOWN	3	188.3	12.4 AUS
UNKNOWN	4	215.7	67.8 AUS
UNKNOWN	6	311.7	6.0 US
UNKNOWN	7	422.2	324.3 AUS
D-XYLENE	8	625.3	3.448 FTU

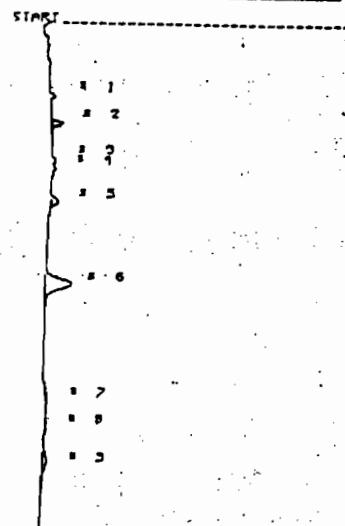
PHOTOVAC

CALIBRATED PEAK 3, PERC

SAMPLE LIBRARY 1 JUL 16 1991 20:24
 ANALYSIS # 2 PEI-KEY BANK
 INTERNAL TEMP 25 STANDARD-PERC
 OVIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
UNKNOWN	1	218.1	21.5 AUS
PERC	2	418.1	1.000 FTU

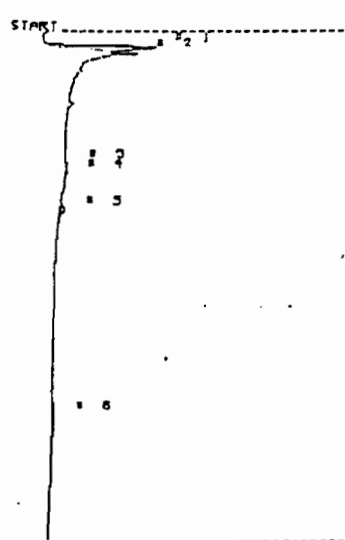
PHOTOVAC



STOP # 300.0
 SAMPLE LIBRARY 1 JUL 16 1991 20:51
 ANALYSIS # 1 PEI-KEY BANK
 INTERNAL TEMP 25 BLANK
 OVIN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTU
BENZENE	1	118.3	6.485 FTU
TCE	2	161.0	27.21 FTU
UNKNOWN	3	218.1	28.2 AUS
TOLUENE	4	282.3	68.13 FTU
PERC	6	412.3	121.1 FTU
UNKNOWN	7	601.2	246.3 AUS
ETHYL BENZENE	8	644.2	2.582 FTU
D-AND P-XYLENE	3	282.3	49.07 FTU

PHOTOVAC



STOP # 000.0
 SAMPLE LIBRARY 1 JUL 16 1991 21:17
 ANALYSIS # 5 PEI-KEY BANK
 INTERNAL TEMP 21 STRINGS BLANK
 OVEN 50 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/FTD
UNKNOWN	1	28.8	1.1 US
UNKNOWN	2	38.4	203.6 AUS
UNKNOWN	3	216.1	22.4 AUS
TOLUENE	5	287.8	24.23 FTD
UNKNOWN	6	618.1	114.2 AUS

Appendix B - Monitoring Well/Test Boring Logs

Sand

Sand

PRODUCTS & SERVICES, INC.

Hole No.: EPS-3

Sheet 1 of 1

Date Started: 7/7/92

Date Finished: 7/7/92

Project Location: Camarota's Cleaners

Method of Investigation:

4 1/4"ID Hollow Stem Auger, split spoon sampling, standard penetration test

Client: NYS DEC

Drilling Co.: Environmental Products & Services, Inc.

Project Coordinator: Lynne Farrell

Project No.:

Geologist: Rich Amirault

32A6997

Driller: Mike Salazzo

Drill Rig: Canterra CT-250

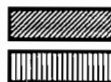
Surface Elevation:

Weather:

Partly sunny, 80 degrees

SAMPLE TYPES: S = Split Spoon _____ T = Shelby Tube _____
N = ASTM D1586 R = Rock Core _____ O = _____

BACKFILL
WELL
KEY



Auger Spoils

Cement



Bentonite

Sand

Appendix C - Site Visit Reports

Groundwater Sampling/Groundwater Remediation System

9/9/92

32A6967

Time on Site:

From: 170 am/pm

PC:

Tom Butler

To: 4:40 am/pm

- Site Name:

Camagota CI

FLOWMETER DATA		
Unit	GPM	Totalizer
WTDP No. 1		
WTDP No. 2		
WTDP No. 3		
Stripper Outlet		
Other _____		

RECOVERABLE DATA			
	Stick To:	Inches	
	(Total Depth)	Water:	
Tank No. 1			
Tank No. 2			

 $(2'' \Rightarrow 0.16$ [illegible]

Weather.

Samples collected for analysis:

☐ Yes☐ No

If yes, provide Chain of Custody Number(s):

COMMENTS: 1. Lamp outage lights system operational. 2. maintenance repairs performed as needed, etc.

Arrived: on site at 1:10 after buying rope. Did slug test on MW-1, MW-2, MW-3. Each test can be seen on the attached sheet. MW-2 had very little water and therefore didn't have a great deal of change. Left site at 4:45.

Called Bill Black at 4:15. Waited for his return call. before leaving site.

Field Technician Name:

Environmental Products & Services, Inc.

Field Technician Signature:

White - CORPORATE GEOTECH DEPARTMENT

Canary - GEOLOGIST/PROJECT COORDINATOR

Pink - FIELD TE

4/4/92 MW-1

DTW
5.42

test C

at office

Test 1

no change

didn't

have ref. de

Test 2

lin + scale set

TCC

100

lin 2

MW-1

Δ

20

8=0.

0

23

0

26

1.41

30

1.80

33

1.18

36

.76

40

.49

43

.35

46

.27

50

.23

53

.20

56

.18

60

.17

63

.15

66

.14

70

.13

73

.12

MW-2

DTW
5.84

Test 3

no data

slig not deep

Test 4

15/04

MW-3

DTW
6.20

test 5

40 sec

100.01

43

100.01

46

100.32

50

101.57

53

101.20

56

100.90

60

100.66

63

100.50

66

100.40

70

100.35

73

100.31

76

100.28

80 sec

100.01

max.

83

100.30

of ch

86

100.26

dependen

90

100.16

amount o

93

100.14

96

100.13

100

100.12

Groundwater Sampling/Groundwater Remediation System

Job #: 8146967

PC: L. Baker

Site Name: Camarobis Creek

Time on Site:

From: 12:30 am/pm

To: 3:30 am/pm

RECOVERY TANK DATA

WELL STATUS/PRODUCT THICKNESS/SAMPLING DATA $(2'' \Rightarrow 0.16, 4'' \Rightarrow 0.65)$ [illegible]

Weather: Sunny & warm

Samples collected for analysis: ☐ Yes ☐ No

If yes, provide Chain of Custody Number(s): _____

COMMENTS (Status of panel lights; system operational; maintenance/repairs performed or needed, etc.)

Site visit. Measured water levels, surveyed additional buildings and landmarks. Checked out geology of JPK and small area.

Utilities - Electric: MISC, water $\rightarrow$ City of Mexh. Sewer $\rightarrow$ Santiago Co. Sewer District
Natural Gas $\rightarrow$ MISC

Drums FH26 - soil FH25 - 1/2 full quarry FH27 - soil

Field Technician Name: ✓ Yong C. P. Kute

Field Technician Signature: _____

Environmental Products & Services, Inc.

2033.08B.200.92

White - CORPORATE GEOTECH DEPARTMENT

Canary - GEOLOGIST/PROJECT COORDINATOR

Pink - FIELD TECHNICIAN

FLOWMETER DATA		
UNIT	GPM	TOTAL LITER

REFERENCE DATA		
SITE NAME: DEC MECHANICVILLE		
JCS NO:	BRANCH: ALBANY	
PROJECT COORDINATOR: L. FARRELL		
RECOVERY TANK DATA		
TANK	TOTAL INCHES PRODUCT/WATER/ICE	INCHES PRODUCT
TANK NO. 1		
TANK NO. 2		

WELL STATUS/PRODUCT THICKNESS DATA							
WELL ID	DEPTH TO PRODUCT (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (INCHES)	WELL ID	DEPTH TO PRODUCT (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (INCHES)
EPS-1		4.58					
EPS-2		5.61					
EPS-3		5.37					

COMMENTS (STATUS OF PUMP, LIGHTS, SYSTEM OPERATIONAL, MAINTENANCE, REPAIRS, PERFORMANCE, ETC.)

gauged, sampled + developed all wells. Performers
Survey for map protection. All well volumes obtained

NAME Jody Scott

DAILY JOB REPORT

Company: DEC

Street:

City, State, Zip:

Location of Work: CANAROTA CLEANERS

Contact: Telephone:

Change of Scope (Call your supervisor):

Job Complete: ☐ Yes ☒ No Lunch Taken: ☒ Yes ☐ No

Code	Name	Title	Start	Finish	Total
	Jody Scott	Ex	8:00	3:00	7

Per Diem/Number of Men:

Quantity

Disposal	Brief Description	Liquids	Solids
Drums: ☐			
Tanker: ☐			
Roll Off: ☐			
Bags: ☐			
On Plastic ☐			

Comments:

Left on Site: ☐ Yes ☐ No

Day/Date: 7-16-92

Job Number:

Tail Gate Safety Meeting: Time _____ Not Applicable ☒ Supervisor/Foreman: _____

Health & Safety Site Characterization: Change from Set-up: ☐ Yes ☒ No If yes, describe: _____

Call your supervisor. Time _____ Signature: _____

Job Description: Gauge develop + Sample
EPS-1, 2, 3: take samples to lab.
Also survey site for map projection.

Code	Equipment - Type	Qty.	Code	Material - Type	Qty.
IP	Interface Probe	1			
UV	Utility Vehicle	1			

Code	Long-Term Rental	Qty.	In	Out	Sub-Contractors

[Signature]

FLOWMETER DATA		
UNIT	GPM	TOTAL LITER

REFERENCE DATA		
SITE NAME: DEC MECHANICVILLE		
JCS NO.:	BRANCH: ALBANY	
PROJECT COORDINATOR: L. FARRELL		
RECOVERY TANK DATA		
TANK	TOTAL INCHES PRODUCT/WATER/MISC	INCHES PRODUCT
TANK NO. 1		
TANK NO. 2		

WELL STATUS/PRODUCT THICKNESS DATA							
WELL ID	DEPTH TO PRODUCT (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (INCHES)	WELL ID	DEPTH TO PRODUCT (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (INCHES)
EPS-11		4.58					
EPS-2		5.61					
EPS-3		5.37					

COMMENTS (STATUS OF PNEUMATIC SYSTEM, OPERATIONAL MAINTENANCE REPAIRS PERFORMED, ETC.)

gauged, sampled + developed all wells. Performed
survey for map protection. All well volumes obtained.

NAME Jody Scott

Job Number: 324 6997

Tall Gate Safety Meeting: Time _____ Not Applicable ☒ Supervisor/Foreman: _____

Health & Safety Site Characterization: Change from Set-up: ☐ Yes ☒ No If yes, describe:

Call your supervisor. Time _____ Signature: _____

Job Description: Course develop + Sample

Q. 205-1. In a lake samples taken

$q=3=$	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Also survey site for map projection.

Code	Equipment - Type	Qty	Code	Material - Type	Qty

Code	Equipment - Type	Qty.	Code	Material - Type	Qty.
10	10	1			

IP	Interface Probe	1			

Utility Vehicle	1			

[illegible]

SURVEY EQUIPMENT	1			

[illegible][illegible][illegible][illegible]

[illegible]

[illegible][illegible][illegible][illegible][illegible]

Code	Long-Term Rental	Qty.	In	Out	Sub-Contractors

[illegible][illegible][illegible][illegible]

~~CONFIDENTIAL~~

Environmental Products & Services, Inc. Customer:

FLOWMETER DATA		
UNIT	GPM	TOTALIZER

REFERENCE DATA		
SITE NAME: DEC MECHANICVILLE		
JCS NO: 32A6997 BRANCH: ALBANY		
PROJECT COORDINATOR: R. AMHIRANCT		
RECOVERY TANK DATA		
TANK	TOTAL INCHES PRODUCT/WATERICE	INCHES PRODUCT
TANK NO. 1		
TANK NO. 2		

WELL STATUS/PRODUCT THICKNESS DATA							
WELL ID	DEPTH TO PRODUCT (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (INCHES)	WELL ID	DEPTH TO PRODUCT (FT.)	DEPTH TO WATER (FT.)	PRODUCT THICKNESS (INCHES)
EPS-1		5.08	12.00				
EPS-2		5.65	7.30				
EPS-3		6.80	11.50				

COMMENTS (STATUS OF PNEUMATIC SYSTEM, OPERATIONAL MAINTENANCE REPAIRS, PERFORMANCE, ETC.)

EPS-1 20 Gal bailed 5.23 at 11:07 18 additional gal bailed
5.11 at 11:09 at 12:33
5.07 at 11:13 DTW 5.27
5.00 at 11:22

EPS-2 15 gal bailed dry 6.75 at 10:45 1 additional gal bailed
6.52 at 10:47 at 11:59
6.48 10:50 DTW ~~6.73~~ 6.73
6.22 10:55

EPS-3 4.5 gal bailed dry 9.70 at 10:32 A.M.
8.30 at 10:34 5 additional gal bailed
6.70 at 10:37 at 11:45
6.33 at 10:42 DTW 9.72

NAME Jody Scott

Scranton, PA
(717) 341-8188

Job Number: 32A6997

Tall Gate Safety Meeting: Time _____ Not Applicable ☒ Supervisor/Foreman: _____

Health & Safety Site Characterization: Change from Set-up: ☐ Yes ☒ No If yes, describe:

Call your supervisor. Time _____ Signature: _____

Job Description: Develop and bail wells, take recharge
DTW readings

Change of Scope (Call your supervisor):

Job Complete: ☐ Yes ☐ No Lunch Taken: ☐ Yes ☐ No[illegible]

Code	Long-Term Rental	Qty.	In	Out	Sub-Contractors

Left on Site: ☐ Yes ☐ No

Customer:

Appendix D - CTM Analytical Results

32AL6997
*A928

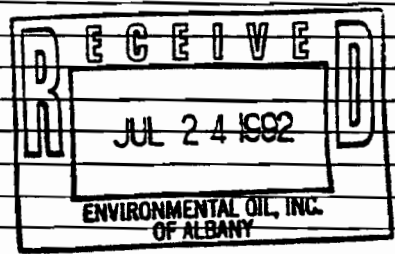
DEC / Camarata
Cleaners

CTM ANALYTICAL LABS, LTD.
15 Century Hill Dr.
Latham, NY 12110
Phone: (518)786-7100 Fax: (518)786-7139

Laboratory Analysis Report
Prepared for: NYS DEC REGION 4
Project Number: 92.03349
Task Number: 920715J
23 JUL 1992

IMPORTANT - PLEASE NOTE

1. All results are calculated on a dry weight basis unless otherwise specified.
2. PQL = Practical Quantitation Limit.
3. A result with a "D" means that the result was "Detected" below the Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
4. ND = Not Detected at or above the PQL.
5. NTP = Non-target peaks (0-5 peaks).
MNTP = Many non-target peaks (5+ peaks).
6. pH results not performed in the field should be considered estimated since the holding time is 15 minutes from the sampling time.



CERTIFICATIONS:

NYS E.L.A.P. ID NO: 10358	MA: NY052	CT: PH-0551
NJ: 73581	PA: 68-402	NH: 199014-C

NYS DEC REGION 4
2176 GUILDERLAND AVENUE
SCHENECTADY NY 12306

CTM PROJECT #: 92.03349

Attention: MR. ALLAN GEISENDORFER

CTM Task #: 920716J

Purchase Order Number: 9104582
Date Sampled: 07/16/92 Time: 00:00
Sampled By: SCOTT
Sample Id: EPS-1
Location: CAMARTAS CLEANERS

CTM Sample No: 920716J 01
Date Received: 07/16/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Refer
SW-846 8240 VOLATILES		COMPLETED			MC E:26-27 7/1
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			7/17
CHLOROMETHANE	SW-846 METHOD 8240	16	10	MCG/L	MC E:26-27 7/1
VINYL CHLORIDE	SW-846 METHOD 8240	ND	10	MCG/L	MC E:26-27 7/1
BROMOMETHANE	SW-846 METHOD 8240	D	10	MCG/L	MC E:26-27 7/1
CHLORoETHANE	SW-846 METHOD 8240	ND	10	MCG/L	MC E:26-27 7/1
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
METHYLENE CHLORIDE	SW-846 METHOD 8240	D	5	MCG/L	MC E:26-27 7/1
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
CHLOROFORM	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
BENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
TRICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
TOLUENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
TETRACHLOROETHENE	SW-846 METHOD 8240	D	5	MCG/L	MC E:26-27 7/1
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
CHLOROBENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
ETHYLBENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
BROMOFORM	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
STYRENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
ACETONE	SW-846 METHOD 8240	11	10	MCG/L	MC E:26-27 7/1
CARBON DISULFIDE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
VINYL ACETATE	SW-846 METHOD 8240	ND	10	MCG/L	MC E:26-27 7/1
2-HEXANONE	SW-846 METHOD 8240	ND	10	MCG/L	MC E:26-27 7/1
XYLENE (TOTAL)	SW-846 METHOD 8240	ND	5	MCG/L	MC E:26-27 7/1
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	ND	10	MCG/L	MC E:26-27 7/1

(CONTINUES ON NEXT PAGE)

REMARKS:

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
23 JUL 1992

PAGE 2

NYS DEC REGION 4
2176 GUILDERLAND AVENUE
SCHENECTADY NY 12306

CTM PROJECT #: 92.03349

CTM Task #: 920716J

Attention: MR. ALLAN GEISENDORFER

Purchase Order Number: 9104582
Date Sampled: 07/16/92 Time: 00:00
Sampled By : SCOTT
Sample Id: EPS-1
Location : CAMAROTAS CLEANERS

CTM Sample No: 920716J 01
Date Received: 07/16/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Refer

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)	SW-946 METHOD 8240	ND	10	MCG/L	MC E:26-27 7/

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/

NYS DEC REGION 4
2176 GUILDERLAND AVENUE
SCHENECTADY NY 12306

CTM PROJECT #: 92.03349

Attention: MR. ALLAN GEISENDORFER

CTM Task #: 920716J

Purchase Order Number: 9104582
Date Sampled: 07/16/92 Time: 00:00
Sampled By: SCOTT
Sample Id: EPS-2
Location: CAMAROTAS CLEANERS

CTM Sample No: 920716J 02
Date Received: 07/16/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Refer
SW-846 8240 VOLATILES		COMPLETED			MC E:36-37 7/2
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			7/21
CHLOROMETHANE	SW-846 METHOD 8240	D	10	MCG/L	MC E:36-37 7/2
VINYL CHLORIDE	SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/2
BROMOMETHANE	SW-846 METHOD 8240	D	10	MCG/L	MC E:36-37 7/2
CHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/2
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
METHYLENE CHLORIDE	SW-846 METHOD 8240	D	5	MCG/L	MC E:36-37 7/2
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
CHLOROFORM	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
BENZENE	SW-846 METHOD 8240	D	5	MCG/L	MC E:36-37 7/2
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
TRICHLOROETHENE	SW-846 METHOD 8240	D	5	MCG/L	MC E:36-37 7/2
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
TOLUENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
TETRACHLOROETHENE	SW-846 METHOD 8240	46	5	MCG/L	MC E:36-37 7/2
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
CHLOROBENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
ETHYLBENZENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
BROMOFORM	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
STYRENE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
ACETONE	SW-846 METHOD 8240	20	10	MCG/L	MC E:36-37 7/2
CARBON DISULFIDE	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
VINYL ACETATE	SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/2
2-HEXANONE	SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/2
XYLENE (TOTAL)	SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/2
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/2

(CONTINUES ON NEXT PAGE)

REMARKS:

NYS DEC REGION 4
2176 GUILDERLAND AVENUE
SCHENECTADY NY 12306

CTM PROJECT #: 92.03349

Attention: MR. ALLAN GEISENDORFER

CTM Task #: 920716J

Purchase Order Number: 9104582
Data Sampled: 07/16/92 Time: 00:00
Sampled By : SCOTT
Sample Id: EPS-2
Location : CAMAROTAS CLEANERS

CTM Sample No: 920716J 02
Data Received: 07/16/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Refer

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-846 METHOD 8240

ND

10

MCS/L

MC E:36-37 7/1

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/

NYS DEC REGION 4
2176 GUILDERLAND AVENUE
SCHENECTADY NY 12306

CTM PROJECT #: 92.03349

Attention: MR. ALLAN GEISENDORFER

CTM Task #: 920716J

Purchase Order Number: 9104582
Date Sampled: 07/16/92 Time: 00:00
Sampled By: SCOTT
Sample Id: EPS-3
Location: CAMAROTAS CLEANERS

CTM Sample No: 920716J 03
Data Received: 07/16/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results PQL Unit Analyst Refs

Parameters and Standard Methodology Used	Results	PQL	Unit	Analyst Refs
SW-846 8240 VOLATILES	COMPLETED			MC E:36-37 7/
PURGE & TRAP EXTRACTION	COMPLETED			7/21
CHLOROMETHANE SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/
VINYL CHLORIDE SW-846 METHOD 8240	D	10	MCG/L	MC E:36-37 7/
BROMOMETHANE SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/
CHLOROETHANE SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/
1,1-DICHLOROETHANE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
METHYLENE CHLORIDE SW-846 METHOD 8240	D	5	MCG/L	MC E:36-37 7/
TRANS 1,2-DICHLOROETHENE SW-846 METHOD 8240	6	5	MCG/L	MC E:36-37 7/
CIS 1,2-DICHLOROETHENE SW-846 METHOD 8240	34	5	MCG/L	MC E:36-37 7/
1,1-DICHLOROETHENE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
CHLOROFORM SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
1,1,1-TRICHLOROETHANE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
CARBON TETRACHLORIDE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
BENZENE SW-846 METHOD 8240	130	5	MCG/L	MC E:36-37 7/
1,2-DICHLOROETHANE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
TRICHLOROETHENE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
1,2-DICHLOROPROPANE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
BROMODICHLOROMETHANE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
TRANS-1,3-DICHLOROPROPENE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
TOLUENE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
CIS-1,3-DICHLOROPROPENE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
1,1,2-TRICHLOROETHANE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
TETRACHLOROETHENE SW-846 METHOD 8240	1,100	50	MCG/L	MC E:36-37 7/
DIBROMOCHLOROMETHANE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
CHLOROBENZENE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
ETHYLBENZENE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
BROMOFORM SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
1,1,2,2-TETRACHLOROETHANE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
STYRENE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
ACETONE SW-846 METHOD 8240	D	10	MCG/L	MC E:36-37 7/
CARBON DISULFIDE SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
VINYL ACETATE SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/
2-HEXANONE SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/
XYLENE (TOTAL) SW-846 METHOD 8240	ND	5	MCG/L	MC E:36-37 7/
4-METHYL-2-PENTANONE (MIBK) SW-846 METHOD 8240	ND	10	MCG/L	MC E:36-37 7/

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REMARKS:

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
23 JUL 1992

PAGE 6

NYS DEC REGION 4
2176 GUILDERLAND AVENUE
SCHENECTADY NY 12306

CTM PROJECT #: 92.03349

Attention: MR. ALLAN GEISENDORFER

CTM Task #: 920716J

Purchase Order Number: 9104582
Date Sampled: 07/16/92 Time: 00:00
Sampled By: SCOTT
Sample Id: EPS-3
Location: CAMAROTAS CLEANERS

CTM Sample No: 920716J 03
Date Received: 07/16/92
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Refe

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-846 METHOD 8240

ND

10

MCS/L

MC E:36-37 7/

REMARKS:

AUTHORIZED FOR RELEASE:

Tom Nobile

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/

PIN - ~~was not~~ Authorized in writing

EPS Sample No A928

Turnaround Time Requested Standard Turn around time

Sampled by: (signature)	Date/Time	Received by: (signature)	Date/Time	Preservatives 1. HCl 6. Ascorbic 2. HNO ₃ 7. H ₂ SO ₄ 3. NaOH 8. F (Filtered) 4. NaS ₂ O ₃ 9. N (not preserved) 5. Zn Acet 10. Other	Sample Condition 1. Samples intact? 2. Custody seals intact? 3. Preserved properly? 4. Ambient or chilled? 5. C.O.C. received with samples?
Relinquished by: (signature)		Received by: (signature)			
Relinquished by: (signature)		Received by: (signature)			
Dispatched by: (signature)		Received for Laboratory by:			

NOTES/COMMENTS:

Method of Shipment:

Date:

~~For results copy to~~

Frank and send copy to Lynne Farrell (EPS)

Fax # 465-5722

A917
DEC/Camarota
32A(6997) Cleaners

CTM ANALYTICAL LABS. LTD.
15 Century Hill Dr.
Latham, NY 12110
Phone: (518)786-7100 Fax: (518)786-7139

Laboratory Analysis Report
Prepared for: NYS DEC REGION 5
Project Number: 92.03349
Task Number: 920708Q
03 AUG 1992

IMPORTANT - PLEASE NOTE

1. All results are calculated on a dry weight basis unless otherwise specified.
2. PQL = Practical Quantitation Limit.
3. A result with a "D" means that the result was "Detected" below the Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
4. ND = Not Detected at or above the PQL.
5. NTP = Non-target peaks (0-5 peaks).
MNTP = Many non-target peaks (5+ peaks).
6. pH results not performed in the field should be considered estimated since the holding time is 15 minutes from the sampling time.
7. Methvlene chloride and acetone found in samples may be lab artifacts

CERTIFICATIONS:

NYS E.L.A.P. ID NO: 10358	MA: NY052	CT: PH-0551
NJ: 73581	PA: 68-402	NH: 199014-C

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207089

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207089 01

Date Sampled: 07/07/92 Time: 4:30 PM

Date Received: 07/08/92

Sampled By: AMIRALT

Collection Method: COMPOSITE

Sample Id: FH26 DRUM SAMPLE

Matrix: SDII

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Reference

SW-846 8240 VOLATILES

COMPLETED

MC E:24-25 7/16

PURGE & TRAP EXTRACTION

SW-846 METHOD 5030

COMPLETED

7/16

CHLOROMETHANE

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/16

VINYL CHLORIDE

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/16

BROMOMETHANE

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/16

CHLOROETHANE

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/16

1,1-DICHLOROETHANE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

METHYLENE CHLORIDE

SW-846 METHOD 8240

38

5

MCS/KG

MC E:24-25 7/16

TRANS 1,2-DICHLOROETHENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

CIS 1,2-DICHLOROETHENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

1,1-DICHLOROETHENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

CHLOROFORM

SW-846 METHOD 8240

D

5

MCS/KG

MC E:24-25 7/16

1,1,1-TRICHLOROETHANE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

CARBON TETRACHLORIDE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

BENZENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

1,2-DICHLOROETHANE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

TRICHLOROETHENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

1,2-DICHLOROPROPANE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

BROMODICHLOROMETHANE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

TRANS-1,3-DICHLOROPROPENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

TOLUENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

CIS-1,3-DICHLOROPROPENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

1,1,2-TRICHLOROETHANE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

TETRACHLOROETHENE

SW-846 METHOD 8240

D

5

MCS/KG

MC E:24-25 7/16

DIBROMOCHLOROMETHANE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

CHLOROBENZENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

ETHYLBENZENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

BROMOFORM

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

1,1,2,2-TETRACHLOROETHANE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

STYRENE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

ACETONE

SW-846 METHOD 8240

37

11

MCS/KG

MC E:24-25 7/16

CARBON DISULFIDE

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

VINYL ACETATE

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/16

2-HEXANONE

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/16

XYLENE (TOTAL)

SW-846 METHOD 8240

ND

5

MCS/KG

MC E:24-25 7/16

4-METHYL-2-PENTANONE (MIBK)

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/16

(CONTINUES ON NEXT PAGE)

REMARKS:

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
03 AUG 1992

PAGE 2

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 920708Q

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 920708Q 01

Date Sampled: 07/07/92 Time: 4:30 PM

Date Received: 07/08/92

Sampled By: AMIRALTI

Collection Method: COMPOSITE

Sample Id: FH26 DRUM SAMPLE

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/1

% SOLIDS

CLP SOW 4/89

93

%

EP 7/13

PETROLEUM HYDROCARBONS

EPA METHOD 418.1

1.700

60

MG/KG

CC B:99 7/23

SONICATION EXTRACTION

SW-846 3550

COMPLETED

EP 7/16

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/G

NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 9203749

Attention: RICH WAGNER

CTM Task #: 9207080

Purchase Order Number: 9104582/92111
Date Sampled: 07/07/92 Time: 4:20 PM
Sampled By: AMIRALTY
Sample Id: FH27 DRUM SAMPLE
Location: CAMAROTAS CLEANERS

CTM Sample No: 9207080 02
Date Received: 07/08/92
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
SW-846 8240 VOLATILES		COMPLETED			MC E:24-25 7/1/92
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			7/1/92
CHLOROMETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/1/92
VINYL CHLORIDE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/1/92
BROMOMETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/1/92
CHLOROETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/1/92
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
METHYLENE CHLORIDE	SW-846 METHOD 8240	32	6	MCG/KG	MC E:24-25 7/1/92
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
CHLOROFORM	SW-846 METHOD 8240	D	6	MCG/KG	MC E:24-25 7/1/92
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
BENZENE	SW-846 METHOD 8240	D	6	MCG/KG	MC E:24-25 7/1/92
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
TOLUENE	SW-846 METHOD 8240	10	6	MCG/KG	MC E:24-25 7/1/92
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
TETRACHLOROETHENE	SW-846 METHOD 8240	160	6	MCG/KG	MC E:24-25 7/1/92
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
ETHYLBENZENE	SW-846 METHOD 8240	D	6	MCG/KG	MC E:24-25 7/1/92
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
ACETONE	SW-846 METHOD 8240	12	11	MCG/KG	MC E:24-25 7/1/92
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1/92
VINYL ACETATE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/1/92
2-HEXANONE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/1/92
XYLENE (TOTAL)	SW-846 METHOD 8240	27	6	MCG/KG	MC E:24-25 7/1/92
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/1/92

(CONTINUES ON NEXT PAGE)

REMARKS:

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207080

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207080 02

Date Sampled: 07/07/92 Time: 4:20 PM

Date Received: 07/08/92

Sampled By: AMIRALTI

Collection Method: COMPOSITE

Sample Id: FH27 DRUM SAMPLE

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Refer

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:24-25 7/

% SOLIDS

CLP SOW 4/89

88

%

EP 7/13

PETROLEUM HYDROCARBONS

EPA METHOD 418.1

1,400

66

MG/KG

CC B:99 7/23

SONICATION EXTRACTION

SW-846 3550

COMPLETED

EP 7/16

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/E

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
03 AUG 1992

PAGE 5

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207089

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207089 03

Date Sampled: 07/07/92 Time: 10:50 AM

Date Received: 07/08/92

Sampled By: AMIRALTY

Collection Method: COMPOSITE

Sample Id: EPS-1 CUTTINGS 0-4

Matrix: SDII

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Ref.

SW-846 8240 VOLATILES

COMPLETED

MC E:24-25 7/1

PURGE & TRAP EXTRACTION

SW-846 METHOD 5030

COMPLETED

7/16

CHLOROMETHANE

SW-846 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/1

VINYL CHLORIDE

SW-846 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/1

BROMOMETHANE

SW-846 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/1

CHLOROETHANE

SW-846 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/1

1,1-DICHLOROETHANE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

METHYLENE CHLORIDE

SW-846 METHOD 8240

32

5

MCG/KG

MC E:24-25 7/1

TRANS 1,2-DICHLOROETHENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

CIS 1,2-DICHLOROETHENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

1,1-DICHLOROETHENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

CHLOROFORM

SW-846 METHOD 8240

D

5

MCG/KG

MC E:24-25 7/1

1,1,1-TRICHLOROETHANE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

CARBON TETRACHLORIDE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

BENZENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

1,2-DICHLOROETHANE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

TRICHLOROETHENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

1,2-DICHLOROPROPANE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

BROMODICHLOROMETHANE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

TRANS-1,3-DICHLOROPROPENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

TOLUENE

SW-846 METHOD 8240

D

5

MCG/KG

MC E:24-25 7/1

CIS-1,3-DICHLOROPROPENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

1,1,2-TRICHLOROETHANE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

TETRACHLOROETHENE

SW-846 METHOD 8240

D

5

MCG/KG

MC E:24-25 7/1

DIBROMOCHLOROMETHANE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

CHLOROBENZENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

ETHYLBENZENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

BROMOFORM

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

1,1,2,2-TETRACHLOROETHANE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

STYRENE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

ACETONE

SW-846 METHOD 8240

D

11

MCG/KG

MC E:24-25 7/1

CARBON DISULFIDE

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

VINYL ACETATE

SW-846 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/1

2-HEXANONE

SW-846 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/1

XYLENE (TOTAL)

SW-846 METHOD 8240

ND

5

MCG/KG

MC E:24-25 7/1

4-METHYL-2-PENTANONE (MIBK)

SW-846 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/1

(CONTINUES ON NEXT PAGE)

REMARKS:

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
03 AUG 1992

PAGE 6

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK NY 12977

CTM Task #: 9207080

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207080 03

Date Sampled: 07/07/92 Time: 10:50 AM

Date Received: 07/08/92

Sampled By: AMIRAUULT

Collection Method: COMPOSITE

Sample Id: EPS-1 CUTTINGS 0-4

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Refers

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-346 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/11

% SOLIDS

CLP SOW 4/89

92

%

EP 7/13

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=F

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207080

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207080 04

Date Sampled: 07/07/92 Time: 11:00 AM

Date Received: 07/08/92

Sampled By: AMIRALTI

Collection Method: COMPOSITE

Sample Id: EPA1-5/7

Matrix: SOIL

Location: CAMAROTS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Reference

SW-846 8240 VOLATILES

COMPLETED

MC E:24-25 7/16

PURGE & TRAP EXTRACTION

SW-846 METHOD 5030

COMPLETED

7/16

CHLOROMETHANE

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/16

VINYL CHLORIDE

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/16

BROMOMETHANE

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/16

CHLOROETHANE

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/16

1,1-DICHLOROETHANE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

METHYLENE CHLORIDE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

TRANS 1,2-DICHLOROETHENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

CIS 1,2-DICHLOROETHENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

1,1-DICHLOROETHENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

CHLOROFORM

SW-846 METHOD 8240

D

6

MCS/KG

MC E:24-25 7/16

1,1,1-TRICHLOROETHANE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

CARBON TETRACHLORIDE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

BENZENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

1,2-DICHLOROETHANE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

TRICHLOROETHENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

1,2-DICHLOROPROPANE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

BROMODICHLOROMETHANE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

TRANS-1,3-DICHLOROPROPENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

TOLUENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

CIS-1,3-DICHLOROPROPENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

1,1,2-TRICHLOROETHANE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

TETRACHLOROETHENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

DIBROMOCHLOROMETHANE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

CHLOROBENZENE

SW-846 METHOD 8240

D

6

MCS/KG

MC E:24-25 7/16

ETHYLBENZENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

BROMOFORM

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

1,1,2,2-TETRACHLOROETHANE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

STYRENE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

ACETONE

SW-846 METHOD 8240

D

12

MCS/KG

MC E:24-25 7/16

CARBON DISULFIDE

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

VINYL ACETATE

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/16

2-HEXANONE

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/16

XYLENE (TOTAL)

SW-846 METHOD 8240

ND

6

MCS/KG

MC E:24-25 7/16

4-METHYL-2-PENTANONE (MIBK)

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/16

(CONTINUES ON NEXT PAGE)

REMARKS:

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 920708Q

Attention: RICH WAGNER

Purchase Order Number: 9104562/92111

CTM Sample No: 920708Q 04

Date Sampled: 07/07/92 Time: 11:00 AM

Date Received: 07/08/92

Sampled By: AMIRAULT

Collection Method: COMPOSITE

Sample Id: EPA1-5/7

Matrix: SOIL

Location: CAMAROTS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Refe

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/

% SOLIDS

CLP SOW 4/89

82

%

EP 7/13

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/L

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 920708Q

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 920708Q 05

Date Sampled: 07/07/92 Time: 11:10 AM

Date Received: 07/08/92

Sampled By: AMIRBAULT

Collection Method: COMPOSITE

Sample Id: EPS-1 10-10.2

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-946 METHOD 8240

ND

10

MCS/KG

MC E:24-25 7/11

% SOLIDS

CLP SOW 4/89

98

%

EP 7/13

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/G=

NYS DEC REGION 5

CTM PROJECT #: 92-03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207089

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207089.06

Date Sampled: 07/07/92 Time: 12:45 PM

Date Received: 07/08/92

Sampled By: AMIRALTY

Collection Method: COMPOSITE

Sample Id: EPS-2-0-2

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Refer
SW-846 8240 VOLATILES		COMPLETED			MC E:34-35 7/2
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			7/20
CHLOROMETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:34-35 7/2
VINYL CHLORIDE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:34-35 7/2
BROMOMETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:34-35 7/2
CHLOROETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:34-35 7/2
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
CHLOROFORM	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
BENZENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
TRICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
TOLUENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
CHLOROBENZENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
ETHYLBENZENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
BROMOFORM	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
STYRENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
ACETONE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:34-35 7/2
CARBON DISULFIDE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
VINYL ACETATE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:34-35 7/2
2-HEXANONE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:34-35 7/2
XYLENE (TOTAL)	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:34-35 7/2
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:34-35 7/2

(CONTINUES ON NEXT PAGE)

REMARKS:

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
03 AUG 1992

PAGE 12

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207089

Attention: RICH WAGNER

Purchase Order Number: 9104562/92111

CTM Sample No: 9207089 06

Date Sampled: 07/07/92 Time: 12:45 PM

Date Received: 07/08/92

Sampled By: AMIRALTI

Collection Method: COMPOSITE

Sample Id: EPS-2-0-2

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Ref

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-846 METHOD 8240

ND

11

MCS/KG

MC E:34-35 7

% SOLIDS

CLP SOW 4/89

95

%

EP 7/13

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM.

NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.07349

Attention: RICH WAGNER

CTM Task #: 9207089

Purchase Order Number: 9104582/92111

CTM Sample No: 9207089 07

Date Sampled: 07/07/92 Time: 1:00 PM

Date Received: 07/08/92

Sampled By: AMIRALTY

Collection Method: COMPOSITE

Sample Id: EPS-2 5-7

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Ref
SW-846 8240 VOLATILES		COMPLETED			MC E:24-25 7/1
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			7/16
CHLOROMETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	MC E:24-25 7/1
VINYL CHLORIDE	SW-846 METHOD 8240	ND	12	MCG/KG	MC E:24-25 7/1
BROMOMETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	MC E:24-25 7/1
CHLOROETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	MC E:24-25 7/1
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
METHYLENE CHLORIDE	SW-846 METHOD 8240	23	6	MCG/KG	MC E:24-25 7/1
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
TOLUENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
TETRACHLOROETHENE	SW-846 METHOD 8240	33	6	MCG/KG	MC E:24-25 7/1
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
ACETONE	SW-846 METHOD 8240	D	12	MCG/KG	MC E:24-25 7/1
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
VINYL ACETATE	SW-846 METHOD 8240	ND	12	MCG/KG	MC E:24-25 7/1
2-HEXANONE	SW-846 METHOD 8240	ND	12	MCG/KG	MC E:24-25 7/1
XYLENE (TOTAL)	SW-846 METHOD 8240	ND	6	MCG/KG	MC E:24-25 7/1
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	ND	12	MCG/KG	MC E:24-25 7/1

(CONTINUES ON NEXT PAGE)

REMARKS:

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK NY 12977

CTM Task #: 920708Q

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 920708Q 07

Date Sampled: 07/07/92 Time: 1:00 PM

Date Received: 07/08/92

Sampled By: AMIRALTI

Collection Method: COMPOSITE

Sample Id: EPS-2 5-7

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Refer

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-846 METHOD 8240

ND

12

MCS/KG

MC E:24-25 7/1

% SOLIDS

CLP SOW 4/89

82

%

EP 7/13

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/G=

CTM ANALYTICAL LABS, LTD
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PAGE 15

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207089

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207089 08

Date Sampled: 07/07/92 Time: 1:15 PM

Date Received: 07/08/92

Sampled By: AMIRALTI

Collection Method: COMPOSITE

Sample Id: EPS 2 7.5-8

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
SW-846 8240 VOLATILES		COMPLETED			MC E:24-25 7/16
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			7/16
CHLOROMETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/26
VINYL CHLORIDE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/26
BROMOMETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/26
CHLOROETHANE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/26
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
METHYLENE CHLORIDE	SW-846 METHOD 8240	37	5	MCG/KG	MC E:24-25 7/16
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
CHLOROFORM	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
BENZENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
TRICHLOROETHENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
TOLUENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
TETRACHLOROETHENE	SW-846 METHOD 8240	27	5	MCG/KG	MC E:24-25 7/16
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
CHLOROBENZENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
ETHYLBENZENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
BROMOFORM	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
STYRENE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
ACETONE	SW-846 METHOD 8240	17	11	MCG/KG	MC E:24-25 7/16
CARBON DISULFIDE	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
VINYL ACETATE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/16
2-HEXANONE	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/16
XYLENE (TOTAL)	SW-846 METHOD 8240	ND	5	MCG/KG	MC E:24-25 7/16
4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	ND	11	MCG/KG	MC E:24-25 7/16

(CONTINUES ON NEXT PAGE)

REMARKS:

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK NY 12977

CTM Task #: 920708Q

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 920708Q 08

Date Sampled: 07/07/92 Time: 1:15 PM

Date Received: 07/08/92

Sampled By: AMIRAUULT

Collection Method: COMPOSITE

Sample Id: EPS 2 7.5-8

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)

SW-846 METHOD 8240

ND

11

MCG/KG

MC E:24-25 7/16

% SOLIDS

CLP SOW 4/89

92

%

EP 7/13

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PP

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
03 AUG 1992

PAGE 17

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 920708Q

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 920708Q 09

Date Sampled: 07/07/92 Time: 2:15 PM

Date Received: 07/08/92

Sampled By: AMIRALTY

Collection Method: COMPOSITE

Sample Id: EPS 3 0.5-2.5

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Reference

SW-846 8240 VOLATILES

COMPLETED

MC E:34-35 7/20

PURGE & TRAP EXTRACTION

SW-846 METHOD 5030

COMPLETED

7/20

CHLOROMETHANE

SW-846 METHOD 8240

ND

58

MCS/KG

MC E:34-35 7/20

VINYL CHLORIDE

SW-846 METHOD 8240

ND

58

MCS/KG

MC E:34-35 7/20

BROMOMETHANE

SW-846 METHOD 8240

ND

58

MCS/KG

MC E:34-35 7/20

CHLOROETHANE

SW-846 METHOD 8240

ND

58

MCS/KG

MC E:34-35 7/20

1,1-DICHLOROETHANE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

METHYLENE CHLORIDE

SW-846 METHOD 8240

75

29

MCS/KG

MC E:34-35 7/20

TRANS 1,2-DICHLOROETHENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

CIS 1,2-DICHLOROETHENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

1,1-DICHLOROETHENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

CHLOROFORM

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

1,1,1-TRICHLOROETHANE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

CARBON TETRACHLORIDE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

BENZENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

1,2-DICHLOROETHANE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

TRICHLOROETHENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

1,2-DICHLOROPROPANE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

BROMODICHLOROMETHANE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

TRANS-1,3-DICHLOROPROPENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

TOLUENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

CIS-1,3-DICHLOROPROPENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

1,1,2-TRICHLOROETHANE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

TETRACHLOROETHENE

SW-846 METHOD 8240

530

29

MCS/KG

MC E:34-35 7/20

DIBROMOCHLOROMETHANE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

CHLOROBENZENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

ETHYLBENZENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

BROMOFORM

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

1,1,2,2-TETRACHLOROETHANE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

STYRENE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

ACETONE

SW-846 METHOD 8240

D

58

MCS/KG

MC E:34-35 7/20

CARBON DISULFIDE

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

VINYL ACETATE

SW-846 METHOD 8240

ND

58

MCS/KG

MC E:34-35 7/20

2-HEXANONE

SW-846 METHOD 8240

ND

58

MCS/KG

MC E:34-35 7/20

XYLENE (TOTAL)

SW-846 METHOD 8240

ND

29

MCS/KG

MC E:34-35 7/20

4-METHYL-2-PENTANONE (MIBK)

SW-846 METHOD 8240

ND

58

MCS/KG

MC E:34-35 7/20

(CONTINUES ON NEXT PAGE)

REMARKS:

NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977
Attention: RICH WAGNER
Purchase Order Number: 9104582/92111
Date Sampled: 07/07/92 Time: 2:15 PM
Sampled By : AMIRALTI
Sample Id: EPS 3 0.5-2.5
Location : CAMAROTAS CLEANERS
CTM PROJECT #: 92.03349
CTM Task #: 920708Q
CTM Sample No: 920708Q 09
Date Received: 07/08/92
Collection Method: COMPOSITE
Matrix: SOIL

Parameters and Standard Methodology Used	Results	PQL	Unit	Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	58	MCS/KG	MC E:34-35 7/20
% SOLIDS	CLP SOW 4/89	86	%		EP 7/13

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/G=PPB

NYS DEC REGION 5

CTM PROJECT #: 9203349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207080

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207080 10

Date Sampled: 07/07/92 Time: 2:20 PM

Date Received: 07/08/92

Sampled By: AMIRALT

Collection Method: COMPOSITE

Sample Id: EPS 3 5-7

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Refers
SW-846 8240 VOLATILES		COMPLETED			MC E:34-35 7/2
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			7/20
METHANOL EXTRACTION	SW-846 METHOD 5030	COMPLETED			7/20
CHLOROMETHANE	SW-846 METHOD 8240	ND	1,800	MCG/KG	MC E:34-35 7/2
VINYL CHLORIDE	SW-846 METHOD 8240	ND	1,800	MCG/KG	MC E:34-35 7/20
BROMOMETHANE	SW-846 METHOD 8240	D	1,800	MCG/KG	MC E:34-35 7/2
CHLOROETHANE	SW-846 METHOD 8240	ND	1,800	MCG/KG	MC E:34-35 7/2
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
METHYLENE CHLORIDE	SW-846 METHOD 8240	2,300	920	MCG/KG	MC E:34-35 7/2
TRANS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
CIS 1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
CHLOROFORM	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
BENZENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
TRICHLOROETHENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
TOLUENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
TETRACHLOROETHENE	SW-846 METHOD 8240	9,700	920	MCG/KG	MC E:34-35 7/2
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
CHLOROBENZENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
ETHYLBENZENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
BROMOFORM	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
1,1,2,2-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
STYRENE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
ACETONE	SW-846 METHOD 8240	2,400	1,800	MCG/KG	MC E:34-35 7/2
CARBON DISULFIDE	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2
VINYL ACETATE	SW-846 METHOD 8240	ND	1,800	MCG/KG	MC E:34-35 7/2
2-HEXANONE	SW-846 METHOD 8240	ND	1,800	MCG/KG	MC E:34-35 7/2
XYLENE (TOTAL)	SW-846 METHOD 8240	ND	920	MCG/KG	MC E:34-35 7/2

(CONTINUES ON NEXT PAGE)

REMARKS:

CTM ANALYTICAL LABS, LTD
Laboratory Analysis Report
03 AUG 1992

PAGE 20

NYS DEC REGION 5

CTM PROJECT #: 92.03349

ROUTE 86

RAY BROOK

NY 12977

CTM Task #: 9207080

Attention: RICH WAGNER

Purchase Order Number: 9104582/92111

CTM Sample No: 9207080 10

Date Sampled: 07/07/92 Time: 2:20 PM

Date Received: 07/08/92

Sampled By: AMIRALTY

Collection Method: COMPOSITE

Sample Id: EPS 3 5-7

Matrix: SOIL

Location: CAMAROTAS CLEANERS

Parameters and Standard Methodology Used

Results

PQL

Unit

Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

4-METHYL-2-PENTANONE (MIBK)	SW-846 METHOD 8240	2.200	1.800	MCS/KG	MC E:34-35 7/20
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	1.800	MCS/KG	MC E:34-35 7/20
% SOLIDS	CLP SOW 4/89	68		%	EP 7/13

REMARKS:

LEGEND: MG/KG=PPM, MCS/KG=PPB, MG/L=PPM, MCS/L=PPB, MCS/G=P

CTM Analytical Laboratories, Ltd.

15 Century Hill Drive
P.O. Box 727
Latham, NY 12110
518-786-7100
FAX 518-786-7139

CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

CTM TASK #

420708C

EPAS ~~sample #A917~~
sample #A917

Spill No 9104582
PIN

Client NY50EC

Client Contact BILL JESMORE

Project Location Camaretas Cleaners - Mechanicville, NY

Purchase Order

Sampler's Name Rich Amiraull (Env. Prod. & Svcs)
(please print)

CTM Contact Lisa Foley

Turnaround Time Requested Standard TAT

CTM LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type			# of Con- tainers	Preservative (list by # from list below)	Analysis Required
				Matrix	C O M P	G R A B			
01	FH26, Drum Sample	7/7/92	4:30 pm	Soil	X		2 5.11 VoAs		EPA 8240 & TPH
02	FH27, Drum Sample		4:20 pm		X		2 5.11 VoAs		& TPH
03	EPS-1, Cuttings 0-4'		10:50 A				2 VoAs		
04	EPS-1, 5-7'		11:00 A				1.5 VoA		
05	EPS-1, 10-10.2		11:10 A				0.5 VoA		
06	EPS-2, 0-2		12:45 P				2 VoA		
07	EPS-2, 5-7		1:00 P				2 VoA		
08	EPS-2, 7.5-8		1:15 P				1 VoA		
09	EPS-3, 0.5-2.5		2:15 P				2 VoA		
10	EPS-3, 5-7		2:20				2 VoA		
Sampled by: (signature) Richard L. Amiraull		Date/Time 7/7/92	Received by: (signature) Michael A. Watson		Date/Time 7/8/92	Preservatives		Sample Condition	
Relinquished by: (signature)			Received by: (signature)			1. HCl 6. Ascorbic		1. Samples intact?	
Relinquished by: (signature)			Received by: (signature)			2. HNO ₃ 7. H ₂ SO ₄		2. Custody seals intact?	
Relinquished by: (signature)			Received by: (signature)			3. NaOH 8. F (Filtered)		3. Preserved properly?	
Relinquished by: (signature)			Received by: (signature)			4. Na ₂ S ₂ O ₃ 9. N (not preserved)		4. Ambient or chilled?	
Relinquished by: (signature)			Received by: (signature)			5. Zn Acet 10. Other		5. C.O.C. received with samples?	
Dispatched by: (signature) Michael A. Watson		Date/Time 7/8/92 3:20 pm	Received for Laboratory by: (signature) Jennifer Black		Date/Time 7/8/92	Method of Shipment:		Date:	
NOTES/COMMENTS:									

REFERENCE 12



Environmental PRODUCTS & SERVICES, INC.

Port of Albany

(518) 465-4000

FAX (518) 465-5722

Albany, NY 12202

(800) THE-TANK

June 25, 1993

Mr. William Jesmore
New York State Department of
Environmental Conservation
Box 220
Hudson Street Extension
Warrensburg, NY 12885

Re: Spill no. 91-04582
Camarota Cleaners
Mechanicville, New York

**NYS DEC
RECEIVED**

JUN 28 1993

**ENVIRONMENTAL QUALITY REGION I
WARRENSBURG, N.Y.**

Dear Mr. Jesmore;

Environmental Products & Services, Inc. is pleased to submit to you the results of the subsurface investigation completed at the above referenced site. The investigation includes indoor air sampling of homes adjacent to Camarota Cleaners and installation of five well points to assess the horizontal extent of the contaminant plume. A sixth well point was attempted but intersected shallow bedrock without encountering groundwater.

On May 21, 1993 Environmental Products & Services, Inc. installed five well points (Figure 1). These well points were developed, surveyed, gauged, and sampled. Table 1 illustrates data collected from surveying and gauging events. Samples were collected from the five well points and three monitoring wells (previously installed) and analyzed (per your request) in accordance with EPA Method 524 (Attachment 1). Table 2 summarizes the extent of the contaminants based upon the results from the groundwater analyses.

On May 13, 1993 the basements of three homes adjacent to Camarota Cleaners were sampled to assess the indoor air quality. Mr. Robert Griffith from the New York State Department of Health recommended that an air sample be taken from the basement of a fourth resident located in Mechanicville and not impacted by the contamination. A detailed inventory of the contents of each resident's basement was completed (Attachment 2) and the homes were sampled in accordance with New York State Department of Health Method 311-6. Results of the indoor air

Corporate Office
(315) 471-0503

Boston, MA
(617) 933-6666

Bridgeport, CT
(203) 367-3774

Buffalo, NY
(716) 876-7100

Linden, NJ
(908) 486-8600

Newburgh, NY
(914) 561-0707

Rochester, NY
(716) 436-5660

Scranton, PA
(717) 341-8188

Springfield, MA
(413) 731-1000

Syracuse, NY
(315) 451-6666

Mr. William Jesmore
June 25, 1993

2

quality assessment (Attachment 3) indicates the presence of Trichloroethene (63 ug/m³, port 1; 77 ug/m³, port 2; and 83 ug/m³, port 3) in the residence of Pat DiSienna. Toluene was also present (17 ug/m³, port 1; 20 ug/m³, port 2; and 15 ug/m³, port 3) in the residence of Glynn and Louise Sprat.

Environmental Products & Services, Inc. has been pleased to provide you with the services presented above. If you have any questions, or if we can clarify any of the above, please contact myself or Donald Bussey of this office.

Very Truly Yours;

ENVIRONMENTAL PRODUCTS & SERVICES, INC.

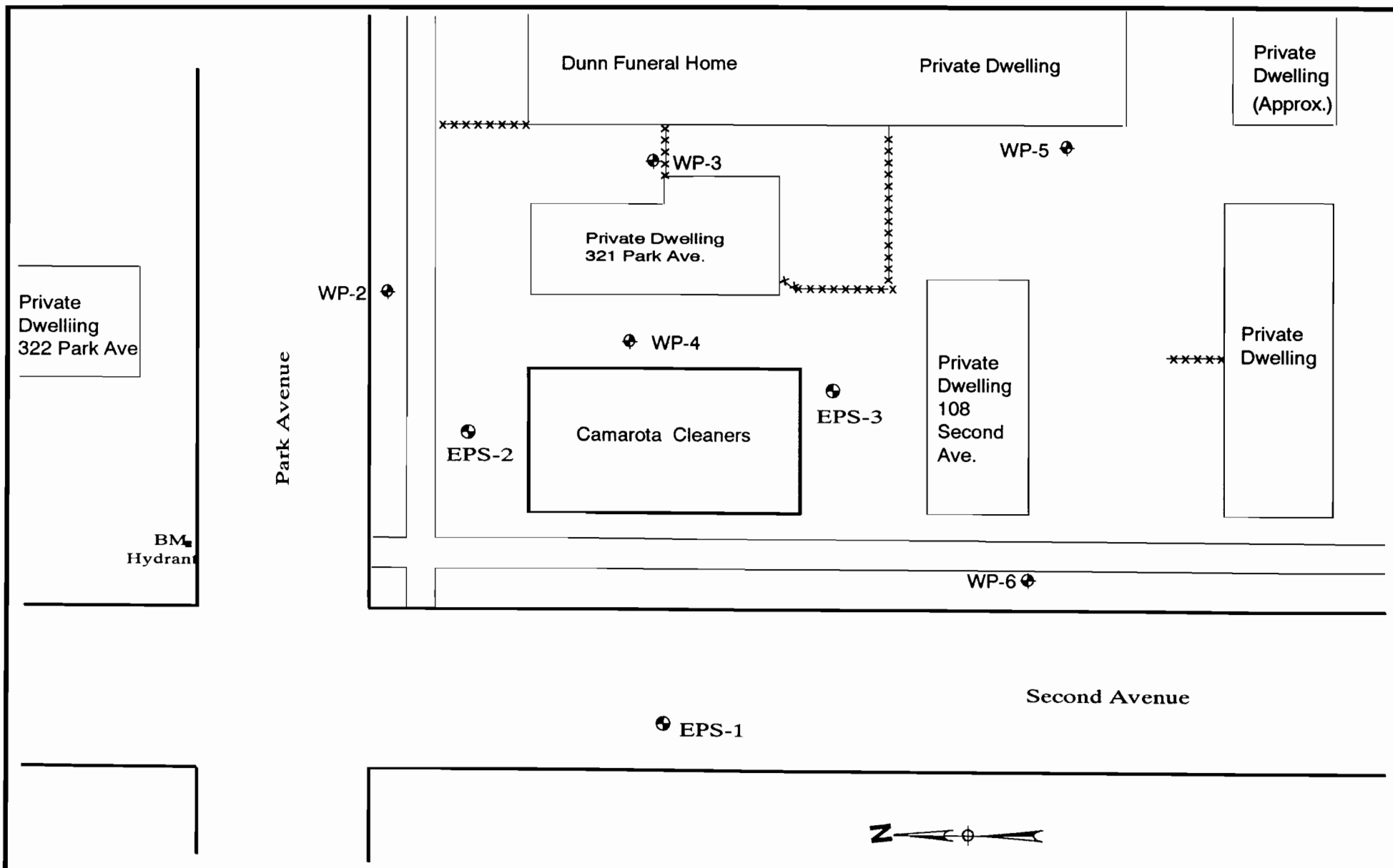


Jeff Kaleta
Geologist
Albany Office

JAK/jww

cc: Donald T. Bussey, Environmental Products & Services, Inc.
John W. Waechter, Environmental Products & Services, Inc.

enc: Figures (2)
Tables (2)
Attachments (3)



ENVIRONMENTAL PRODUCTS & SERVICES, INC.

DATE: 6-7-93

PROJECT NO.: A6997

LEGEND

Site Map

xxxx FENCE

⊕ WELL

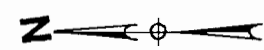
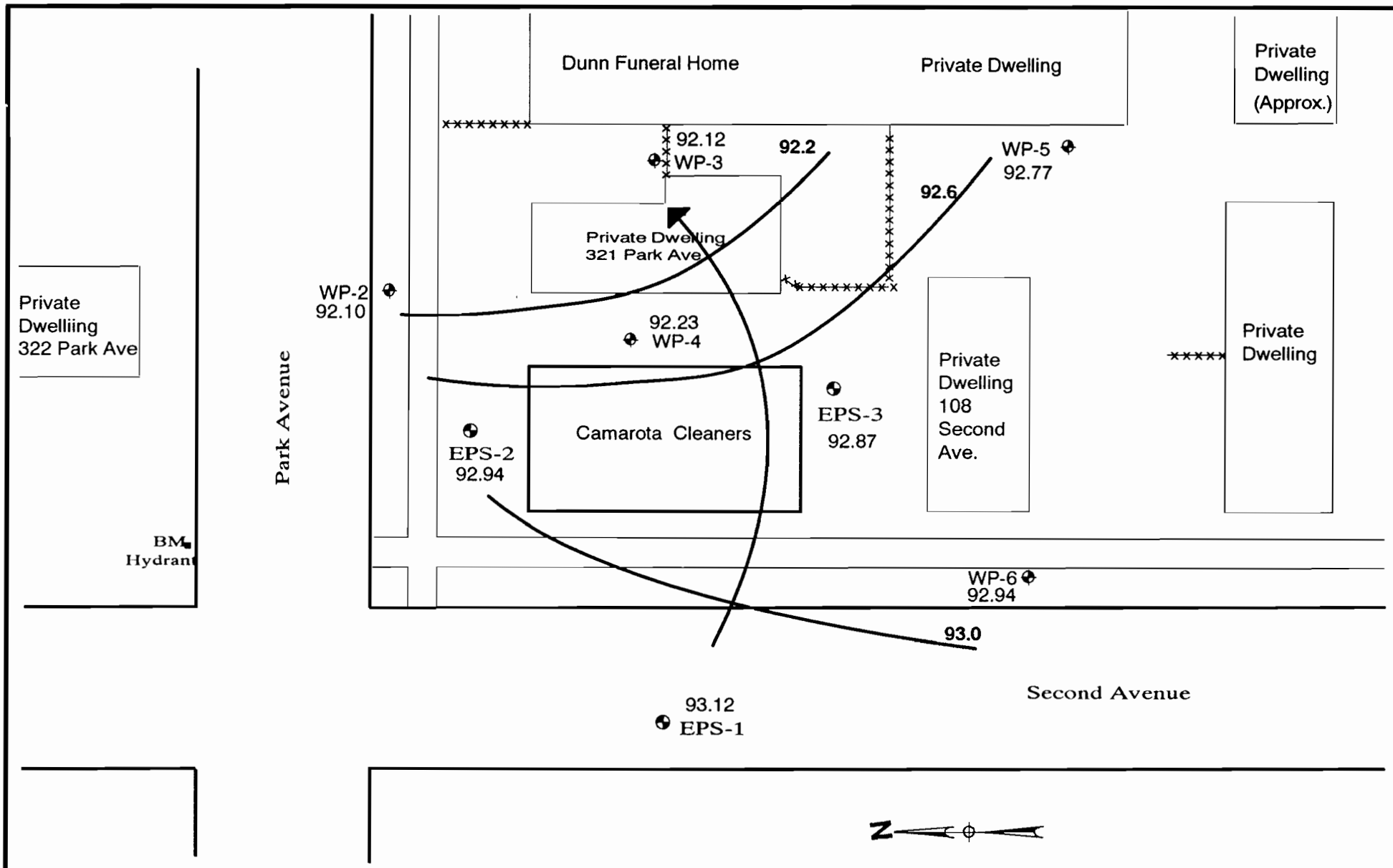
0 30
Scale in Feet

SCALE: 1" = 30'

FIGURE NO.: 1

DRAWN BY: MJC/JAK

LOCATION: Mechanicville, NY



ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: 6-7-93	PROJECT NO.: A6997
LEGEND GROUNDWATER ELEVATION CONTOUR MAP XXXXX FENCE FLOW DIRECTION GROUNDWATER ELEVATION CONTOUR WELL Scale in Feet		SCALE: 1" = 30'	FIGURE NO.: 2
		DRAWN BY: MJC/JAK	LOCATION: Mechanicville, NY

TABLE 1

Summary of Monitoring Well And Well Point Construction
and Water Table Elevation Data

(All Values In Feet)*
June 1993

WELL	TOP of PVC CASING	TOTAL DEPTH (from ground level)	ELEVATION OF SCREEN INTERVAL		6/10/93 WATER TABLE ELEVATION
			UPPER	LOWER	
EPS-1	98.52	12	95.12	86.12	93.12
EPS-2	98.84	8	96.16	91.16	92.94
EPS-3	99.04	11.5	94.00	88.00	92.87
WP-2	97.37	11	92.30	86.30	92.10
WP-3	98.14	10.5	93.87	87.87	92.12
WP-4	98.93	11	94.08	88.08	92.23
WP-5	97.77	11	92.92	86.92	92.77
WP-6	98.72	11	94.04	88.04	92.94

* Surveyed from arbitrary datum of 100 feet
All monitoring wells are constructed of 2" diameter PVC

TABLE 2

RESULTS OF GROUNDWATER
SAMPLING ANALYSES
CAMAROTA CLEANERS
MECHANICVILLE, NEW YORK

EPA METHOD 524 (results in parts per billion) MAY 26, 1993								
	EPS-1	EPS-2	EPS-3	WP-2	WP-3	WP-4	WP-5	WP-6
TETRACHLOROETHENE	0.9	9	590	38	10	1	22	360
TRICHLOROETHENE	ND	1.7	67	7.3	0.5	ND	6.1	23
CIS-1,2-DICHLOROETHENE	ND	0.82	0.2	4.4	ND	ND	4.2	1
VINYL CHLORIDE	ND	ND	1.2	1.2	ND	ND	1.4	ND
CHLOROMETHANE	ND	ND	ND	1	* 0.8	ND	ND	ND
BROMOMETHANE	ND	ND	ND	1	* 0.7	ND	ND	ND
CHLOROFORM	1.5	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	ND	ND	2.7	ND	ND	ND	1.1	ND
1,1,1-TRICHLOROETHENE	ND	ND	ND	ND	ND	ND	ND	1

* Suspected laboratory artifact

ND- Not Detectable



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ATTACHMENT 1

GROUNDWATER ANALYTICAL RESULTS

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Laboratory Analysis Report
Prepared for: NYS DEC REGION 5
Project Number: 92.03349
Task Number: 9305271
21 JUN 1993

IMPORTANT - PLEASE NOTE

1. All results are calculated on a dry weight basis unless otherwise specified.
2. PQL = Practical Quantitation Limit.
3. A result with a "D" means that the result was "Detected" below the Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
4. ND = Not Detected at or above the PQL.
5. NTP = Non-target peaks (0-5 peaks).
MNTP = Many non-target peaks (5+ peaks).
6. pH results not performed in the field should be considered estimated since the holding time is 15 minutes from the sampling time.

CERTIFICATIONS:

NYS E.L.A.P. ID NO: 10358

MA: NY052

CT: PH-0551

NJ: 73581

PA: 68-402

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-2
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 01
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Referen
PRINCIPAL ORGANIC CONTAMINANTSEPA METHOD 524.2		COMPLETED			6/9
DIFLUORODICHLORMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
CHLOROMETHANE	EPA METHOD 524.2	1.0	0.5	MCG/L	GCMS E2:25 6/9
VINYL CHLORIDE	EPA METHOD 524.2	1.2	0.5	MCG/L	GCMS E2:25 6/9
BROMOMETHANE	EPA METHOD 524.2	1.0	0.5	MCG/L	GCMS E2:25 6/9
CHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
TRICHLOROFLUOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,1-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
METHYLENE CHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
TRANS-1,2-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,1-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
2,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
CIS-1,2-DICHLOROETHENE	EPA METHOD 524.2	4.4	0.5	MCG/L	GCMS E2:25 6/9
CHLOROFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
BROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,1,1-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,1-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
CARBON TETRACHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,2-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
BENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
TRICHLOROETHENE	EPA METHOD 524.2	7.3	0.5	MCG/L	GCMS E2:25 6/9
1,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
BROMODICHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
DIBROMOMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
TRANS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
TOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
CIS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,1,2-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,3-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
TETRACHLOROETHENE	EPA METHOD 524.2	38	5	MCG/L	GCMS E2:25 6/9
DIBROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,2-DIBROMOETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9

(CONTINUES ON NEXT PAGE)

REMARKS:

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-2
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 01
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Referer
CHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,1,1,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
ETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
M&P XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
O-XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
STYRENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
BROMOFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
ISOPROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,1,2,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,2,3-TRICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
BROMOBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
N-PROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
O-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,3,5-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
P-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
T-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,2,4-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
SEC-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
P-ISOPROPYLTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,3-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,4-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
N-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,2-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,2-DIBROMO-3-CHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,2,3-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
HEXACHLOROBUTADIENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9
1,2,4-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:25 6/9

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-3
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 02
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Reference
PRINCIPAL ORGANIC CONTAMINANTSEPA METHOD 524.2		COMPLETED			6/9
DIFLUORODICHLORMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
CHLOROMETHANE	EPA METHOD 524.2	0.8 *	0.5	MCG/L	GCMS E2:29 6/9
VINYL CHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
BROMOMETHANE	EPA METHOD 524.2	0.7 *	0.5	MCG/L	GCMS E2:29 6/9
CHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
TRICHLOROFLUOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
1,1-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
METHYLENE CHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
TRANS-1,2-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
1,1-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
2,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
CIS-1,2-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
CHLOROFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
BROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
1,1,1-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
1,1-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:29 6/9
CARBON TETRACHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,2-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
BENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
TRICHLOROETHENE	EPA METHOD 524.2	0.5	0.5	MCG/L	GCMS E2:26 6/9
1,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
BROMODICHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
DIBROMOMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
TRANS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
TOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
CIS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,1,2-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,3-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
TETRACHLOROETHENE	EPA METHOD 524.2	10	0.5	MCG/L	GCMS E2:26 6/9
DIBROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,2-DIBROMOETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9

(CONTINUES ON NEXT PAGE)

REMARKS: * Suspected laboratory artifact.

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-3
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 02
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results	PQL	Unit	Analyst Refere

(CONTINUED FROM PREVIOUS PAGE)

CHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,1,1,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
ETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
M&P XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
O-XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
STYRENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
BROMOFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
ISOPROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,1,2,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,2,3-TRICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
BROMOBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
N-PROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
O-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,3,5-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
P-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
T-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,2,4-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
SEC-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
P-ISOPROPYLTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,3-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,4-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
N-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,2-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,2-DIBROMO-3-CHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,2,3-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
HEXACHLOROBUTADIENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9
1,2,4-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:26 6/9

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-4
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 03
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Referer
PRINCIPAL ORGANIC CONTAMINANTSEPA METHOD 524.2		COMPLETED			GCMS E2:27 6/9
DIFLUORODICHLORMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
CHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
VINYL CHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
BROMOMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
CHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
TRICHLOROFLUOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,1-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
METHYLENE CHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
TRANS-1,2-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,1-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
2,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
CIS-1,2-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
CHLOROFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
BROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,1,1-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,1-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
CARBON TETRACHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
BENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
TRICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
BROMODICHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
DIBROMOMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
TRANS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
TOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
CIS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,1,2-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,3-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
TETRACHLOROETHENE	EPA METHOD 524.2	1.0	0.5	MCG/L	GCMS E2:27 6/9
DIBROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2-DIBROMOETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9

(CONTINUES ON NEXT PAGE)

REMARKS:

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-4
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 03
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results	PQL	Unit	Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

CHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,1,1,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
ETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
M&P XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
O-XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
STYRENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
BROMOFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
ISOPROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,1,2,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2,3-TRICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
BROMOBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
N-PROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
O-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,3,5-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
P-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
T-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2,4-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
SEC-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
P-ISOPROPYLTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,3-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,4-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
N-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2-DIBROMO-3-CHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2,3-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
HEXACHLOROBUTADIENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9
1,2,4-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:27 6/9

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-5
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 04
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Refere
PRINCIPAL ORGANIC CONTAMINANTSEPA METHOD 524.2		COMPLETED	0.5	MCG/L	6/9
DIFLUORODICHLORMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
CHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
VINYL CHLORIDE	EPA METHOD 524.2	1.4	0.5	MCG/L	GCMS E2:28 6/9
BROMOMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
CHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
TRICHLOROFLUOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,1-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
METHYLENE CHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
TRANS-1,2-DICHLOROETHENE	EPA METHOD 524.2	1.1	0.5	MCG/L	GCMS E2:28 6/9
1,1-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
2,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
CIS-1,2-DICHLOROETHENE	EPA METHOD 524.2	4.2	0.5	MCG/L	GCMS E2:28 6/9
CHLOROFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
BROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,1,1-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,1-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
CARBON TETRACHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,2-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
BENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
TRICHLOROETHENE	EPA METHOD 524.2	6.1	0.5	MCG/L	GCMS E2:28 6/9
1,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
BROMODICHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
DIBROMOMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
TRANS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
TOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
CIS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,1,2-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,3-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
TETRACHLOROETHENE	EPA METHOD 524.2	22	5	MCG/L	GCMS E2:28 6/9
DIBROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,2-DIBROMOETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-5
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 04
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results PQL Unit Analyst Reference

(CONTINUED FROM PREVIOUS PAGE)

CHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,1,1,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
ETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
M&P XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
O-XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
STYRENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
BROMOFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
ISOPROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,1,2,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,2,3-TRICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
BROMOBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
N-PROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
O-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,3,5-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
P-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
T-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,2,4-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
SEC-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
P-ISOPROPYLTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,3-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,4-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
N-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,2-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,2-DIBROMO-3-CHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,2,3-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
HEXACHLOROBUTADIENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9
1,2,4-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:28 6/9

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

Attention: MR. RICH WAGNER

CTM Task #: 9305271

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-6
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 05
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

PRINCIPAL ORGANIC CONTAMINANTSEPA METHOD 524.2
DIFLUORODICHLORMETHANE EPA METHOD 524.2
CHLOROMETHANE EPA METHOD 524.2
VINYL CHLORIDE EPA METHOD 524.2
BROMOMETHANE EPA METHOD 524.2
CHLOROETHANE EPA METHOD 524.2
TRICHLOROFLUOROMETHANE EPA METHOD 524.2
1,1-DICHLOROETHENE EPA METHOD 524.2
METHYLENE CHLORIDE EPA METHOD 524.2
TRANS-1,2-DICHLOROETHENE EPA METHOD 524.2
1,1-DICHLOROETHANE EPA METHOD 524.2
2,2-DICHLOROPROPANE EPA METHOD 524.2
CIS-1,2-DICHLOROETHENE EPA METHOD 524.2
CHLOROFORM EPA METHOD 524.2
BROMOCHLOROMETHANE EPA METHOD 524.2
1,1,1-TRICHLOROETHANE EPA METHOD 524.2
1,1-DICHLOROPROPENE EPA METHOD 524.2
CARBON TETRACHLORIDE EPA METHOD 524.2
1,2-DICHLOROETHANE EPA METHOD 524.2
BENZENE EPA METHOD 524.2
TRICHLOROETHENE EPA METHOD 524.2
1,2-DICHLOROPROPANE EPA METHOD 524.2
BROMODICHLOROMETHANE EPA METHOD 524.2
DIBROMOMETHANE EPA METHOD 524.2
TRANS-1,3-DICHLOROPROPENE EPA METHOD 524.2
TOLUENE EPA METHOD 524.2
CIS-1,3-DICHLOROPROPENE EPA METHOD 524.2
1,1,2-TRICHLOROETHANE EPA METHOD 524.2
1,3-DICHLOROPROPANE EPA METHOD 524.2
TETRACHLOROETHENE EPA METHOD 524.2
DIBROMOCHLOROMETHANE EPA METHOD 524.2
1,2-DIBROMOETHANE EPA METHOD 524.2

Results	PQL	Unit	Analyst Referen
COMPLETED			6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
1.0	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
1.0	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
23	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
360	50	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10
ND	0.5	MCG/L	GCMS E2:38 6/10

(CONTINUES ON NEXT PAGE)

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: WP-6
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 05
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results PQL Unit Analyst Referen

(CONTINUED FROM PREVIOUS PAGE)

CHLOROGENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,1,1,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
ETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
M&P XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
O-XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
STYRENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
BROMOFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
ISOPROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,1,2,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,2,3-TRICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
BROMOBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
N-PROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
O-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,3,5-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
P-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
T-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,2,4-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
SEC-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
P-ISOPROPYLTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,3-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,4-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
N-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,2-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,2-DIBROMO-3-CHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,2,3-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
HEXACHLOROBUTADIENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10
1,2,4-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:38 6/10

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: EPS-1
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 06
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

PRINCIPAL ORGANIC CONTAMINANTSEPA METHOD 524.2
DIFLUORODICHLORMETHANE EPA METHOD 524.2
CHLOROMETHANE EPA METHOD 524.2
VINYL CHLORIDE EPA METHOD 524.2
BROMOMETHANE EPA METHOD 524.2
CHLOROETHANE EPA METHOD 524.2
TRICHLOROFLUOROMETHANE EPA METHOD 524.2
1,1-DICHLOROETHENE EPA METHOD 524.2
METHYLENE CHLORIDE EPA METHOD 524.2
TRANS-1,2-DICHLOROETHENE EPA METHOD 524.2
1,1-DICHLOROETHANE EPA METHOD 524.2
2,2-DICHLOROPROPANE EPA METHOD 524.2
CIS-1,2-DICHLOROETHENE EPA METHOD 524.2
CHLOROFORM EPA METHOD 524.2
BROMOCHLOROMETHANE EPA METHOD 524.2
1,1,1-TRICHLOROETHANE EPA METHOD 524.2
1,1-DICHLOROPROPENE EPA METHOD 524.2
CARBON TETRACHLORIDE EPA METHOD 524.2
1,2-DICHLOROETHANE EPA METHOD 524.2
BENZENE EPA METHOD 524.2
TRICHLOROETHENE EPA METHOD 524.2
1,2-DICHLOROPROPANE EPA METHOD 524.2
BROMODICHLOROMETHANE EPA METHOD 524.2
DIBROMOMETHANE EPA METHOD 524.2
TRANS-1,3-DICHLOROPROPENE EPA METHOD 524.2
TOLUENE EPA METHOD 524.2
CIS-1,3-DICHLOROPROPENE EPA METHOD 524.2
1,1,2-TRICHLOROETHANE EPA METHOD 524.2
1,3-DICHLOROPROPANE EPA METHOD 524.2
TETRACHLOROETHENE EPA METHOD 524.2
DIBROMOCHLOROMETHANE EPA METHOD 524.2
1,2-DIBROMOETHANE EPA METHOD 524.2

Results	PQL	Unit	Analyst Reference
COMPLETED			6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
1.5	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
0.9	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10

(CONTINUES ON NEXT PAGE)

REMARKS:

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GC/MS
GC
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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: EPS-1
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 06
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results	POL	Unit	Analyst Referen

(CONTINUED FROM PREVIOUS PAGE)

CHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,1,1,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
ETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
M&P XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
O-XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
STYRENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
BROMOFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
ISOPROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,1,2,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2,3-TRICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
BROMOBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
N-PROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
O-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,3,5-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
P-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
T-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2,4-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
SEC-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
P-ISOPROPYLTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,3-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,4-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
N-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2-DIBROMO-3-CHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2,3-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
HEXACHLOROBUTADIENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2,4-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: EPS-2
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 07
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

PRINCIPAL ORGANIC CONTAMINANTSEPA METHOD 524.2
DIFLUORODICHLORMETHANE EPA METHOD 524.2
CHLOROMETHANE EPA METHOD 524.2
VINYL CHLORIDE EPA METHOD 524.2
BROMOMETHANE EPA METHOD 524.2
CHLOROETHANE EPA METHOD 524.2
TRICHLOROFLUOROMETHANE EPA METHOD 524.2
1,1-DICHLOROETHENE EPA METHOD 524.2
METHYLENE CHLORIDE EPA METHOD 524.2
TRANS-1,2-DICHLOROETHENE EPA METHOD 524.2
1,1-DICHLOROETHANE EPA METHOD 524.2
2,2-DICHLOROPROPANE EPA METHOD 524.2
CIS-1,2-DICHLOROETHENE EPA METHOD 524.2
CHLOROFORM EPA METHOD 524.2
BROMOCHLOROMETHANE EPA METHOD 524.2
1,1,1-TRICHLOROETHANE EPA METHOD 524.2
1,1-DICHLOROPROPENE EPA METHOD 524.2
CARBON TETRACHLORIDE EPA METHOD 524.2
1,2-DICHLOROETHANE EPA METHOD 524.2
BENZENE EPA METHOD 524.2
TRICHLOROETHENE EPA METHOD 524.2
1,2-DICHLOROPROPANE EPA METHOD 524.2
BROMODICHLOROMETHANE EPA METHOD 524.2
DIBROMOMETHANE EPA METHOD 524.2
TRANS-1,3-DICHLOROPROPENE EPA METHOD 524.2
TOLUENE EPA METHOD 524.2
CIS-1,3-DICHLOROPROPENE EPA METHOD 524.2
1,1,2-TRICHLOROETHANE EPA METHOD 524.2
1,3-DICHLOROPROPANE EPA METHOD 524.2
TETRACHLOROETHENE EPA METHOD 524.2
DIBROMOCHLOROMETHANE EPA METHOD 524.2
1,2-DIBROMOETHANE EPA METHOD 524.2

Results	PQL	Unit	Analyst Referen
COMPLETED			6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
0.82	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
1.7	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
9.0	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10
ND	0.5	MCG/L	GCMS E2:39 6/10

(CONTINUES ON NEXT PAGE)

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: EPS-2
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 07
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results	PQL	Unit	Analyst Referen

(CONTINUED FROM PREVIOUS PAGE)

CHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,1,1,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
ETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
M&P XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
O-XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
STYRENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
BROMOFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
ISOPROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,1,2,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2,3-TRICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
BROMOBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
N-PROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
O-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,3,5-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
P-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
T-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2,4-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
SEC-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
P-ISOPROPYLTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,3-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,4-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
N-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2-DIBROMO-3-CHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2,3-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
HEXACHLOROBUTADIENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10
1,2,4-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:39 6/10

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

CTM Task #: 9305271

Attention: MR. RICH WAGNER

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: EPS-3
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 08
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Referen
PRINCIPAL ORGANIC CONTAMINANTSEPA METHOD 524.2		COMPLETED			6/10
DIFLUORODICHLORMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
CHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
VINYL CHLORIDE	EPA METHOD 524.2	1.2	0.5	MCG/L	GCMS E2:41 6/10
BROMOMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
CHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
TRICHLOROFLUOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,1-DICHLOROETHENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
METHYLENE CHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
TRANS-1,2-DICHLOROETHENE	EPA METHOD 524.2	2.7	0.5	MCG/L	GCMS E2:41 6/10
1,1-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
2,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
CIS-1,2-DICHLOROETHENE	EPA METHOD 524.2	0.2	0.5	MCG/L	GCMS E2:41 6/10
CHLOROFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
BROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,1,1-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,1-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
CARBON TETRACHLORIDE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,2-DICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
BENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
TRICHLOROETHENE	EPA METHOD 524.2	67	50	MCG/L	GCMS E2:41 6/10
1,2-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
BROMODICHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
DIBROMOMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
TRANS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
TOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
CIS-1,3-DICHLOROPROPENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,1,2-TRICHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,3-DICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
TETRACHLOROETHENE	EPA METHOD 524.2	590	50	MCG/L	GCMS E2:41 6/10
DIBROMOCHLOROMETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,2-DIBROMOETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10

(CONTINUES ON NEXT PAGE)

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NYS DEC REGION 5
ROUTE 86
RAY BROOK NY 12977

CTM PROJECT #: 92.03349

Attention: MR. RICH WAGNER

CTM Task #: 9305271

Purchase Order Number: 9104582/92111
Date Sampled: 05/26/93 Time: 00:00
Sampled By : SCHOTTENHAM
Sample Id: EPS-3
Location : CAMAROTA CLEANERS

CTM Sample No: 9305271 08
Date Received: 05/27/93
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results PQL Unit Analyst Referer

(CONTINUED FROM PREVIOUS PAGE)

CHLOROGENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,1,1,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
ETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
M&P XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
O-XYLENES	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
STYRENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
BROMOFORM	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
ISOPROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,1,2,2-TETRACHLOROETHANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,2,3-TRICHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
BROMOBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
N-PROPYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
O-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,3,5-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
P-CHLOROTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
T-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,2,4-TRIMETHYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
SEC-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
P-ISOPROPYLTOLUENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,3-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,4-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
N-BUTYLBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,2-DICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,2-DIBROMO-3-CHLOROPROPANE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,2,3-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
HEXACHLOROBUTADIENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10
1,2,4-TRICHLOROBENZENE	EPA METHOD 524.2	ND	0.5	MCG/L	GCMS E2:41 6/10

REMARKS:

AUTHORIZED FOR RELEASE: *Peter B. Butryn*

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPB

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CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

CTM TASK #

10041

A1085

JOB # A 6997

Client EP4S, NY STATE DEC REGION II
Client Contact Don Bussen, Bill Jasciore
Project Location AMARORA CLEVERERS, TECHNICAL
Purchase Order 1101552

Sampler's Name GLEN SCOTTENHAM
(please print)

CTM Contact

Turnaround Time Requested STANDARD

CTM LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type			# of Con- tainers	Preservative (list by # from list below)	Analysis Required
				Matrix	C O M P	G R A B			
01	WP-2	5/26/45	P	H ₂ O		4	3	1	524
02	WP-3								
03	WP-4								
04	WP-5								
05	WP-6								
06	EPS-1								
07	EPS-2								
08	EPS-3								

Sampled by: (signature)	Date/Time	Received by: (signature)	Date/Time	Preservatives		Sample Condition
Relinquished by: (signature)	5/26 5:00 PM	Received by: (signature)		1. HCl	6. Ascorbic	1. Samples intact? Y N
Relinquished by: (signature)		Received by: (signature)		2. HNO ₃	7. H ₂ SO ₄	2. Custody seals intact? Y N
Relinquished by: (signature)		Received by: (signature)		3. NaOH	8. F (Filtered)	3. Preserved properly? Y N
Relinquished by: (signature)		Received by: (signature)		4. Na ₂ S ₂ O ₃	9. N (not preserved)	4. Ambient or chilled?
Relinquished by: (signature)		Received by: (signature)		5. Zn Acet	10. Other	5. C.O.C. received with (Y) N samples?
Dispatched by: (signature)	5/27 12:00 PM	Received for Laboratory by:		Method of Shipment:		Date:
NOTES/COMMENTS:						

ATTACHMENT 2

INVENTORY OF RESIDENT BASEMENTS

RESIDENCE: Spratt, Glynn & Louise
ADDRESS: 101 Second Avenue
Mechanicville, NY 12118

PHONE: (518) 664-5557

PRIMARY USE OF BASEMENT: Wood Shop

SAMPLE LOCATION: Basement center, 10 feet from hot water heater

CONTENTS OF BASEMENT:

Liquid Plumber	Breath Pine (cleaner, Brandow Inc.)
Glamorene (Petroleum distillate and Trichloroethylene)	Ant and Soil Insect Granules (Agway)
Ammonia	Lawn Mower
Mineral Spirits	Acetone
Turpentine	Tung Oil
Poly Urethane	Latex
Solvent Alcohol	Rustoleum (paint)
Acrylic Latex Enamel	"33" Glazing
Spead Gloss (paint, Glidden)	Enamel(s) (paint, Glidden)
Concrete Floor Cleaning Compound (Amway)	Urethane Floor Enamel
Aluminum Fibered Liquid	Wallboard Compound
Motor Oil (Penzoil)	Weldwood Contact Cement
Dexol Stamp Remover	Car Wax (Rally)
Glass Cleaner (Dupont)	Plastic Wood
Mac's Glass Cleaner	Glue (Elmer's)
Car Wash Concentrate (Rally)	Armorall
Nuvynl	Silicone
Value Solvent (Mopar)	Upholstery Cleaner (Turtle Wax)
Degreaser (Gunk)	Machine Oil (Singer Sewing)
Carborator Cleaner (Gum Out)	Fertilizer (Miracle Gro)
Water Putty (Durham)	Firelighter (Thermos)
Wood Treating Chemical (Sealtite 60 Chapman Chemical Company, 4 feet from sample location)	Insect Fogger (Johnson, 3 feet from sample location)
Dehumidifier (3 feet from sample Loc.)	

OTHER INFORMATION: Cement walls and floor
No floor Drain
Windows were shut during sample collection

RESIDENCE: Smiel, Peter & Maria
ADDRESS: 803 Chestnut St.
Mechanicville, NY 12118

PHONE: (518) 664-7949

PRIMARY USE OF BASEMENT: Storage

SAMPLE LOCATION: Basement center, 3.5 feet from hot water heater

CONTENTS OF BASEMENT:

25 Feet From Sample

Latex Enamel

Oil/Alkyd Enamel

Lates Wall Paint

Zar Deck Stain (Oil Base)

20 Feet From Sample

Wheelbarrow with soil

17 Feet From Sample

Adhesive (Marlite)

Enamel (Floor and Deck, Alkyd)

Wood Stain (Glidden)

Brake Cleaner (Golden Eagle)

Spray Solvo Grease (Chesterton)

Acrylic Latex Paint (Glidden)

Satin Polyurethane Coating (Zar)

Primer Sealer (Bin)

Leather Guard

Silikroil Oil & Silicone (Kano)

12 Feet From Sample

Floor Covering Adhesive

Asphalt Roof Coating (Eagle)

Roof Coating (Proseal)

OTHER INFORMATION:

Cement walls and floor

Sump located in northeast corner 30 feet from sample location

2 inch space between walls and floor

4 windows open (windows are normally open in summer)

RESIDENCE: Zecca, Joseph

ADDRESS: 321 Park Avenue
Mechanicville, NY 12118

PHONE: (518) 664-4402

PRIMARY USE OF BASEMENT: Storage

SAMPLE LOCATION: Center of basement

CONTENTS OF BASEMENT:

Heating Oil Tank (3 feet from sample)	Spread Enamel (5 1-quart cans)
Spread Enamel (3 1-gallon cans)	House Paint (2 1-gallon cans)
Wood Primer (Ethanol and Isopropanol)	Suede Waterproofing
Spray Paint	1 5-gallon pail of an unknown

OTHER INFORMATION: Cement walls and dirt floor

RESIDENCE: DiSienna, Pat

ADDRESS: 108 Second Avenue
Mechanicville, NY 12118

PHONE: (518) 664-2526

PRIMARY USE OF BASEMENT: Storage and laundry

SAMPLE LOCATION: Center of basement

CONTENTS OF BASEMENT:

2 1-Gallon Cans Primer	1 1-Gallon Can Enamel
1 1-Gallon Can Semi Gloss Enamel	2 1-Gallon Cans Exterior House & Trim Paint
1 5-Gallon Can Latex Wall Paint	1 1-Quart Motor Oil (Mobil)
Heating Oil Tank	

OTHER INFORMATION: Laundry room painted in April
Construction in progress on first floor
Basement windows closed
Basement doors open on arrival

ATTACHMENT 3

INDOOR AIR QUALITY ASSESSMENT ANALYTICAL RESULTS



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518-434-4546/434-0891 FAX

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LABORATORY REPORT

for

Environmental Products
& Services, Inc.
Port of Albany
Albany, NY 12202

Attention: Jeff Kaleta

Purchase Order #: 040606

Report date: 06/11/93
Number of samples analyzed: 16
AES Project ID: 930514 C
Invoice #: 125444

ELAP ID#: 10709

AIHA ID#: 12144-001

Page 1

Adirondack Environmental Services, Inc.



314 North Pearl Street
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CLIENT: Environmental Products

Date Sampled: 05/13/93

CLIENT'S SAMPLE ID: 101 2nd Ave/Port 1

Date sample received: 05/14/93

AES sample #: 930514 C01

Samples taken by: G.Schottenham

Location: Mechanicville

MATRIX: air

grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW		06/05/93
Toluene	DOH 311-6	17	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: 101 2nd Ave/Port 1

AES sample #: 930514 C01

Samples taken by: G.Schottenham

Date Sampled: 05/13/93
Date sample received: 05/14/93
Location: Mechanicville
grab

MATRIX: air

continued:

PARAMETER PERFORMED

METHOD

RESULT

UNITS

NOTEBOOK REF

TEST DATE

o,m,p-Xylene

DOH 311-6

<10

ug/m3

BW

06/05/93

Ethyl Benzene

DOH 311-6

<10

ug/m3

BW

06/05/93

Naphthalene

DOH 311-6

<10

ug/m3

BW

06/05/93

o,m,p-Dichlorobenzene

DOH 311-6

<10

ug/m3

BW

06/05/93



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CLIENT: Environmental Products

Date Sampled: 05/13/93

CLIENT'S SAMPLE ID: 101 2nd Ave/Port 2

Date sample received: 05/14/93

AES sample #: 930514 C02

Samples taken by: G.Schottenham

Location: Mechanicville

MATRIX: air

grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES/REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW	06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Toluene	DOH 311-6	20	ug/m3	BW	06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: 101 2nd Ave/Port 2

AES sample #: 930514 C02

Samples taken by: G.Schottenham Location: Mechanicville
MATRIX: air grab

Date Sampled: 05/13/93

Date sample received: 05/14/93

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES/REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: 101 2nd Ave/Port 3

Date Sampled: 05/13/93

Date sample received: 05/14/93

AES sample #: 930514 C03

Samples taken by: G.Schottenham Location: Mechanicville
MATRIX: air grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW	06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Toluene	DOH 311-6	15	ug/m3	BW	06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: 101 2nd Ave/Port 3

AES sample #: 930514 C03

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES/REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

Date Sampled: 05/13/93

CLIENT'S SAMPLE ID: 108 2nd Ave/Port 1

Date sample received: 05/14/93

AES sample #: 930514 C04

Samples taken by: G.Schottenham Location: Mechanicville
MATRIX: air grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	63	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW		06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: 108 2nd Ave/Port 1

AES sample #: 930514 C04

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

Date Sampled: 05/13/93

CLIENT'S SAMPLE ID: 108 2nd Ave/Port 2

Date sample received: 05/14/93

AES sample #: 930514 C05

Samples taken by: G.Schottenham Location: Mechanicville
MATRIX: air grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	77	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW		06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

Date Sampled: 05/13/93

CLIENT'S SAMPLE ID: 108 2nd Ave/Port 2

Date sample received: 05/14/93

AES sample #: 930514 C05

Samples taken by: G.Schottenham

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: 108 2nd Ave/Port 3

AES sample #: 930514 C06

Samples taken by: G.Schottenham
MATRIX: air

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	83	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW		06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: 108 2nd Ave/Port 3

AES sample #: 930514 C06

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products
CLIENT'S SAMPLE ID: Chestnut/Port 1
AES sample #: 930514 C07
Date Sampled: 05/13/93
Date sample received: 05/14/93
Samples taken by: G.Schottenham
Location: Mechanicville
MATRIX: air grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW		06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Chestnut/Port 1

AES sample #: 930514 C07

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK</u>	<u>REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW		06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW		06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW		06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Chestnut/Port 2

Date Sampled: 05/13/93

Date sample received: 05/14/93

AES sample #: 930514 C08

Samples taken by: G.Schottenham Location: Mechanicville
MATRIX: air grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW	06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW	06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Chestnut/Port 2

AES sample #: 930514 C08

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES/REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Chestnut/Port 3

AES sample #: 930514 C09

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

MATRIX: air

Location: Mechanicville
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW		06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

Date Sampled: 05/13/93

CLIENT'S SAMPLE ID: Chestnut/Port 3

Date sample received: 05/14/93

AES sample #: 930514 C09

Samples taken by: G.Schottenham Location: Mechanicville
MATRIX: air grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

Date Sampled: 05/13/93

CLIENT'S SAMPLE ID: Park Avenue/Port 1

Date sample received: 05/14/93

AES sample #: 930514 C10

Samples taken by: G.Schottenham Location: Mechanicville

MATRIX: air

grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW		06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW		06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Park Avenue/Port 1

AES sample #: 930514 C10

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville

MATRIX: air

grab

continued:

PARAMETER PERFORMED

METHOD

RESULT

UNITS

NOTEBOOK REF

TEST DATE

o,m,p-Xylene

DOH 311-6

<10

ug/m3

BW

06/05/93

Ethyl Benzene

DOH 311-6

<10

ug/m3

BW

06/05/93

Naphthalene

DOH 311-6

<10

ug/m3

BW

06/05/93

o,m,p-Dichlorobenzene

DOH 311-6

<10

ug/m3

BW

06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Park Avenue/Port 2

Date Sampled: 05/13/93

Date sample received: 05/14/93

AES sample #: 930514 C11

Samples taken by: G.Schottenham Location: Mechanicville
MATRIX: air grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES/REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW	06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW	06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Park Avenue/Port 2

AES sample #: 930514 C11

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Park Avenue/Port 3

AES sample #: 930514 C12

Samples taken by: G.Schottenham

MATRIX: air

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTE/REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Chloroform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,1-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Trichloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
Carbon Tetrachloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromodichloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2-Trichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Tetrachloroethene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Chlorotoluene	DOH 311-6	<10	ug/m3	BW	06/05/93
1,2-Dichloropropane	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1-Dichloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Dibromochloromethane	DOH 311-6	<10	ug/m3	BW	06/05/93
cis-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
trans-1,3-Dichloropropene	DOH 311-6	<10	ug/m3	BW	06/05/93
Bromoform	DOH 311-6	<10	ug/m3	BW	06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	<10	ug/m3	BW	06/05/93
Methylene Chloride	DOH 311-6	<10	ug/m3	BW	06/05/93
Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Toluene	DOH 311-6	<10	ug/m3	BW	06/05/93
Chlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Park Avenue/Port 3

AES sample #: 930514 C12

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTES/REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	<10	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	<10	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	<10	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	<10	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Lab Blank S-1

AES sample #: 930514 C13

Samples taken by: G.Schottenham

MATRIX: air

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Chloroform	DOH 311-6	ND	ug/m3	BW	06/05/93
1,1,1-Trichloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Trichloroethene	DOH 311-6	ND	ug/m3	BW	06/05/93
Carbon Tetrachloride	DOH 311-6	ND	ug/m3	BW	06/05/93
Bromodichloromethane	DOH 311-6	ND	ug/m3	BW	06/05/93
1,1,2-Trichloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Tetrachloroethene	DOH 311-6	ND	ug/m3	BW	06/05/93
o,m,p-Chlorotoluene	DOH 311-6	ND	ug/m3	BW	06/05/93
1,2-Dichloropropane	DOH 311-6	ND	ug/m3	BW	06/05/93
1,1-Dichloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Dibromochloromethane	DOH 311-6	ND	ug/m3	BW	06/05/93
cis-1,3-Dichloropropene	DOH 311-6	ND	ug/m3	BW	06/05/93
trans-1,3-Dichloropropene	DOH 311-6	ND	ug/m3	BW	06/05/93
Bromoform	DOH 311-6	ND	ug/m3	BW	06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Methylene Chloride	DOH 311-6	ND	ug/m3	BW	06/05/93
Benzene	DOH 311-6	ND	ug/m3	BW	06/05/93
Toluene	DOH 311-6	ND	ug/m3	BW	06/05/93
Chlorobenzene	DOH 311-6	ND	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Lab Blank S-1

AES sample #: 930514 C13

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

PARAMETER PERFORMED

METHOD

RESULT

UNITS

NOTEBOOK REF

TEST DATE

o,m,p-Xylene

DOH 311-6

ND

ug/m3

BW

06/05/93

Ethyl Benzene

DOH 311-6

ND

ug/m3

BW

06/05/93

Naphthalene

DOH 311-6

ND

ug/m3

BW

06/05/93

o,m,p-Dichlorobenzene

DOH 311-6

ND

ug/m3

BW

06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Lab Blank S-2

AES sample #: 930514 C14

Samples taken by: G.Schottenham

MATRIX: air

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Chloroform	DOH 311-6	ND	ug/m3	BW	06/05/93
1,1,1-Trichloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Trichloroethene	DOH 311-6	ND	ug/m3	BW	06/05/93
Carbon Tetrachloride	DOH 311-6	ND	ug/m3	BW	06/05/93
Bromodichloromethane	DOH 311-6	ND	ug/m3	BW	06/05/93
1,1,2-Trichloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Tetrachloroethene	DOH 311-6	ND	ug/m3	BW	06/05/93
o,m,p-Chlorotoluene	DOH 311-6	ND	ug/m3	BW	06/05/93
1,2-Dichloropropane	DOH 311-6	ND	ug/m3	BW	06/05/93
1,1-Dichloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Dibromochloromethane	DOH 311-6	ND	ug/m3	BW	06/05/93
cis-1,3-Dichloropropene	DOH 311-6	ND	ug/m3	BW	06/05/93
trans-1,3-Dichloropropene	DOH 311-6	ND	ug/m3	BW	06/05/93
Bromoform	DOH 311-6	ND	ug/m3	BW	06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	ND	ug/m3	BW	06/05/93
Methylene Chloride	DOH 311-6	ND	ug/m3	BW	06/05/93
Benzene	DOH 311-6	ND	ug/m3	BW	06/05/93
Toluene	DOH 311-6	ND	ug/m3	BW	06/05/93
Chlorobenzene	DOH 311-6	ND	ug/m3	BW	06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Lab Blank S-2

AES sample #: 930514 C14

Samples taken by: G. Schottenham Location: Mechanicville
MATRIX: air grab

Date Sampled: 05/13/93

Date sample received: 05/14/93

continued:

PARAMETER PERFORMED

METHOD

RESULT

UNITS

NOTEBOOK REF

TEST DATE

o,m,p-Xylene

DOH 311-6

ND

ug/m3

BW

06/05/93

Ethyl Benzene

DOH 311-6

ND

ug/m3

BW

06/05/93

Naphthalene

DOH 311-6

ND

ug/m3

BW

06/05/93

o,m,p-Dichlorobenzene

DOH 311-6

ND

ug/m3

BW

06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Field Blank S-1

AES sample #: 930514 C15

Date Sampled: 05/13/93
Date sample received: 05/14/93
Samples taken by: G.Schottenham Location: Mechanicville
MATRIX: air grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	ND	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	ND	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	ND	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	ND	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	ND	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	ND	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	ND	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	ND	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	ND	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	ND	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	ND	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	ND	ug/m3	BW		06/05/93
Benzene	DOH 311-6	ND	ug/m3	BW		06/05/93
Toluene	DOH 311-6	ND	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	ND	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Field Blank S-1

AES sample #: 930514 C15

Samples taken by: G.Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

Location: Mechanicville
grab

MATRIX: air

continued:

PARAMETER PERFORMED

METHOD

RESULT

UNITS

NOTES/REF

TEST DATE

o,m,p-Xylene

DOH 311-6

ND

ug/m3

BW

06/05/93

Ethyl Benzene

DOH 311-6

ND

ug/m3

BW

06/05/93

Naphthalene

DOH 311-6

ND

ug/m3

BW

06/05/93

o,m,p-Dichlorobenzene

DOH 311-6

ND

ug/m3

BW

06/05/93



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CLIENT: Environmental Products

CLIENT'S SAMPLE ID: Field Blank S-2

AES sample #: 930514 C16

Samples taken by: G. Schottenham

Date Sampled: 05/13/93

Date sample received: 05/14/93

MATRIX: air

Location: Mechanicville
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK</u>	<u>REF</u>	<u>TEST DATE</u>
1,2-Dichloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Chloroform	DOH 311-6	ND	ug/m3	BW		06/05/93
1,1,1-Trichloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Trichloroethene	DOH 311-6	ND	ug/m3	BW		06/05/93
Carbon Tetrachloride	DOH 311-6	ND	ug/m3	BW		06/05/93
Bromodichloromethane	DOH 311-6	ND	ug/m3	BW		06/05/93
1,1,2-Trichloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Tetrachloroethene	DOH 311-6	ND	ug/m3	BW		06/05/93
o,m,p-Chlorotoluene	DOH 311-6	ND	ug/m3	BW		06/05/93
1,2-Dichloropropane	DOH 311-6	ND	ug/m3	BW		06/05/93
1,1-Dichloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Dibromochloromethane	DOH 311-6	ND	ug/m3	BW		06/05/93
cis-1,3-Dichloropropene	DOH 311-6	ND	ug/m3	BW		06/05/93
trans-1,3-Dichloropropene	DOH 311-6	ND	ug/m3	BW		06/05/93
Bromoform	DOH 311-6	ND	ug/m3	BW		06/05/93
1,1,2,2-Tetrachloroethane	DOH 311-6	ND	ug/m3	BW		06/05/93
Methylene Chloride	DOH 311-6	ND	ug/m3	BW		06/05/93
Benzene	DOH 311-6	ND	ug/m3	BW		06/05/93
Toluene	DOH 311-6	ND	ug/m3	BW		06/05/93
Chlorobenzene	DOH 311-6	ND	ug/m3	BW		06/05/93



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CLIENT: Environmental Products

Date Sampled: 05/13/93

CLIENT'S SAMPLE ID: Field Blank S-2

Date sample received: 05/14/93

AES sample #: 930514 C16

Samples taken by: G.Schottenham

Location: Mechanicville
grab

MATRIX: air

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
o,m,p-Xylene	DOH 311-6	ND	ug/m3	BW	06/05/93
Ethyl Benzene	DOH 311-6	ND	ug/m3	BW	06/05/93
Naphthalene	DOH 311-6	ND	ug/m3	BW	06/05/93
o,m,p-Dichlorobenzene	DOH 311-6	ND	ug/m3	BW	06/05/93

APPROVED BY:

Report date: 06/11/93

Terry O. Fulk

1002



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CHAIN OF CUSTODY RECORD

CLIENT NAME

PROJECT NAME (Location)

SAMPLERS' (Names)

EP&S
NY STATE DEC REGION IV
HUDSON ST EXT.
WARRENSBURG, NY 12885

CAMAROTTA
CLEANERS
MECHANICVILLE
PO NUMBER
040606

GLEN SCHOTTENHAM
[Signature]

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A.M./P.M.	SAMPLE TYPE			NUMBER OF CONT'S	ANALYSIS REQUIRED
				MATRIX	CONT.	ORIG.		
930514 C01	101 2ND AVE PORT 1	5/13/93	A	AIR	X		1	DOH 311-6
C02	101 2ND AVE PORT 2	5/13/93	A	AIR	X		1	DOH 311-6
C03	101 2ND AVE PORT 3	5/13/93	A	AIR	X		1	DOH 311-6
C04	108 2ND AVE PORT 1	5/13/93	P	AIR	X		1	DOH 311-6
C05	108 2ND AVE PORT 2	5/13/93	P	AIR	X		1	DOH 311-6
C06	108 2ND AVE PORT 3	5/13/93	P	AIR	X		1	DOH 311-6
C07	CHESTNUT PORT 1	5/13/93	A	AIR	X		1	DOH 311-6
C08	CHESTNUT PORT 2	5/13/93	A	AIR	X		1	DOH 311-6
C09	CHESTNUT PORT 3	5/13/93	A	AIR	X		1	DOH 311-6
C10	PARK AVE PORT 1	5/13/93	P	AIR	X		1	DOH 311-6
C11	PARK AVE PORT 2	5/13/93	P	AIR	X		1	DOH 311-6
C12	PARK AVE PORT 3	5/13/93	P	AIR	X		1	DOH 311-6
C13	LAS BLANK S-1	5/13/93	P	AIR	X		1	DOH 311-6

Turnaround Time

Laboratory Approval:

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by:

Date/Time

Method of Shipment:

Send Report To: JEFF KALETA,
ADIRONDACK ENVIRONMENTAL PRODUCTS & SERVICES

Client Phone No.:

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of \$10.00 per container for disposal.

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy

Adirondack Environmental Services, Inc.



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2 of 2

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CHAIN OF CUSTODY RECORD

EP & S

[illegible]

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of \$10.00 per container for disposal.

WHITE - Lab Copy

YELLOW - Sampler Copy

PINK - Generator Copy

Adirondack Environmental Services, Inc.

REFERENCE 13

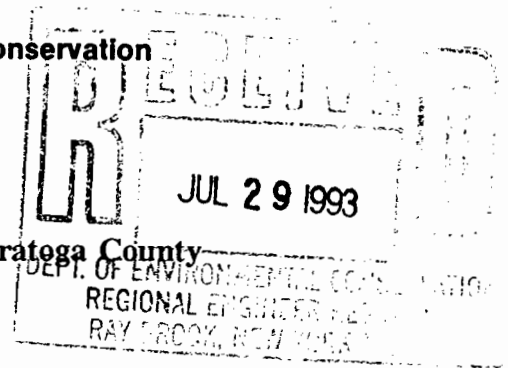


New York State Department of Environmental Conservation

MEMORANDUM

TO:
FROM:
SUBJECT:
DATE:

Rich Wagner
Bill Jesmore *BS*
Spill No. 9104582 Camarota Cleaners, ~~Schuylerville~~, Saratoga County
Mechanicville
July 28, 1993



This site has been under investigation for petroleum products. A site assessment which incorporated a soil gas survey detected petroleum constituents. Further investigation found the groundwater to be relatively free of petroleum products. However, several solvent compounds were detected. Enclosed is a copy of the most recent report.

I have been in contact with Glenn Bruso and Dan Steenberge regarding this site. I believe it is at a point where it can be turned over.

Spills will not be doing any more investigating or remedial work at this time.

WJ:lc
encl.

REFERENCE 14

New York State Department of Health
Indoor Air Quality Section
Residential Air Sampling Plan, Camarota Cleaners
Mechanicville, Saratoga County
December 20, 1994

The New York State Department of Health will be conducting an indoor air quality investigation at two homes located adjacent to the former Camarota Cleaners located at the corner of Park Avenue and Second Street, Mechanicville, Saratoga County. The purpose of the sampling is to determine if tetrachloroethene (dry cleaning solvent) released from the dry cleaning facility is affecting the indoor air of these nearby homes. In May 1993, groundwater samples collected from monitoring wells which border Camarota Cleaners were found to contain elevated levels of tetrachloroethene and several other chlorinated solvents. An elevated level of tetrachloroethene was also detected in an air sample collected from the basement of one of the homes.

At least two days prior to the air sampling, New York State Department of Health staff will conduct a pre-sampling inspection of the homes to identify potential sources of chemicals which may interfere with sampling for tetrachloroethene. The inspection will include an inventory of household products stored in the home. A copy of the residential questionnaire and inventory is attached. In addition, the occupants will be requested to refrain from doing the following in the home for at least 24 hours prior to scheduled sampling: smoking, using kerosene type space heaters or performing activities such as painting or crafts. The residents will also be asked not to bring dry cleaned clothes into their homes at least two weeks prior to sampling. A copy of the pre-sampling instructions is attached and will be provided to the occupants.

Air samples will be collected for a two-hour period from both the basement and first floor living area of each home. An outdoor sample will also be collected from the backyard of one of the homes. Samples in each location will be collected using two methods; Porapak tubes and Passive Sampling Devices. Copies of the field collection forms are attached. Porapak tubes were used in the May 1993 indoor air investigation. Passive Sampling Devices are being developed by the Department of Health laboratory as an alternative sampling method for sampling for organic compounds. All samples will be analyzed by the New York State Department of Health's laboratories in Albany. Porapak tubes will be analyzed using New York State Department of Health Method 311-6. The Passive Sampling Devices will be analyzed using an experimental method and the results will not be reported. Copies of these laboratory methods are attached. Target analytes for these methods include the chlorinated solvents which were detected in the groundwater samples collected in 1993.

Another home, located away from Camarota Cleaners (control home), will also be sampled to use as a comparison. This protocol will also be used to prepare the control home. The air samples from the two study homes will be evaluated by comparing the basement samples with the first floor samples, comparing the levels measured in the control home and comparing levels reported from other studies.

Any questions regarding the indoor air testing should be made to Michael Hughes at 458-6405. If you have questions about the monitoring wells or the status of cleanup at Camarota Cleaners call John Swartwout at the New York State Department of Environmental Conservation at 457-0639.

PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500170 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.00
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 13:00 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----
VINYL CHLORIDE-----RESULT-----
[ND]

**** END OF REPORT ****

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500170 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.00
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: FIELD BLANK, T06571
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: RNV2-BL: VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 950: CONTROL - AIR CARTRIDGE BLANK
TIME OF SAMPLING: 95/01/30 13:00 DATE PRINTED: 95/04/04

ANALYSIS: RNV2-BL VOLATILE ORGANICS IN AIR - BLANK (DR. R. NARANG)
DATE PRINTED: 95/04/04 FINAL REPORT

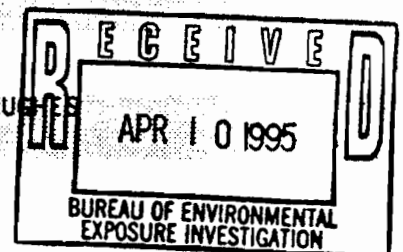
-----PARAMETER-----	-----RESULT-----
BENZENE	< 0.03 MCG
TOLUENE	< 0.03 MCG
CHLOROBENZENE	< 0.03 MCG
ETHYLBENZENE	< 0.03 MCG
M/P-XYLENE	< 0.03 MCG
O-XYLENE	< 0.03 MCG
NAPHTHALENE	< 0.03 MCG
1,1-DICHLOROETHANE	< 0.2 MCG
CHLOROFORM	< 0.005 MCG
1,2-DICHLOROETHANE	< 0.2 MCG
1,1,1-TRICHLOROETHANE	< 0.005 MCG
CARBON TETRACHLORIDE	< 0.005 MCG
TRICHLOROETHENE	< 0.005 MCG
BROMODICHLOROMETHANE	< 0.005 MCG
1,2-DICHLOROPROPANE	< 0.2 MCG
TRANS-1,3-DICHLOROPROPENE	< 0.005 MCG
1,1,2-TRICHLOROETHANE	< 0.005 MCG
DIBROMOCHLOROMETHANE	< 0.005 MCG
TETRACHLOROETHENE	< 0.005 MCG
CIS-1,3-DICHLOROPROPENE	< 0.005 MCG
BROMOFORM	< 0.005 MCG
1,1,2,2-TETRACHLOROETHANE	< 0.005 MCG
1,3-DICHLOROBENZENE	< 0.05 MCG
1,2-DICHLOROBENZENE	< 0.05 MCG
1,4-DICHLOROBENZENE	< 0.05 MCG
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.05 MCG

**** CONTINUED ON NEXT PAGE ****

COPIES SENT TO: CO(2), RO(), LPHE(), FED(), INFO-P(), INFO-L()

G. ANDERS CARLSON
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT.
NY STATE DEP'T. HEALTH
11 UNIVERSITY PLACE - RM. 205
ALBANY ***INTERAGENCY MAIL***

SUBMITTED BY: HUNTER



PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500169

SAMPLE RECEIVED: 95/01/31/

CHARGE: 8.00

POLITICAL SUBDIVISION: MECHANICVILLE C.

COUNTY: SARATOGA

LOCATION: 9104582 CAMAROTTA CLEANERS

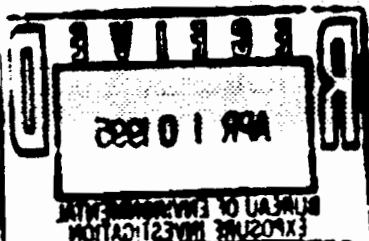
TIME OF SAMPLING: 95/01/30 13:00

DATE PRINTED: 95/04/04

*** ADDITIONAL PARAMETERS ***

-----PARAMETER-----
VINYL CHLORIDE-----RESULT-----
[ND]

*** END OF REPORT ***



PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500169 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.00
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: TRIP BLANK TO6579
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: RNV2-BL: VOLATILE ORGANICS IN AIR
SAMPLE TYPE: 950: CONTROL - AIR CARTRIDGE BLANK
TIME OF SAMPLING: 95/01/30 13:00 DATE PRINTED: 95/04/04

ANALYSIS: RNV2-BL VOLATILE ORGANICS IN AIR - BLANK (DR. R. NARANG)
DATE PRINTED: 95/04/04 FINAL REPORT

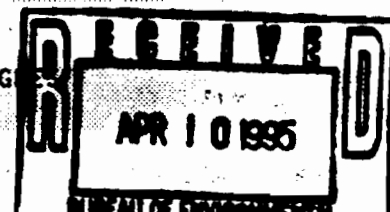
-----PARAMETER-----	-----RESULT-----
BENZENE	< 0.03 MCG
TOLUENE	< 0.03 MCG
CHLOROBENZENE	< 0.03 MCG
ETHYLBENZENE	< 0.03 MCG
M/P-XYLENE	< 0.03 MCG
O-XYLENE	< 0.03 MCG
NAPHTHALENE	< 0.03 MCG
1,1-DICHLOROETHANE	< 0.2 MCG
CHLOROFORM	< 0.005 MCG
1,2-DICHLOROETHANE	< 0.2 MCG
1,1,1-TRICHLOROETHANE	< 0.005 MCG
CARBON TETRACHLORIDE	< 0.005 MCG
TRICHLOROETHENE	< 0.005 MCG
BROMODICHLOROMETHANE	< 0.005 MCG
1,2-DICHLOROPROPANE	< 0.2 MCG
TRANS-1,3-DICHLOROPROPENE	< 0.005 MCG
1,1,2-TRICHLOROETHANE	< 0.005 MCG
DIBROMOCHLOROMETHANE	< 0.005 MCG
TETRACHLOROETHENE	< 0.005 MCG
CIS-1,3-DICHLOROPROPENE	< 0.005 MCG
BROMOFORM	< 0.005 MCG
1,1,2,2-TETRACHLOROETHANE	< 0.005 MCG
1,3-DICHLOROBENZENE	< 0.05 MCG
1,2-DICHLOROBENZENE	< 0.05 MCG
1,4-DICHLOROBENZENE	< 0.05 MCG
METHYLENE CHLORIDE (DICHLOROMETHANE)	< 0.05 MCG

**** CONTINUED ON NEXT PAGE ****

COPIES SENT TO: CO(2), RO(), LPHE(), FED(), INFO-P(), INFO-L()

G. ANDERS CARLSON
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT.
NY STATE DEPT. HEALTH
11 UNIVERSITY PLACE - RM. 205
ALBANY ***INTERAGENCY MAIL***

SUBMITTED BY: HUGO



PAGE 2

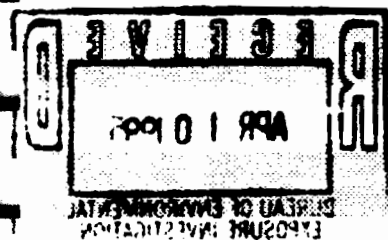
RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500195 SAMPLE RECEIVED: 95/01/31/ CHARGE: 7.25
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 13:00 DATE PRINTED: 95/04/04

*** ADDITIONAL PARAMETERS ***

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
*** END OF REPORT ***	



PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500195 SAMPLE RECEIVED: 95/01/31/ CHARGE: 7.25
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: BLANK
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2BL: VOLATILES IN AIR-ORGANIC VAPOR MONITORING BADGE-BLANK
SAMPLE TYPE: 950: CONTROL - AIR CARTRIDGE BLANK
TIME OF SAMPLING: 95/01/30 13:00 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2BL ORGANIC VAPOR MONITORING BADGE - BLANK
DATE PRINTED: 95/04/04 FINAL REPORT

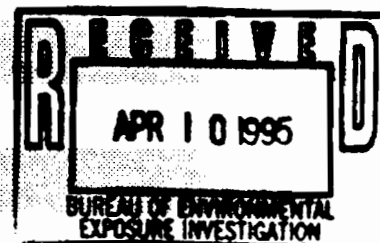
-----PARAMETER-----	-----RESULT-----
BENZENE	2.75 MCG
TOLUENE	0.7 MCG
CHLOROBENZENE	[ND]
ETHYLBENZENE	[ND]
M/P-XYLENE	[ND]
O-XYLENE	[ND]
NAPHTHALENE	[ND]
1,1-DICHLOROETHANE	[ND]
CHLOROFORM	[ND]
1,2-DICHLOROETHANE	[ND]
1,1,1-TRICHLOROETHANE	0.15 MCG
CARBON TETRACHLORIDE	0.016 MCG
TRICHLOROETHENE	0.03 MCG
BROMODICHLOROMETHANE	[ND]
1,2-DICHLOROPROPANE	[ND]
TRANS-1,3-DICHLOROPROPENE	[ND]
1,1,2-TRICHLOROETHANE	[ND]
DIBROMOCHLOROMETHANE	[ND]
TETRACHLOROETHENE	0.055 MCG
CIS-1,3-DICHLOROPROPENE	[ND]
BROMOFORM	[ND]
1,1,2,2-TETRACHLOROETHANE	[ND]
1,3-DICHLOROBENZENE	[ND]
1,2-DICHLOROBENZENE	[ND]
1,4-DICHLOROBENZENE	[ND]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[ND]
ELAPSED TIME	NONE

**** CONTINUED ON NEXT PAGE ****

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WADSWORTH CENTER

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RESULTS OF EXAMINATION

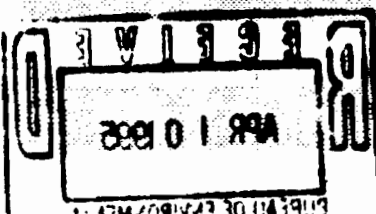
FINAL REPORT

SAMPLE ID: 9500181 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:15 TO 95/01/30 14:15 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]

**** END OF REPORT ****



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500181 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, BSMT, CONTROL HOME
DESCRIPTION: VFO1810C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 10:15 TO 95/01/30 14:15 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

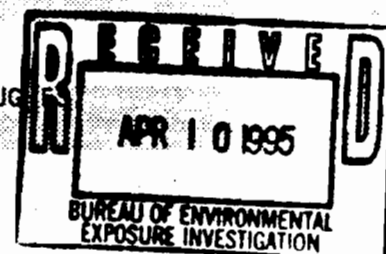
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	125. MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500180 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:15 TO 95/01/30 14:15 DATE PRINTED: 95/04/04

*** ADDITIONAL PARAMETERS ***

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]

*** END OF REPORT ***

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500180 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, BSMT, CONTROL HOME
DESCRIPTION: VFO1825C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 10:15 TO 95/01/30 14:15 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

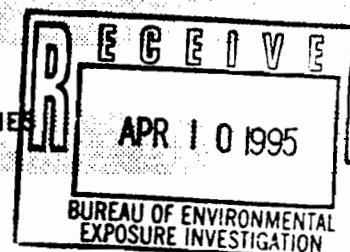
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	135. MCG/CU.M.
METHYLENE CHLORIDE--(DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

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SAMPLE ID: 9500179 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:05 TO 95/01/30 14:05 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
**** END OF REPORT ****	

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500179 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, DINING RM - CONTROL HOME
DESCRIPTION: VFO1821C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 10:05 TO 95/01/30 14:05 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

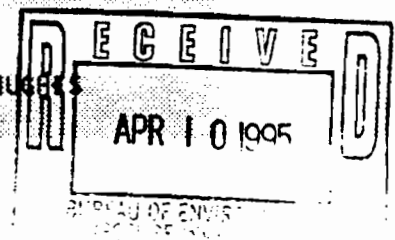
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	445. MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500178 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:05 TO 95/01/30 14:05 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
**** END OF REPORT ****	

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500178 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, DINING RM - CONTROL HOME
DESCRIPTION: VFO1905C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 10:05 TO 95/01/30 14:05 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

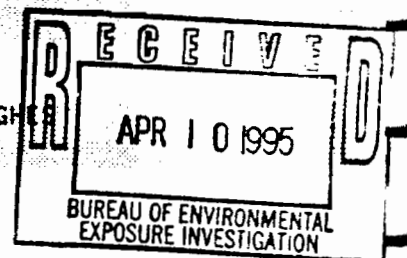
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	442. MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

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SAMPLE ID: 9500177 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:05 TO 95/01/30 14:05 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
**** END OF REPORT ****	

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500177 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, DINING RM - CONTROL HOME
DESCRIPTION: VF01808C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 10:05 TO 95/01/30 14:05 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

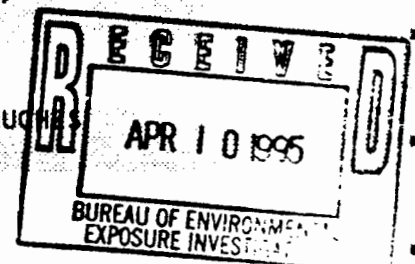
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	470. MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500165 SAMPLE RECEIVED: 95/01/31/ CHARGE: 9.00
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:25 TO 95/01/30 14:25 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

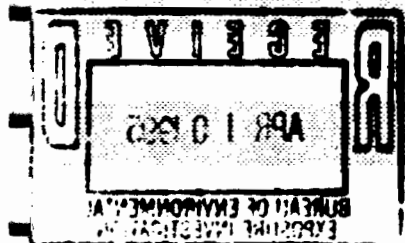
-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

**** END OF REPORT ****



PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500165 SAMPLE RECEIVED: 95/01/31/ CHARGE: 9.00
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, OUTDOOR, T06580, T06581 - CONTROL
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: RNV2: VOLATILE ORGANICS IN AIR - DR. R. NARANG
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 95/01/30 10:25 TO 95/01/30 14:25 DATE PRINTED: 95/04/04

ANALYSIS: RNV2 VOLATILES IN AIR (DR. R. NARANG METHOD)
DATE PRINTED: 95/04/04 FINAL REPORT

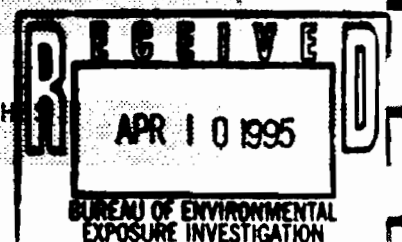
-----PARAMETER-----	-----RESULT-----
BENZENE	8.0 MCG/CU.M.
TOLUENE	4.0 MCG/CU.M.
CHLOROBENZENE	< 2.0 MCG/CU.M.
ETHYLBENZENE	2.0 MCG/CU.M.
M/P-XYLENE	3.0 MCG/CU.M.
O-XYLENE	< 2.0 MCG/CU.M.
NAPHTHALENE	< 2.0 MCG/CU.M.
1,1-DICHLOROETHANE	< 25. MCG/CU.M.
CHLOROFORM	< 1.0 MCG/CU.M.
1,2-DICHLOROETHANE	< 25. MCG/CU.M.
1,1,1-TRICHLOROETHANE	1.4 MCG/CU.M.
CARBON TETRACHLORIDE	1.0 MCG/CU.M.
TRICHLOROETHENE	< 0.5 MCG/CU.M.
BROMODICHLOROMETHANE	< 0.5 MCG/CU.M.
1,2-DICHLOROPROPANE	< 25. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 5.0 MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 1.0 MCG/CU.M.
DIBROMOCHLOROMETHANE	< 0.5 MCG/CU.M.
TETRACHLOROETHENE	0.5 MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 5.0 MCG/CU.M.
BROMOFORM	< 1.0 MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 1.0 MCG/CU.M.
1,3-DICHLOROBENZENE	< 2.0 MCG/CU.M.
1,2-DICHLOROBENZENE	< 2.0 MCG/CU.M.
1,4-DICHLOROBENZENE	< 2.0 MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	3.0 MCG/CU.M. [PL]
AIR VOLUME	0.030 CU.M.

**** CONTINUED ON NEXT PAGE ****

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PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500163 SAMPLE RECEIVED: 95/01/31/ CHARGE: 9.00
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, BSMT, T06574, T06575 - CONTROL
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: RNV2: VOLATILE ORGANICS IN AIR - DR. R. NARANG
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 10:15 TO 95/01/30 14:15 DATE PRINTED: 95/04/04

ANALYSIS: RNV2 VOLATILES IN AIR (DR. R. NARANG METHOD)
DATE PRINTED: 95/04/04 FINAL REPORT

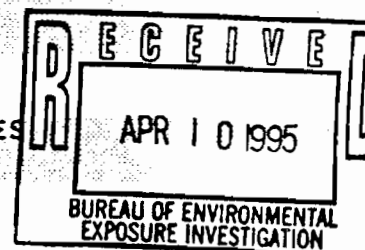
-----PARAMETER-----	-----RESULT-----
BENZENE	13. MCG/CU.M.
TOLUENE	10. MCG/CU.M.
CHLOROBENZENE	< 2.0 MCG/CU.M.
ETHYLBENZENE	3.0 MCG/CU.M.
M/P-XYLENE	6.0 MCG/CU.M.
O-XYLENE	< 2.0 MCG/CU.M.
NAPHTHALENE	< 2.0 MCG/CU.M.
1,1-DICHLOROETHANE	< 25. MCG/CU.M.
CHLOROFORM	< 1.0 MCG/CU.M.
1,2-DICHLOROETHANE	< 25. MCG/CU.M.
1,1,1-TRICHLOROETHANE	1.6 MCG/CU.M.
CARBON TETRACHLORIDE	0.9 MCG/CU.M.
TRICHLOROETHENE	< 0.5 MCG/CU.M.
BROMODICHLOROMETHANE	< 0.5 MCG/CU.M.
1,2-DICHLOROPROPANE	< 25. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 5.0 MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 1.0 MCG/CU.M.
DIBROMOCHLOROMETHANE	< 0.5 MCG/CU.M.
TETRACHLOROETHENE	1.0 MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 5.0 MCG/CU.M.
BROMOFORM	< 1.0 MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 1.0 MCG/CU.M.
1,3-DICHLOROBENZENE	< 2.0 MCG/CU.M.
1,2-DICHLOROBENZENE	< 2.0 MCG/CU.M.
1,4-DICHLOROBENZENE	185. MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	36. MCG/CU.M.
AIR VOLUME	0.030 CU.M.

**** CONTINUED ON NEXT PAGE ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500163 SAMPLE RECEIVED: 95/01/31/ CHARGE: 9.00
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:15 TO 95/01/30 14:15 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]

**** END OF REPORT ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500166 SAMPLE RECEIVED: 95/01/31/ CHARGE: 9.00
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, DINING RM, T06586, T06587-CONTROL
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: RNV2: VOLATILE ORGANICS IN AIR - DR. R. NARANG
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 95/01/30 10:05 TO 95/01/30 14:05 DATE PRINTED: 95/04/04

ANALYSIS: RNV2 VOLATILES IN AIR (DR. R. NARANG METHOD)
DATE PRINTED: 95/04/04 FINAL REPORT

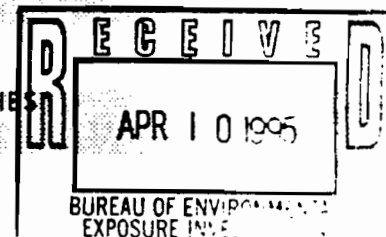
-----PARAMETER-----	-----RESULT-----
BENZENE	18. MCG/CU.M.
TOLUENE	20. MCG/CU.M.
CHLOROBENZENE	< 2.0 MCG/CU.M.
ETHYLBENZENE	4.0 MCG/CU.M.
M/P-XYLENE	10. MCG/CU.M.
O-XYLENE	2.0 MCG/CU.M.
NAPHTHALENE	< 2.0 MCG/CU.M.
1,1-DICHLOROETHANE	< 25. MCG/CU.M.
CHLOROFORM	< 1.0 MCG/CU.M.
1,2-DICHLOROETHANE	< 25. MCG/CU.M.
1,1,1-TRICHLOROETHANE	3.5 MCG/CU.M.
CARBON TETRACHLORIDE	0.9 MCG/CU.M.
TRICHLOROETHENE	< 0.5 MCG/CU.M.
BROMODICHLOROMETHANE	< 0.5 MCG/CU.M.
1,2-DICHLOROPROPANE	< 25. MCG/CU.M.
TRANS-1,3-DICHLOROPROPENE	< 5.0 MCG/CU.M.
1,1,2-TRICHLOROETHANE	< 1.0 MCG/CU.M.
DIBROMOCHLOROMETHANE	< 0.5 MCG/CU.M.
TETRACHLOROETHENE	1.5 MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	< 5.0 MCG/CU.M.
BROMOFORM	< 1.0 MCG/CU.M.
1,1,2,2-TETRACHLOROETHANE	< 1.0 MCG/CU.M.
1,3-DICHLOROBENZENE	< 2.0 MCG/CU.M.
1,2-DICHLOROBENZENE	< 2.0 MCG/CU.M.
1,4-DICHLOROBENZENE	425. MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	76. MCG/CU.M.
AIR VOLUME	0.028 CU.M.

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RESULTS OF EXAMINATION

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SAMPLE ID: 9500166 SAMPLE RECEIVED: 95/01/31/ CHARGE: 9.00
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:05 TO 95/01/30 14:05 DATE PRINTED: 95/04/04

*** ADDITIONAL PARAMETERS ***

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[NO]
**** END OF REPORT ****	

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500185 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, OUTDOOR - CONTROL HOME
DESCRIPTION: VF01819C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 95/01/30 10:25 TO 95/01/30 14:25 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

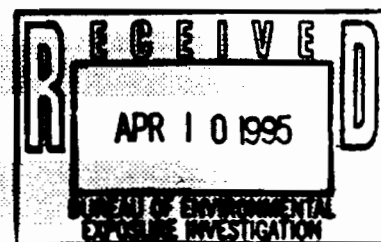
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

**** CONTINUED ON NEXT PAGE ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500185 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:25 TO 95/01/30 14:25 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

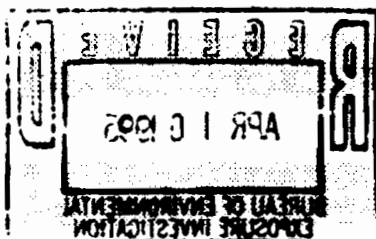
-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

**** END OF REPORT ****



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500184 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, OUTDOOR - CONTROL HOME
DESCRIPTION: VFO1813C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 95/01/30 10:25 TO 95/01/30 14:25 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

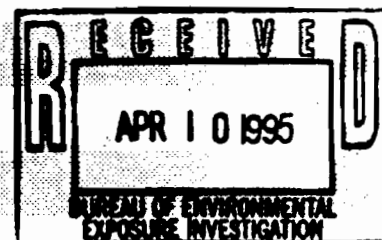
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE-(DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500184 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:25 TO 95/01/30 14:25 DATE PRINTED: 95/04/04

*** ADDITIONAL PARAMETERS ***

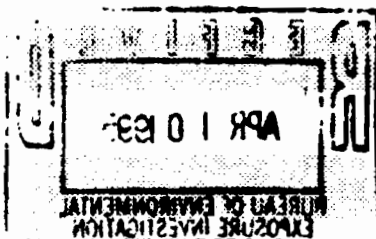
-----PARAMETER-----

VINYL CHLORIDE

-----RESULT-----

[ND]

**** END OF REPORT ****



PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500183 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, OUTDOOR - CONTROL HOME
DESCRIPTION: VF01799C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 95/01/30 10:25 TO 95/01/30 14:25 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

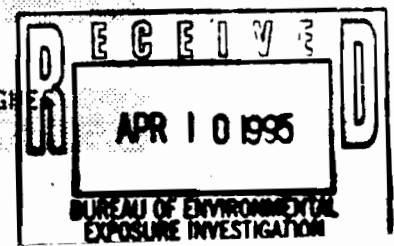
PARAMETER	RESULT
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE-(DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500183 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:25 TO 95/01/30 14:25 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
**** END OF REPORT ****	

APR 10 1995

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PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500182 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: GRIFFITHS, 515 BROADWAY, BSMT, CONTROL HOME
DESCRIPTION: VF01822C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 10:15 TO 95/01/30 14:15 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

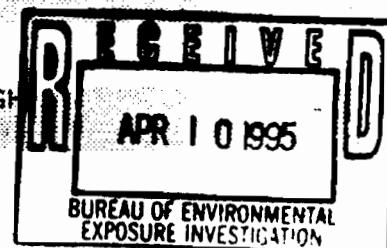
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	130. MCG/CU.M.
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

**** CONTINUED ON NEXT PAGE ****

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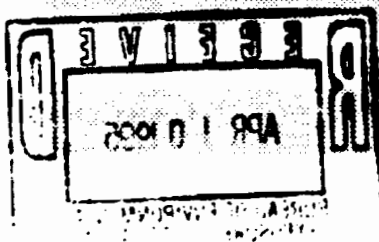
RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500182 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 10:15 TO 95/01/30 14:15 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
**** END OF REPORT ****	



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500194 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV. KITCHEN
DESCRIPTION: VFO2884C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:05 TO 95/01/30 13:05 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

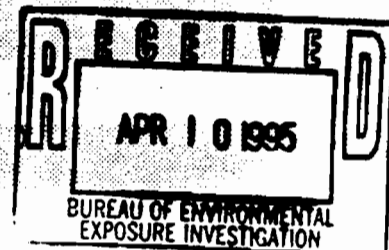
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

**** CONTINUED ON NEXT PAGE ****

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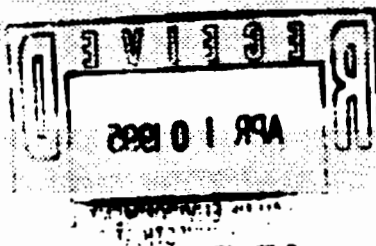
RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500194 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:05 TO 95/01/30 13:05 DATE PRINTED: 95/04/04

*** ADDITIONAL PARAMETERS ***

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
*** END OF REPORT ***	



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500193 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV. KITCHEN
DESCRIPTION: VFO2987C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:05 TO 95/01/30 13:05 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

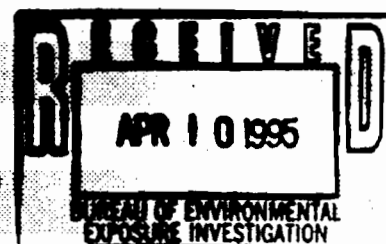
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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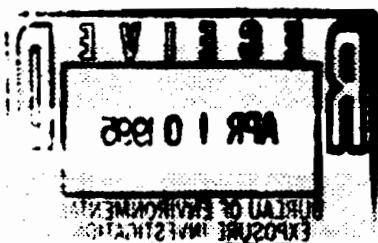
RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500193 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:05 TO 95/01/30 13:05 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
**** END OF REPORT ****	



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500192 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV. KITCHEN
DESCRIPTION: VFO2931C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:05 TO 95/01/30 13:05 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

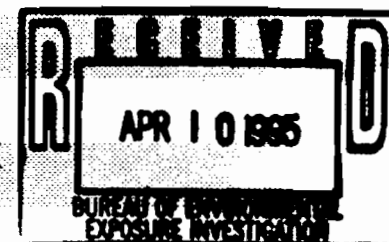
PARAMETER	RESULT
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

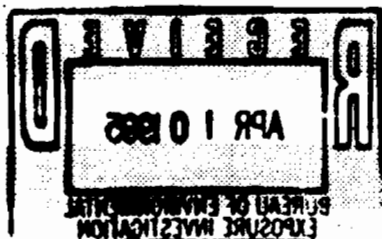
FINAL REPORT

SAMPLE ID: 9500192 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:05 TO 95/01/30 13:05 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]

**** END OF REPORT ****



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500191 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV., BSMT
DESCRIPTION: VF02812C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:17 TO 95/01/30 13:17 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

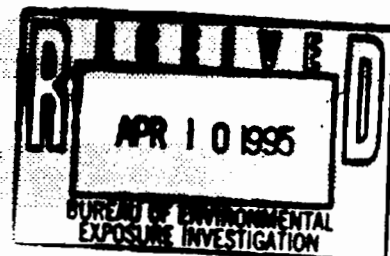
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500191 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:17 TO 95/01/30 13:17 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

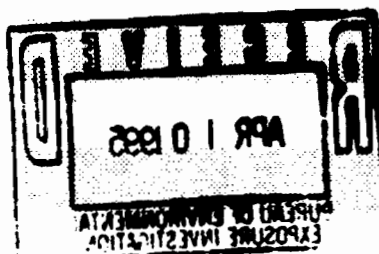
-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

**** END OF REPORT ****



PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500190 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV., BSMT
DESCRIPTION: VFO2968C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:17 TO 95/01/30 13:17 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

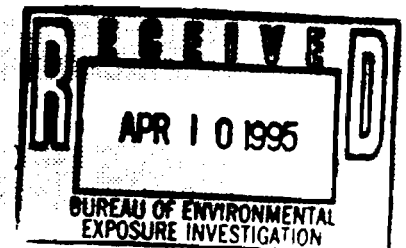
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE-(DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500190 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:17 TO 95/01/30 13:17 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

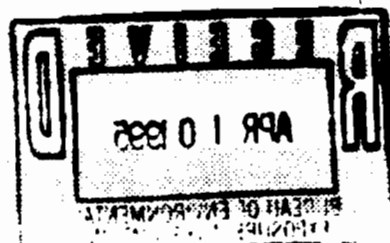
-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

**** END OF REPORT ****



PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500189 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV., BSMT
DESCRIPTION: VFO2963C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:17 TO 95/01/30 13:17 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

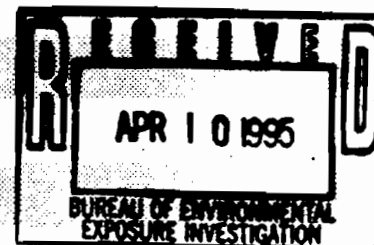
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE--(DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

**** CONTINUED ON NEXT PAGE ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500189 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:17 TO 95/01/30 13:17 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

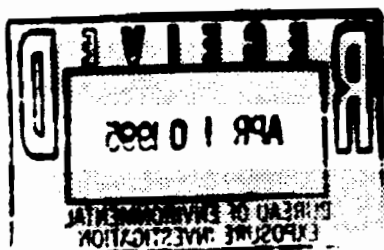
-----PARAMETER-----

VINYL CHLORIDE

-----RESULT-----

[ND]

**** END OF REPORT ****



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500188 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV., OUTDOOR
DESCRIPTION: VFO2870C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 95/01/30 09:25 TO 95/01/30 13:25 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

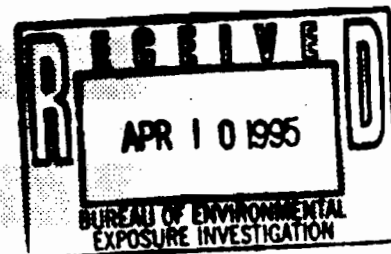
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE--(DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

**** CONTINUED ON NEXT PAGE ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500188 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:25 TO 95/01/30 13:25 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

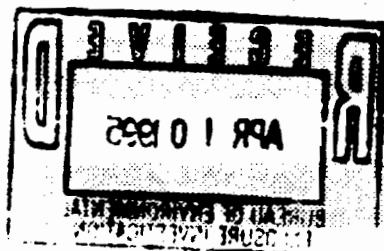
-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

**** END OF REPORT ****



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500187 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV., OUTDOOR
DESCRIPTION: VFO2893C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 95/01/30 09:25 TO 95/01/30 13:25 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

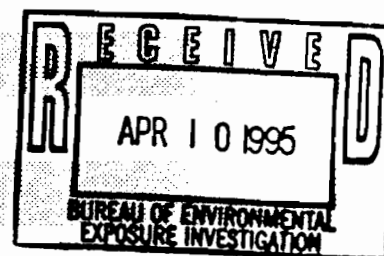
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE-(DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

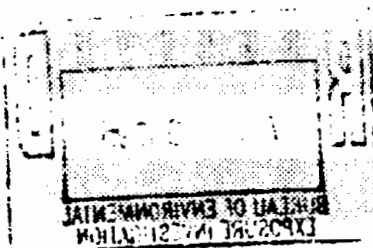
FINAL REPORT

SAMPLE ID: 9500187 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:25 TO 95/01/30 13:25 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]

**** END OF REPORT ****



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500186 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: ZECCA, 321 PARK AV., OUTDOOR
DESCRIPTION: VFO3016C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 909: AMBIENT AIR - OUTDOOR
TIME OF SAMPLING: 95/01/30 09:25 TO 95/01/30 13:25 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

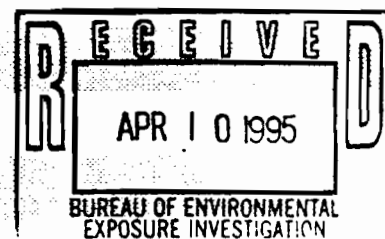
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	< 1. MCG/CU.M.
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500186 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:25 TO 95/01/30 13:25 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

**** END OF REPORT ****

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500173 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: DELOLLORES, 108 SECOND ST., KITCHEN
DESCRIPTION: VF01815C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:35 TO 95/01/30 13:35 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

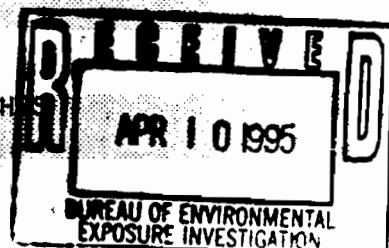
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	1. MCG/CU.M. [PL]
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	1.5 MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	< 1. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500173 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:35 TO 95/01/30 13:35 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

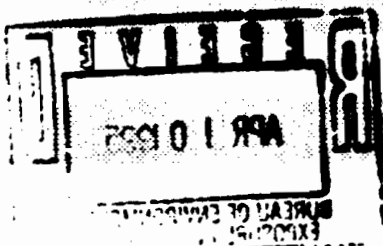
-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

**** END OF REPORT ****



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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500172 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: DELOLLORES, 108 SECOND ST., KITCHEN
DESCRIPTION: VF01829C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:35 TO 95/01/30 13:35 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

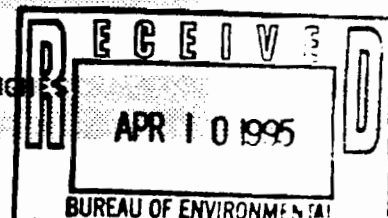
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	1. MCG/CU.M. [PL]
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	1.5 MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	1. MCG/CU.M. [PL]
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500172 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:35 TO 95/01/30 13:35 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

**** END OF REPORT ****

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500171 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: DELOLLORES, 108 SECOND ST., KITCHEN
DESCRIPTION: VF01784C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:35 TO 95/01/30 13:35 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

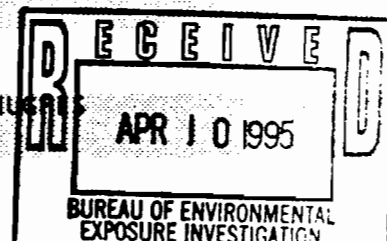
PARAMETER	RESULT
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	5. MCG/CU.M. [PL]
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	1. MCG/CU.M. [PL]
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	1.5 MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	1. MCG/CU.M. [PL]
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500171 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:35 TO 95/01/30 13:35 DATE PRINTED: 95/04/04

*** ADDITIONAL PARAMETERS ***

-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

*** END OF REPORT ***

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500176 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: DELOLO RES., BASEMENT, 108 SECOND ST.
DESCRIPTION: VFO1844C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:45 TO 95/01/30 13:45 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

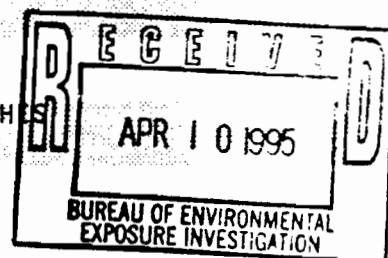
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	1. MCG/CU.M. [PL]
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	76. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

**** CONTINUED ON NEXT PAGE ****

COPIES SENT TO: CO(2), RO(), LPHE(), FED(), INFO-P(), INFO-L()

G. ANDERS CARLSON
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT.
NY STATE DEP'T. HEALTH
11 UNIVERSITY PLACE - RM. 205
ALBANY ***INTERAGENCY MAIL***

SUBMITTED BY: HUGHES



PAGE 2

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500176 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:45 TO 95/01/30 13:45 DATE PRINTED: 95/04/04

*** ADDITIONAL PARAMETERS ***

-----PARAMETER-----

-----RESULT-----

VINYL CHLORIDE

[ND]

*** END OF REPORT ***

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500175 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: DELOLO RES., BASEMENT, 108 SECOND ST.
DESCRIPTION: VFO1786C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:45 TO 95/01/30 13:45 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04 FINAL REPORT

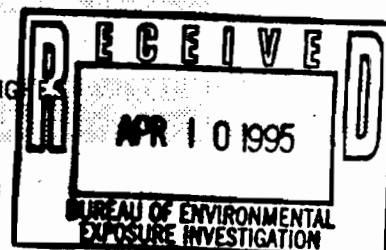
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	1. MCG/CU.M. [PL]
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	73. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

**** CONTINUED ON NEXT PAGE ****

COPIES SENT TO: CO(2), RO(), LPHE(), FED(), INFO-P(), INFO-L()

G. ANDERS CARLSON
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT.
NY STATE DEP'T. HEALTH
11 UNIVERSITY PLACE - RM. 205
ALBANY ***INTERAGENCY MAIL***

SUBMITTED BY: HUG



PAGE 2

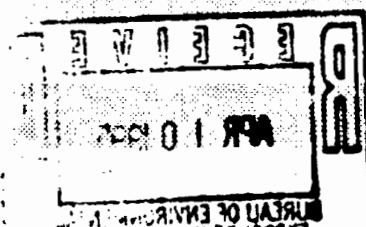
RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500175 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:45 TO 95/01/30 13:45 DATE PRINTED: 95/04/04

**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
**** END OF REPORT ****	



PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500174 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: 9104582 CAMAROTTA CLEANERS
DESCRIPTION: DELOLO RES., BASEMENT, 108 SECOND ST.
DESCRIPTION: VF01747C
REPORTING LAB: DEDP: DIV. ENVIRONMENTAL DISEASE PREVENTION - ACCESSION LAB
TEST PATTERN: BADGE-2: VOLATILES IN AIR - ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 95/01/30 09:45 TO 95/01/30 13:45 DATE PRINTED: 95/04/04

ANALYSIS: BADGE-2 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 95/04/04

FINAL REPORT

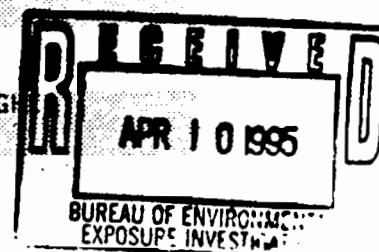
-----PARAMETER-----	-----RESULT-----
BENZENE	< 5. MCG/CU.M.
TOLUENE	< 5. MCG/CU.M.
CHLOROBENZENE	< 5. MCG/CU.M.
ETHYLBENZENE	< 5. MCG/CU.M.
M/P-XYLENE	< 5. MCG/CU.M.
O-XYLENE	< 5. MCG/CU.M.
NAPHTHALENE	< 5. MCG/CU.M.
1,1-DICHLOROETHANE	[NA]
CHLOROFORM	1. MCG/CU.M. [PL]
1,2-DICHLOROETHANE	[NA]
1,1,1-TRICHLOROETHANE	< 1. MCG/CU.M.
CARBON TETRACHLORIDE	< 1. MCG/CU.M.
TRICHLOROETHENE	< 1. MCG/CU.M.
BROMODICHLOROMETHANE	[NA]
1,2-DICHLOROPROPANE	[NA]
TRANS-1,3-DICHLOROPROPENE	[NA]
1,1,2-TRICHLOROETHANE	< 1. MCG/CU.M.
DIBROMOCHLOROMETHANE	[NA]
TETRACHLOROETHENE	74. MCG/CU.M.
CIS-1,3-DICHLOROPROPENE	[NA]
BROMOFORM	[NA]
1,1,2,2-TETRACHLOROETHANE	[NA]
1,3-DICHLOROBENZENE	[NA]
1,2-DICHLOROBENZENE	[NA]
1,4-DICHLOROBENZENE	[NA]
METHYLENE CHLORIDE (DICHLOROMETHANE)	[NA]
ELAPSED TIME	240 MINUTES

**** CONTINUED ON NEXT PAGE ****

COPIES SENT TO: CO(2), RO(), LPHE(), FED(), INFO-P(), INFO-L()

G. ANDERS CARLSON
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT.
NY STATE DEP'T. HEALTH
11 UNIVERSITY PLACE - RM. 205
ALBANY ***INTERAGENCY MAIL***

SUBMITTED BY: HUGH



PAGE 2

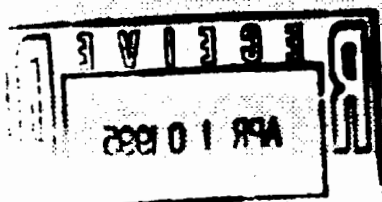
RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9500174 SAMPLE RECEIVED: 95/01/31/ CHARGE: 8.50
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LOCATION: 9104582 CAMAROTTA CLEANERS
TIME OF SAMPLING: 95/01/30 09:45 TO 95/01/30 13:45 DATE PRINTED: 95/04/04

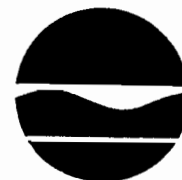
**** ADDITIONAL PARAMETERS ****

-----PARAMETER-----	-----RESULT-----
VINYL CHLORIDE	[ND]
***** END OF REPORT *****	



REFERENCE 15

New York State Department of Environmental Conservation
Environmental Quality - Region 5
PO Box 296, Route 86
Ray Brook, NY 12977-0296



(518) 897-1242
(518) 897-1245 FAX

Michael D. Zagata
Commissioner

April 30, 1996

Ms. Claudine Jones Rafferty
Bureau of Environmental Exposure Investigation
NYS Department of Health
2 University Place
Albany, NY 12203-3399

Re: Camarota Cleaners
Mechanicville (C), Saratoga (Co.)

Dear Ms. Rafferty:

I recently drafted a letter for DEC Region 5 Director, Stuart Buchanan, regarding the Camarota Cleaners property in Mechanicville (copy attached). This letter left unresolved our future course of action for this site. The purpose of this letter is to initiate discussion between DEC and DOH to determine if additional investigation is warranted at this site by the Division of Hazardous Waste Remediation.

I mentioned during our telephone conversation that the documentation in my file does not indicate that a significant threat to the public health or the environment exists. Specifically the quantity of waste appears small, groundwater and soil are contaminated but lack routes of exposure, the vadose zone is contaminated but not creating a problem in indoor air and there is no apparent unidentified contaminant source area. Based on this information my initial drafts of the letter for the Regional Director said, in essence, that further investigation of the site was not needed. However, the DOH review of these drafts indicate that DOH feels that further investigation is warranted.

First, I do not see why further investigation should be considered. Second, even if needed, could this site ever become an inactive hazardous waste disposal site per 6 NYCRR 375? My second question is of importance since a determination by DOH that further investigation of the site is needed does not conversely mean that Camarota Cleaners is an inactive hazardous waste disposal site worthy of the official attention of DEC.

Your thoughts regarding the above would be appreciated.

Sincerely,

Daniel L. Steenberge, P.E.
Regional Remediation Engineer

DLS:slg

cc: G. Litwin E. Barcomb

REFERENCE 16

New York State Department of Environmental Conservation

Environmental Quality - Region 5
Route 86 - PO Box 296
Ray Brook, NY 12977-0296

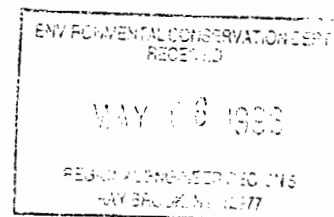


(518) 897-1241
(518) 897-1245 (Fax)

Michael D. Zagata
Commissioner

April 30, 1996

Mr. John J. Phelan
Commissioner of Public Safety
36 North Main Street
Mechanicville, NY 12118



Dear Mr. Phelan:

Commissioner Zagata has asked that I respond to your letter of April 3, 1996 regarding the Camarota Cleaners property located in the City of Mechanicville. The Department of Environmental Conservation responded to an alleged spill at the Camarota Cleaners property in July of 1991. Several investigations were conducted from 1991 through 1993 to determine the nature and extent of environmental contamination. The investigations found groundwater and soil to be contaminated with Tetrachloroethylene, also known as perchloroethylene or PCE; a common dry-cleaning fluid. In addition, a soil gas survey was conducted on the Camarota Cleaners property and the air in neighboring homes was also evaluated. These investigations also found Tetrachloroethylene to be present.

The Department of Environmental Conservation determined that the site did not at that time present a significant threat to the environment. The basis for this determination was 1) the soil and groundwater contamination were at relatively low levels, 2) there was no exposure or potential for exposure to the soil or groundwater, and 3) the question would be revisited in the future.

The Department of Environmental Conservation is presently reviewing its documentation record and discussing the matter with the New York State Department of Health. The review will determine if additional investigation is warranted to confirm that there is no potential for a significant threat to public health or the environment to occur at some future date.

I have asked Daniel Steenberge, Regional Remediation Engineer, to keep you updated on this matter. Dan can be contacted at (518) 897-1242 or by mail at the Ray Brook office. If you have any health related questions, please contact Ms. Claudine Jones Rafferty of the New York State Department of Health at (518) 458-6306.

Sincerely,

Stuart A. Buchanan
Regional Director - Region 5

SAB:DLS:krs
cc: D. Steenberge ✓

REFERENCE 17



STATE OF NEW YORK DEPARTMENT OF HEALTH

Office of Public Health

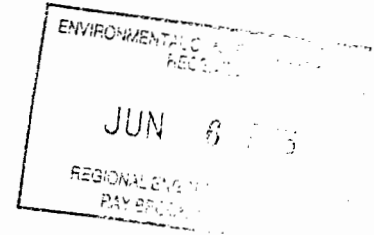
11 University Place

Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

Karen Schimke
Executive Deputy Commissioner

June 4, 1996



Mr. Daniel L. Steenberge, P.E.
Regional Remediation Engineer
NYS Dept. of Environmental Conservation
Region 5
P.O. Box 296, Route 86
Ray Brook, NY 12977-0296

RE: Camarota Cleaners
Mechanicville (C), Saratoga County
Site #546828N

Dear Mr. Steenberge:

I am responding to your letter of April 30, 1996, regarding the Camarota Cleaners site in Mechanicville, Saratoga County. In your letter, you expressed concern about the NYSDOH's position regarding the need for possible further investigation of the site.

In November 1993, the Region 5 NYSDEC developed a site registry classification package for the Camarota Cleaners site which proposed listing the site as a Class 2. The NYSDOH concurred with this proposed classification in a letter dated January 4, 1993.

Available sampling data confirm the presence of tetrachloroethene (PCE) in on-site groundwater, soil and soil gas. Sampling of on-site groundwater in July 1992 showed PCE levels up to 1,100 micrograms per liter (mcg/l). On-site groundwater was also sampled in May of 1993. At that time, PCE concentrations in groundwater were found up to 590 mcg/l. These groundwater sampling data also show the presence of PCE breakdown products, including trichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene and vinyl chloride. To the best of my knowledge, no additional groundwater sampling has been completed to evaluate current groundwater contaminant levels.

In January 1995, the NYSDOH identified the presence of low levels of PCE in indoor air at two homes near the Camarota Cleaners site. At one of these homes, (108 Second Avenue), elevated levels of PCE [81 micrograms per cubic meter of air (mcg/m³)] were found in indoor air samples collected from the basement. The occurrence of PCE in air at these homes is likely associated with PCE groundwater contamination at the Camarota Cleaners site.

The presence of underground public utilities including individual connections may serve as preferential pathways for subsurface off-site migration of contaminants into nearby homes.

Based on a review of available information about contamination at and near this site as well as observations about existing site conditions and surrounding land use, I feel that further investigation of the site is warranted. Specifically, the following issues need to be resolved:

1. Have groundwater contaminant levels at the site increased, decreased or remained the same since the last sampling?
2. How far does groundwater contamination extend off-site?
3. Are existing public utilities serving as preferential pathways for subsurface off-site migration of contaminants in soil gas?
4. Has the on-site building been inspected to evaluate if there is a continuing contaminant source at the site?
5. Is indoor air at nearby residential properties continuing to be impacted by tetrachloroethene?

I hope that this letter clarifies our Departments concerns about the need for further investigation at the Camarota Cleaners site. If you need to contact me, I can be reached at 458-6306.

Sincerely,



Claudine Jones Rafferty
Public Health Specialist II (Environment)
Bureau of Environmental Exposure
Investigation

jlh/96129PRO0433

cc: Dr. A. Carlson
Mr. G. Litwin/FILE
Ms. B. Metzger - Local Health Services
Mr. R. Marino - DEC - Central Office
Mr. J. Phelan, City of Mechanicville

REFERENCE 18

Rowan Environmental Services, Inc.

Martin Rowan
6 Gladwish Road
Delmar, NY 12054
USA

Phone (518) 478-9273
Fax (518) 478-9273

NYS DEC
RECEIVED

NOV 17 1998

November 5, 1998

SPILL RESPONSE UNIT
REGION 5 - SARATOGA

Mechanicville City Council
36 North Main St.
Mechanicville, NY 12118
Attention: Mr. John Enzien

Re.: Camoratta Cleaners
Mechanicville, NY

Dear Sirs:

The groundwater sampling at the above referenced property was completed on 9-25-98. Three groundwater samples were collected from existing monitoring wells (MW 1, 2, 3). Samples were not collected from MW 4 or 5, because the wells were plugged and didn't allow for sampling. It is believed, based on surface topography, that groundwater flow at the site is to the east. Sampling results show levels of dry cleaner type contamination in groundwater collected at MW 1 and 3. As the chlorinated compounds found tend to sink in groundwater, it's not known if greater contamination is found at depth. Also, it's not known if a residual source area is present. Further site investigation work would be necessary in order to better determine site subsurface conditions.

Should you require any additional information or the services of Rowan Environmental, call me at my Delmar, NY, office.

Sincerely,

Martin Rowan

Martin Rowan
President

cc: Mr. Anthony Karwiel - NYSDEC Region 5

SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918035

Task #: 980928a

Sample No: 980928a 01

Date Received: 09/28/98

Collection Method: GRAB

Matrix: WATER

SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

ROWAN ENVIRONMENTAL SVC. INC.

6 GLADWISH ROAD

DELMAR

NY 12054

Attention: MR. MARTY ROWAN

Purchase Order Number:

Date Sampled: 09/25/98 Time: 16:20

Sampled By: ROWAN

Sample Id: MW-1 WP-2

Location: CAMAROTH CLEANERS

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst R
DICHLORODIFLUOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
CHLOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
VINYL CHLORIDE	EPA 502.2	22	0.5	MCG/L	GC1H:150 1
BROMOMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
CHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
TRICHLOROFLUOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
1,1-DICHLOROETHENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
METHYLENE CHLORIDE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
TRANS-1,2-DICHLOROETHENE	EPA 502.2	1	0.5	MCG/L	GC1H:150 1
1,1-DICHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
2,2-DICHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
CIS-1,2-DICHLOROETHENE	EPA 502.2	48	0.5	MCG/L	GC1H:150 1
CHLOROFORM	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
BROMOCHLOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
1,1,1-TRICHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
1,1-DICHLOROPROPENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
CARBON TETRACHLORIDE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
1,2-DICHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
TRICHLOROETHENE	EPA 502.2	27	0.5	MCG/L	GC1H:150 1
1,2-DICHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
DIBROMOMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
BROMODICHLOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
CIS-1,3-DICHLOROPROPENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
TRANS-1,3-DICHLOROPROPENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
1,1,2-TRICHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
1,3-DICHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
TETRACHLOROETHENE	EPA 502.2	20	0.5	MCG/L	GC1H:150 1
DIBROMOCHLOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
1,2-DIBROMOETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
CHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
1,1,1,2-TETRACHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1
BROMOFORM	EPA 502.2	ND	0.5	MCG/L	GC1H:150 1

(CONTINUES ON NEXT PAGE)

REMARKS:

SCILAB ALBANY, INC.

15 Century Hill Drive

P.O. Box 787

Latham, NY 12110

Tel: (518) 786-8100

Fax: (518) 786-7700

PROJECT #: 9918035

Task #: 980928Q

Sample No: 980928Q 01

Date Received: 09/28/98

Collection Method: GRAB

Matrix: WATER



FULL SERVICE ENVIRONMENTAL LABORATORIES

ROWAN ENVIRONMENTAL SVC. INC.

6 GLADWISH ROAD

DELMAR NY 12054

Attention: MR. MARTY ROWAN

Purchase Order Number:

Date Sampled: 09/25/98 Time: 16:20

Sampled By : ROWAN

Sample Id: MW-1

Location : CAMAROTH CLEANERS

Parameters and Standard Methodology Used

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Ref:
1,1,2,2-TETRACHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,2,3-TRICHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
BROMOBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
2-CHLOROTOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
4-CHLOROTOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,3-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,4-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,2-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,2-DIBROMO-3-CHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,2,4-TRICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
HEXACHLOROBUTADIENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,2,3-TRICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
BENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
TOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
ETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
P-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
M-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
O-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
STYRENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
ISOPROPYLBENZENE (CUMENE)	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
N-PROPYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,3,5-TRIMETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
TERT-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
1,2,4-TRIMETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
SEC-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
4-ISOPROPYLTOLUENE (P-CYME)	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
N-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7
NAPHTHALENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/7

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/

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FULL SERVICE ENVIRONMENTAL LABORATORIES

ROWAN ENVIRONMENTAL SVC. INC.
6 GLADWISH ROAD
DELMAR NY 12054

Attention: MR. MARTY ROWAN

Purchase Order Number:
Date Sampled: 09/25/98 Time: 16:35
Sampled By : ROWAN
Sample Id: MW-2
Location : CAMAROTH CLEANERS

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918035

Task #: 980928Q

Sample No: 980928Q 02
Date Received: 09/28/98
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

Results	PQL	Unit	Analyst Ref

(CONTINUED FROM PREVIOUS PAGE)

1,1,2,2-TETRACHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,2,3-TRICHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
BROMOBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
2-CHLOROTOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
4-CHLOROTOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,3-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,4-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,2-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,2-DIBROMO-3-CHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,2,4-TRICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
HEXACHLOROBUTADIENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,2,3-TRICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
BENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
TOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
ETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
P-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
M-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
O-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
STYRENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
ISOPROPYLBENZENE (CUMENE)	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
N-PROPYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,3,5-TRIMETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
TERT-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,2,4-TRIMETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
SEC-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
4-ISOPROPYLTOLUENE (P-CYMENE)	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
N-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
NAPHTHALENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MC

SCILAB

FULL SERVICE ENVIRONMENTAL LABORATORIES

ROWAN ENVIRONMENTAL SVC. INC.
6 GLADWISH ROAD
DELMAR NY 12054

Attention: MR. MARTY ROWAN

Purchase Order Number:
Date Sampled: 09/25/98 Time: 16:50
Sampled By: ROWAN
Sample Id: MW-3 EPS-3
Location: CAMAROTH CLEANERS

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918035

Task #: 980928Q

Sample No: 980928Q 03
Date Received: 09/28/98
Collection Method: GRAB
Matrix: WATER

Parameters and Standard Methodology Used

		Results	POL	Unit	Analyst R
DICHLORODIFLUOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
CHLOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
VINYL CHLORIDE	EPA 502.2	18	0.5	MCG/L	GC1H:150 10/
BROMOMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
CHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
TRICHLOROFLUOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,1-DICHLOROETHENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
METHYLENE CHLORIDE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
TRANS-1,2-DICHLOROETHENE	EPA 502.2	3	0.5	MCG/L	GC1H:150 10/
1,1-DICHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
2,2-DICHLOROPROPANE	EPA 502.2	*24	0.5	MCG/L	GC1H:150 10/
CIS-1,2-DICHLOROETHENE	EPA 502.2	*	0.5	MCG/L	GC1H:150 10/
CHLOROFORM	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
BROMOCHLOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,1,1-TRICHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,1-DICHLOROPROPENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
CARBON TETRACHLORIDE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,2-DICHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
TRICHLOROETHENE	EPA 502.2	19	0.5	MCG/L	GC1H:150 10/
1,2-DICHLOROPROPANE	EPA 502.2	2	0.5	MCG/L	GC1H:150 10/
DIBROMOMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
BROMODICHLOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
CIS-1,3-DICHLOROPROPENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
TRANS-1,3-DICHLOROPROPENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,1,2-TRICHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,3-DICHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
TETRACHLOROETHENE	EPA 502.2	260	5	MCG/L	GC1H:152 10/
DIBROMOCHLOROMETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,2-DIBROMOETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
CHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
1,1,1,2-TETRACHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/
BROMOFORM	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10/

(CONTINUES ON NEXT PAGE)

REMARKS:



FULL SERVICE ENVIRONMENTAL LABORATORIES

ROWAN ENVIRONMENTAL SVC. INC.
6 GLADWISH ROAD
DELMAR NY 12054

Attention: MR. MARTY ROWAN

Purchase Order Number:
Date Sampled: 09/25/98 Time: 16:50
Sampled By : ROWAN
Sample Id: MW-3
Location : CAMAROTH CLEANERS

Parameters and Standard Methodology Used

SCILAB ALBANY, INC.

15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

PROJECT #: 9918035

Task #: 980928Q

Sample No: 980928Q 03
Date Received: 09/28/98
Collection Method: GRAB
Matrix: WATER

(CONTINUED FROM PREVIOUS PAGE)

		Results	PQL	Unit	Analyst Re:
1,1,2,2-TETRACHLOROETHANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,2,3-TRICHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
BROMOBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
2-CHLOROTOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
4-CHLOROTOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,3-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,4-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,2-DICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,2-DIBROMO-3-CHLOROPROPANE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,2,4-TRICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
HEXACHLOROBUTADIENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,2,3-TRICHLOROBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
BENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
TOLUENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
ETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
P-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
M-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
O-XYLENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
STYRENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
ISOPROPYLBENZENE (CUMENE)	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
N-PROPYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,3,5-TRIMETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
TERT-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
1,2,4-TRIMETHYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
SEC-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
4-ISOPROPYLTOLUENE (P-CYMENE)	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
N-BUTYLBENZENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10
NAPHTHALENE	EPA 502.2	ND	0.5	MCG/L	GC1H:150 10

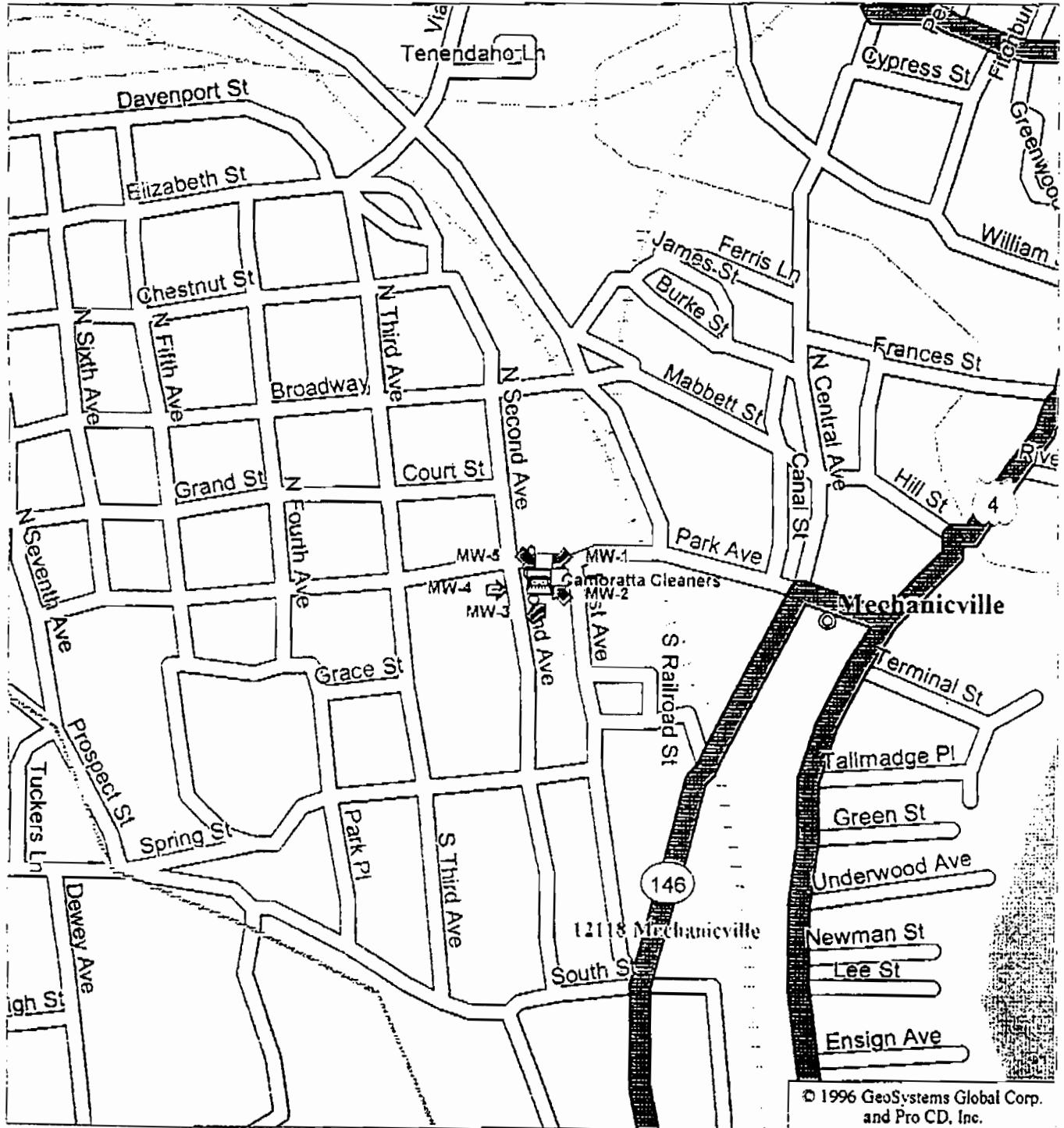
REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MC

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TOTAL P.09

Site Map



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and Pro CD, Inc.

ProCD

REFERENCE 19

Field Notes:

Camarota Cleaners
323 Park Ave.
Mechanicville, NY 12118

"P" Site 546044

Contract Lab

CHEMTECH
110 Route 4
Englewood, NJ 07631
Attn Dwija Mehra
(201) 567-6868

Camarota Cleaners
Site ID #546044

323 Park Ave.
Mechanicville, NY
Saratoga County

5/26/99

Arrived at Site approx.
8:30 AM. Met 2 City
Workers at the Site
who opened the building
up for inspection.

Bert Pine and I walked
through building. Building
is in poor condition.

roof has been leaking
for a number of years.

Interior is wet and rusted,
general poor conditions.

All of the windows have been
broken and are currently
boarded up. There is no

cellar in this building. The
boiler room located to
the rear (South East Corner)
of the building was locked.

City workers gained access

To the boiler room inside
we found 4 3ft x 18 inch
plastic drums with dry
clay-like balls of material
inside. Unsure of what
this is but, does have
the smell of Dry Cleaning
Solvent. A sample will be
taken of this material.

Located 3 monitoring wells
and 4 of the 5 piezometers.
(Unable to locate WP5). All
wells and piezometers will be
bailed using Master Flex Pump.

WP 6 Pizometer. Could
not bail or sample. Approx
8 inches of mud at bottom.

WP 4 Pizometer
9:20-9:25 Pumped approx 2 vol. Well
went dry. Will wait to
sample.

Took Sample 2 UOA

11:24 AM.

T. Sylvestre Sampler CAM-04
Put Sample in Cooler
on Ice.

WP 2 Pizometer
9:40-9:49 Pumped Approx 3+ Uol. Will
return to take Sample.

Took Sample 2 UOA CAM-03

11:18 AM

T. Sylvestre Sampler
Put Sample in Cooler on Ice.

ESP 2 monitoring well
Pumped 3+ Uols.

9:40-9:49

Will return to Sample.

Took Sample 2 UOA.

CAM-02

11:15 AM.

T. Sylvestre Sampler
Put Sample in Cooler on Ice.

WP 3 Pizometer

Could not bail or sample.

ESP 3 monitoring well
Pumped 3+ Uol.

10:15-10:30

Will Return to Sample

Took Sample 6 UOA 11:50 AM

CAM-05 MS/MSD

Placed Sample on Ice

T. Sylvestre Sampler

ESP 1 monitoring well

pumped 37 Vol.

10:35 - 10:45

Took Sample when purging
was completed. (Well was located
in middle of street.)

Took Sample 2 Vol.

10:45 AM

T. Sylvester Sampler
Placed Sample in cooler on ice.

Well Purging and Sampling

Completed at 11:50 AM

Wells & Pizomulas were
recovered and secured.

Soil Sampling Vol.

Sample CAM-09

Taken from Boiler
Room Perc Ball Container

11:05 AM

B. Pine Sampler

Sample CAM-10

Taken approx 4" deep
from South East Rear
corner of Building approx
4 ft from Building corner

12:06 PM

B. Pine Sampler

Sample CAM-11

Taken from under driveway
blacktop 12 ft from Back Door
middle of Driveway

12:12 PM

B. Pine Sampler

Sample CAM-12

20 ft from Rear of Building
across driveway, edge of grass,
opposite electrical meter box.
12:15 PM B. Pine Sample.

Sample CAM-13

2 ft North of South East
Corner of Building.
(Note: When soil was
disturbed, smell of PCE
was evident)
12:20 PM B. Pine Sample

Sample CAM-14

East Side of Building
15 ft. North of South East
Corner.
12:25 PM B. Pine Sample

All Soil Samples were
taken from 2 to 4 inches
below surface.

Decanned Equipment
and re packaged Samples.

Left Site at 12:45 PM
Stopped by City Garage to
inform of our leaving.

Returned to D/Log,
completed paper work, Lab
Submittal Sheets etc.

Delivered Samples to
URS @ 3:10 PM for
Overnight Delivery to
Chentec
110 Route 4
Englewood, NJ 07631

REFERENCE 20

RESULTS SUMMARY**CAMAROTA
546044****CASE# SH 099
SDG # 0599****NYS DEC
ROOM 260A
50 WOLF ROAD
ALBANY, NY 12233-7010****CHEMTECH PROJECT NO.
ATTENTION****11879DEC
TONY SYLVESTER**

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

CAM-01

Lab Name: CHEMTECH

Contract: NEW YORK STATE D.E.C.

Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01

Matrix: (soil/water) WATER

Lab Sample ID: 073949

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: M11103.D

Level: (low/med) _____

Date Received: 5/27/99

% Moisture: not dec. 100

Date Analyzed: 5/28/99

GC Column: RTX624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
74-87-3	Chloromethane	10		U
74-83-9	Bromomethane	10		U
75-01-4	Vinyl Chloride	10		U
75-00-3	Chloroethane	10		U
75-09-2	Methylene Chloride	10		U
67-64-1	Acetone	10		U
75-15-0	Carbon Disulfide	4.1		J
75-35-4	1,1-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
156-59-4	cis-1,2-Dichloroethene	10		U
67-66-3	Chloroform	10		U
107-06-2	1,2-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
75-27-4	Bromodichloromethane	10		U
78-87-5	1,2-Dichloropropane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	2.3		J
124-48-1	Dibromochloromethane	10		U
79-00-5	1,1,2-Trichloroethane	10		U
71-43-2	Benzene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-Pentanone	10		U
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	1.1		J
79-34-5	1,1,2,2-Tetrachloroethane	10		U
108-88-3	Toluene	1.3		J
108-90-7	Chlorobenzene	10		U
100-41-4	Ethylbenzene	10		U
100-42-5	Styrene	10		U

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Contract: NEW YORK STATE D.E.C.

Group: CAM-01

Lab Sample ID: O73949

Lab File ID: M11103.D

Date Received: 5/27/99

Date Analyzed: 5/28/99

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

O

[illegible]

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

CAM-01

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) WATER Lab Sample ID: O73949
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: M11103.D
 Level: (low/med) _____ Date Received: 5/27/99
 % Moisture: not dec. 100 Date Analyzed: 5/28/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units:
 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

CAM-02

Lab Name: CHEMTECH

Contract: NEW YORK STATE D.E.C.

Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01

Matrix: (soil/water) WATER

Lab Sample ID: O73950

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: M11104.D

Level: (low/med) _____

Date Received: 5/27/99

% Moisture: not dec. 100

Date Analyzed: 5/28/99

GC Column: RTX624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
74-87-3	Chloromethane	10		U
74-83-9	Bromomethane	10		U
75-01-4	Vinyl Chloride	10		U
75-00-3	Chloroethane	10		U
75-09-2	Methylene Chloride	10		U
67-64-1	Acetone	10		U
75-15-0	Carbon Disulfide	10		U
75-35-4	1,1-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
156-59-4	cis-1,2-Dichloroethene	10		U
67-66-3	Chloroform	10		U
107-06-2	1,2-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
75-27-4	Bromodichloromethane	10		U
78-87-5	1,2-Dichloropropane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	10		U
124-48-1	Dibromochloromethane	10		U
79-00-5	1,1,2-Trichloroethane	10		U
71-43-2	Benzene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-Pentanone	10		U
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	12		
79-34-5	1,1,2,2-Tetrachloroethane	10		U
108-88-3	Toluene	10		U
108-90-7	Chlorobenzene	10		U
100-41-4	Ethylbenzene	10		U
100-42-5	Styrene	10		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

CAM-02

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) WATER Lab Sample ID: O73950
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: M11104.D
 Level: (low/med) _____ Date Received: 5/27/99
 % Moisture: not dec. 100 Date Analyzed: 5/28/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
 Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-03

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.

Project No.: 11879D.E.C. Site: _____ Location: _____ Group: CAM-01

Matrix: (soil/water) WATER Lab Sample ID: O73951

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: M11105.D

Level: (low/med) _____ Date Received: 5/27/99

% Moisture: not dec. 100 Date Analyzed: 5/28/99

GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/L
			Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	6.7	J
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-4	cis-1,2-Dichloroethene	27	
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	52	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	92	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	3.9	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	4.8	J
100-42-5	Styrene	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-03

Lab Name: CHEMTECH

Contract: NEW YORK STATE D.E.C.

Project No.: 11879D.E.C.

Site:

Location:

Group: CAM-01

Matrix: (soil/water) WATER

Lab Sample ID: O73951

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: M11105.D

Level: (low/med)

Date Received: 5/27/99

% Moisture:	not dec.	100

Date Analyzed: 5/28/99

GC Column: RTX624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/L

Q

CAS No.

Compound

[illegible]

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CAM-03

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) WATER Lab Sample ID: O73951
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: M11105.D
 Level: (low/med) _____ Date Received: 5/27/99
 % Moisture: not dec. 100 Date Analyzed: 5/28/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

Number TICs found: 7

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 611-14-3	Benzene, 1-ethyl-2-methyl-	23.45	22	J
2. 95-63-6	Benzene, 1,2,4-trimethyl-	23.56	11	J
3. 526-73-8	Benzene, 1,2,3-trimethyl-	24.30	41	J
4. 933-98-2	Benzene, 1-ethyl-2,3-dimethy	25.61	13	J
5. 874-41-9	Benzene, 1-ethyl-2,4-dimethy	26.43	11	J
6.	Unknown	27.42	10	J
7. 27133-93-3	2,3-Dihydro-1-methylindene	28.77	13	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-04

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) WATERLab Sample ID: O73952Sample wt/vol: 5.0 (g/mL) MLLab File ID: M11106.D

Level: (low/med) _____

Date Received: 5/27/99% Moisture: not dec. 100Date Analyzed: 5/28/99GC Column: RTX624 ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
74-87-3	Chloromethane	10		U
74-83-9	Bromomethane	10		U
75-01-4	Vinyl Chloride	10		U
75-00-3	Chloroethane	10		U
75-09-2	Methylene Chloride	10		U
67-64-1	Acetone	10		U
75-15-0	Carbon Disulfide	10		U
75-35-4	1,1-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
156-59-4	cis-1,2-Dichloroethene	10		U
67-66-3	Chloroform	10		U
107-06-2	1,2-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
75-27-4	Bromodichloromethane	10		U
78-87-5	1,2-Dichloropropane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	10		U
124-48-1	Dibromochloromethane	10		U
79-00-5	1,1,2-Trichloroethane	10		U
71-43-2	Benzene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-Pentanone	10		U
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	1.2		J
79-34-5	1,1,2,2-Tetrachloroethane	10		U
108-88-3	Toluene	10		U
108-90-7	Chlorobenzene	10		U
100-41-4	Ethylbenzene	10		U
100-42-5	Styrene	10		U

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**

Soil Aliquot Volume: (uL)

Q

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CAM-04

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) WATER Lab Sample ID: O73952
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: M11106.D
 Level: (low/med) _____ Date Received: 5/27/99
 % Moisture: not dec. 100 Date Analyzed: 5/28/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units:
 (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-05

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) WATERLab Sample ID: O73953Sample wt/vol: 5.0 (g/mL) MLLab File ID: M11107.D

Level: (low/med) _____

Date Received: 5/27/99% Moisture: not dec. 100Date Analyzed: 5/28/99GC Column: RTX624ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
74-87-3	Chloromethane	10		U
74-83-9	Bromomethane	10		U
75-01-4	Vinyl Chloride	12		
75-00-3	Chloroethane	10		U
75-09-2	Methylene Chloride	2.7		J
67-64-1	Acetone	10		U
75-15-0	Carbon Disulfide	10		U
75-35-4	1,1-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
156-60-5	trans-1,2-Dichloroethene	6.8		J
156-59-4	cis-1,2-Dichloroethene	29		
67-66-3	Chloroform	12		
107-06-2	1,2-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
75-27-4	Bromodichloromethane	10		U
78-87-5	1,2-Dichloropropane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	36		
124-48-1	Dibromochloromethane	10		U
79-00-5	1,1,2-Trichloroethane	10		U
71-43-2	Benzene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-Pentanone	10		U
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	86		
79-34-5	1,1,2,2-Tetrachloroethane	10		U
108-88-3	Toluene	10		U
108-90-7	Chlorobenzene	10		U
100-41-4	Ethylbenzene	10		U
100-42-5	Styrene	10		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

CAM-05

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) WATER Lab Sample ID: O73953
 Sample wt/vol: 5.0 (g/mL) ML Lab File ID: M11107.D
 Level: (low/med) _____ Date Received: 5/27/99
 % Moisture: not dec. 100 Date Analyzed: 5/28/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/L

Number TICs found: 0

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-05MS

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) WATERLab Sample ID: O73954MSSample wt/vol: 5.0 (g/mL) MLLab File ID: M11108.D

Level: (low/med) _____

Date Received: 5/27/99% Moisture: not dec. 100Date Analyzed: 5/28/99GC Column: RTX624 ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
74-87-3	Chloromethane	10		U
74-83-9	Bromomethane	10		U
75-01-4	Vinyl Chloride	9.9		J
75-00-3	Chloroethane	10		U
75-09-2	Methylene Chloride	2.4		J
67-64-1	Acetone	10		U
75-15-0	Carbon Disulfide	10		U
75-35-4	1,1-Dichloroethene	56		
75-34-3	1,1-Dichloroethane	10		U
156-60-5	trans-1,2-Dichloroethene	6.1		J
156-59-4	cis-1,2-Dichloroethene	28		
67-66-3	Chloroform	11		
107-06-2	1,2-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon Tetrachloride	10		U
75-27-4	Bromodichloromethane	10		U
78-87-5	1,2-Dichloropropane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	76		
124-48-1	Dibromochloromethane	10		U
79-00-5	1,1,2-Trichloroethane	10		U
71-43-2	Benzene	43		
10061-02-6	trans-1,3-Dichloropropene	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-Pentanone	10		U
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	74		
79-34-5	1,1,2,2-Tetrachloroethane	10		U
108-88-3	Toluene	38		
108-90-7	Chlorobenzene	39		
100-41-4	Ethylbenzene	10		U
100-42-5	Styrene	10		U

U.S. DEPARTMENT OF AGRICULTURE

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

CAM-05MSD

Lab Name: CHEMTECH

Contract: NEW YORK STATE D.E.C.

Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01

Matrix: (soil/water) WATER

Lab Sample ID: 073955SD

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: M11109.D

Level: (low/med) _____

Date Received: 5/27/99

% Moisture: not dec. 100

Date Analyzed: 5/28/99

GC Column: RTX624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/L
			Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	11	
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2.7	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	58	
75-34-3	1,1-Dichloroethane	10	U
156-60-5	trans-1,2-Dichloroethene	6.6	J
156-59-4	cis-1,2-Dichloroethene	29	
67-66-3	Chloroform	12	
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	84	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	45	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	84	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	42	
108-90-7	Chlorobenzene	44	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U

Contract: NEW YORK STATE D.E.C.

CAM-05MSD

Project No.: 11879D.E.C.

Site:

Location:

Group: CAM-01

Matrix: (soil/water) WATER

Lab Sample ID: O73955SD

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: M11109.D

Level: (low/med) _____

Date Received: 5/27/99

% Moisture:	not dec.	100

Date Analyzed: 5/28/99

GC Column: RTX624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/L

Q

[illegible]

VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-09

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) SOILLab Sample ID: O73956Sample wt/vol: 4.0 (g/mL) GLab File ID: M11138.DLevel: (low/med) MEDDate Received: 5/27/99% Moisture: not dec. 5Date Analyzed: 5/30/99GC Column: RTX624 ID: 0.53 (mm)Dilution Factor: 200.0Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100 (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
74-87-3	Chloromethane	252600		U
74-83-9	Bromomethane	252600		U
75-01-4	Vinyl Chloride	252600		U
75-00-3	Chloroethane	252600		U
75-09-2	Methylene Chloride	103400		J
67-64-1	Acetone	252600		U
75-15-0	Carbon Disulfide	252600		U
75-35-4	1,1-Dichloroethene	252600		U
75-34-3	1,1-Dichloroethane	252600		U
156-60-5	trans-1,2-Dichloroethene	252600		U
156-59-4	cis-1,2-Dichloroethene	252600		U
67-66-3	Chloroform	252600		U
107-06-2	1,2-Dichloroethane	252600		U
78-93-3	2-Butanone	252600		U
71-55-6	1,1,1-Trichloroethane	252600		U
56-23-5	Carbon Tetrachloride	252600		U
75-27-4	Bromodichloromethane	252600		U
78-87-5	1,2-Dichloropropane	252600		U
10061-01-5	cis-1,3-Dichloropropene	252600		U
79-01-6	Trichloroethene	252600		U
124-48-1	Dibromochloromethane	252600		U
79-00-5	1,1,2-Trichloroethane	252600		U
71-43-2	Benzene	252600		U
10061-02-6	trans-1,3-Dichloropropene	252600		U
75-25-2	Bromoform	252600		U
108-10-1	4-Methyl-2-Pentanone	252600		U
591-78-6	2-Hexanone	252600		U
127-18-4	Tetrachloroethene	2783400		
79-34-5	1,1,2,2-Tetrachloroethane	252600		U
108-88-3	Toluene	252600		U
108-90-7	Chlorobenzene	252600		U
100-41-4	Ethylbenzene	252600		U
100-42-5	Styrene	252600		U

CAM-09

Contract: NEW YORK STATE D.E.C.

Site:

Location:

Group: CAM-01

SOIL

Lab Sample ID: O73956

4.0

(g/mL)

G

Lab File ID: M11138.D

MED

Date Received: 5/27/99

5

Date Analyzed: 5/30/99

ID: 0.53 (mm)

Dilution Factor: 200.0

Soil Aliquot Volume: 100 (uL)

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CAM-09

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) SOIL Lab Sample ID: O73956
 Sample wt/vol: 4.0 (g/mL) G Lab File ID: M11138.D
 Level: (low/med) MED Date Received: 5/27/99
 % Moisture: not dec. 5 Date Analyzed: 5/30/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 200.0
 Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0 Concentration Units:
 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-10

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) SOILLab Sample ID: 073957Sample wt/vol: 5.0 (g/mL) GLab File ID: A7010.DLevel: (low/med) LOWDate Received: 5/27/99% Moisture: not dec. 11Date Analyzed: 5/31/99GC Column: RTX624 ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
74-87-3	Chloromethane	11		U
74-83-9	Bromomethane	11		U
75-01-4	Vinyl Chloride	11		U
75-00-3	Chloroethane	11		U
75-09-2	Methylene Chloride	11		U
67-64-1	Acetone	11		U
75-15-0	Carbon Disulfide	11		U
75-35-4	1,1-Dichloroethene	11		U
75-34-3	1,1-Dichloroethane	11		U
156-60-5	trans-1,2-Dichloroethene	11		U
156-59-4	cis-1,2-Dichloroethene	11		U
67-66-3	Chloroform	11		U
107-06-2	1,2-Dichloroethane	11		U
78-93-3	2-Butanone	11		U
71-55-6	1,1,1-Trichloroethane	11		U
56-23-5	Carbon Tetrachloride	11		U
75-27-4	Bromodichloromethane	11		U
78-87-5	1,2-Dichloropropane	11		U
10061-01-5	cis-1,3-Dichloropropene	11		U
79-01-6	Trichloroethene	11		U
124-48-1	Dibromochloromethane	11		U
79-00-5	1,1,2-Trichloroethane	11		U
71-43-2	Benzene	11		U
10061-02-6	trans-1,3-Dichloropropene	11		U
75-25-2	Bromoform	11		U
108-10-1	4-Methyl-2-Pentanone	11		U
591-78-6	2-Hexanone	11		U
127-18-4	Tetrachloroethene	12		
79-34-5	1,1,2,2-Tetrachloroethane	11		U
108-88-3	Toluene	11		U
108-90-7	Chlorobenzene	11		U
100-41-4	Ethylbenzene	11		U
100-42-5	Styrene	11		U

CAM-10

Contract: NEW YORK STATE D.E.C.

Site:

Group: CAM-01

Lab Sample ID: O73957

Lab File ID: A7010.D

Date Received: 5/27/99

Date Analyzed: 5/31/99

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

(ug/L or ug/Kg)

ug/Kg

Q

Page 2 of 2

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CAM-10

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) SOIL Lab Sample ID: O73957
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: A7010.D
 Level: (low/med) LOW Date Received: 5/27/99
 % Moisture: not dec. 11 Date Analyzed: 5/31/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/Kg

Number TICs found: 0

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
3.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-11

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) SOILLab Sample ID: O73958Sample wt/vol: 5.0 (g/mL) GLab File ID: A7011.DLevel: (low/med) LOWDate Received: 5/27/99% Moisture: not dec. 8Date Analyzed: 5/31/99GC Column: RTX624 ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
74-87-3	Chloromethane	11		U
74-83-9	Bromomethane	11		U
75-01-4	Vinyl Chloride	11		U
75-00-3	Chloroethane	11		U
75-09-2	Methylene Chloride	11		U
67-64-1	Acetone	11		U
75-15-0	Carbon Disulfide	11		U
75-35-4	1,1-Dichloroethene	11		U
75-34-3	1,1-Dichloroethane	11		U
156-60-5	trans-1,2-Dichloroethene	11		U
156-59-4	cis-1,2-Dichloroethene	11		U
67-66-3	Chloroform	11		U
107-06-2	1,2-Dichloroethane	11		U
78-93-3	2-Butanone	11		U
71-55-6	1,1,1-Trichloroethane	11		U
56-23-5	Carbon Tetrachloride	11		U
75-27-4	Bromodichloromethane	11		U
78-87-5	1,2-Dichloropropane	11		U
10061-01-5	cis-1,3-Dichloropropene	11		U
79-01-6	Trichloroethene	11		U
124-48-1	Dibromochloromethane	11		U
79-00-5	1,1,2-Trichloroethane	11		U
71-43-2	Benzene	11		U
10061-02-6	trans-1,3-Dichloropropene	11		U
75-25-2	Bromoform	11		U
108-10-1	4-Methyl-2-Pentanone	11		U
591-78-6	2-Hexanone	11		U
127-18-4	Tetrachloroethene	15		
79-34-5	1,1,2,2-Tetrachloroethane	11		U
108-88-3	Toluene	11		U
108-90-7	Chlorobenzene	11		U
100-41-4	Ethylbenzene	11		U
100-42-5	Styrene	11		U

CAM-11

Contract: NEW YORK STATE D.E.C.

Site:

Group: CAM-01

Lab Sample ID: O73958

Lab File ID: A7011.D

Date Received: 5/27/99

Date Analyzed: 5/31/99

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

(ug/L or ug/Kg)

 $\mu\text{g/Kg}$

Q

3/90

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CAM-11

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) SOIL Lab Sample ID: O73958
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: A7011.D
 Level: (low/med) LOW Date Received: 5/27/99
 % Moisture: not dec. 8 Date Analyzed: 5/31/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units:
 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-11MS

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) SOILLab Sample ID: O73958MSSample wt/vol: 5.0 (g/mL) GLab File ID: A7012.DLevel: (low/med) LOWDate Received: 5/27/99% Moisture: not dec. 8Date Analyzed: 5/31/99GC Column: RTX624ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
74-87-3	Chloromethane	11		U
74-83-9	Bromomethane	11		U
75-01-4	Vinyl Chloride	11		U
75-00-3	Chloroethane	11		U
75-09-2	Methylene Chloride	11		U
67-64-1	Acetone	2.3		J
75-15-0	Carbon Disulfide	11		U
75-35-4	1,1-Dichloroethene	67		
75-34-3	1,1-Dichloroethane	11		U
156-60-5	trans-1,2-Dichloroethene	11		U
156-59-4	cis-1,2-Dichloroethene	11		U
67-66-3	Chloroform	11		U
107-06-2	1,2-Dichloroethane	11		U
78-93-3	2-Butanone	11		U
71-55-6	1,1,1-Trichloroethane	11		U
56-23-5	Carbon Tetrachloride	11		U
75-27-4	Bromodichloromethane	11		U
78-87-5	1,2-Dichloropropane	11		U
10061-01-5	cis-1,3-Dichloropropene	11		U
79-01-6	Trichloroethene	48		
124-48-1	Dibromochloromethane	11		U
79-00-5	1,1,2-Trichloroethane	11		U
71-43-2	Benzene	49		
10061-02-6	trans-1,3-Dichloropropene	11		U
75-25-2	Bromoform	11		U
108-10-1	4-Methyl-2-Pentanone	11		U
591-78-6	2-Hexanone	11		U
127-18-4	Tetrachloroethene	24		
79-34-5	1,1,2,2-Tetrachloroethane	11		U
108-88-3	Toluene	49		
108-90-7	Chlorobenzene	48		
100-41-4	Ethylbenzene	11		U
100-42-5	Styrene	11		U

CAM-11MS
E.D.E.C.

Contract: NEW YORK STATE D.E.C.

Site:

Location:

Group: CAM-01

Lab Sample ID: O73958MS

Lab File ID: A7012.D

Date Received: 5/27/99

Date Analyzed: 5/31/99

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-11MSD

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) SOILLab Sample ID: O73958SDSample wt/vol: 5.0 (g/mL) GLab File ID: A7014.DLevel: (low/med) LOWDate Received: 5/27/99% Moisture: not dec. 8Date Analyzed: 5/31/99GC Column: RTX624 ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/Kg
			Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	4.8	J
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	74	
75-34-3	1,1-Dichloroethane	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
156-59-4	cis-1,2-Dichloroethene	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	50	
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	51	
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	53	
108-90-7	Chlorobenzene	52	
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U

CAM-11MSD

Contract: NEW YORK STATE D.E.C.

Group: CAM-01

Lab Sample ID: O73958SD

Lab File ID: A7014.D

Date Received: 5/27/99

Date Analyzed: 5/31/99

Dilution Factor: 1.0

Soil Aliquot Volume: _____ (uL)

(ug/L or ug/Kg)

ug/Kg

Q

3/90

VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-12

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) SOILLab Sample ID: O73959Sample wt/vol: 5.0 (g/mL) GLab File ID: A7002.DLevel: (low/med) LOWDate Received: 5/27/99% Moisture: not dec. 14Date Analyzed: 5/30/99GC Column: RTX624 ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/Kg
			Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	4.2	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
156-59-4	cis-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U

CAM-12
E D.E.C.

Contract: NEW YORK STATE D.E.C.

Site:

Location:

Group: CAM-01

Lab Sample ID: O73959

Lab File ID: A7002.D

Date Received: 5/27/99

Date Analyzed: 5/30/99

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CAM-12

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) SOIL Lab Sample ID: O73959
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: A7002.D
 Level: (low/med) LOW Date Received: 5/27/99
 % Moisture: not dec. 14 Date Analyzed: 5/30/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units:
 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-13

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) SOILLab Sample ID: 073960Sample wt/vol: 5.0 (g/mL) GLab File ID: A7003.DLevel: (low/med) LOWDate Received: 5/27/99% Moisture: not dec. 21Date Analyzed: 5/30/99GC Column: RTX624ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/Kg
			Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
156-60-5	trans-1,2-Dichloroethene	13	U
156-59-4	cis-1,2-Dichloroethene	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U

CAM-13

Contract: NEW YORK STATE D.E.C.

Group: CAM-01

Lab Sample ID: O73960

Lab File ID: A7003.D

Date Received: 5/27/99

Date Analyzed: 5/30/99

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

(ug/L or ug/Kg)

ug/Kg

Q

3/90

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CAM-13

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) SOIL Lab Sample ID: O73960
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: A7003.D
 Level: (low/med) LOW Date Received: 5/27/99
 % Moisture: not dec. 21 Date Analyzed: 5/30/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units:
 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

CAM-14

Lab Name: CHEMTECHContract: NEW YORK STATE D.E.C.Project No.: 11879D.E.C.

Site: _____

Location: _____

Group: CAM-01Matrix: (soil/water) SOILLab Sample ID: O73961Sample wt/vol: 5.0 (g/mL) GLab File ID: A7004.DLevel: (low/med) LOWDate Received: 5/27/99% Moisture: not dec. 15Date Analyzed: 5/30/99GC Column: RTX624 ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
74-87-3	Chloromethane	12		U
74-83-9	Bromomethane	12		U
75-01-4	Vinyl Chloride	12		U
75-00-3	Chloroethane	12		U
75-09-2	Methylene Chloride	12		U
67-64-1	Acetone	12		U
75-15-0	Carbon Disulfide	12		U
75-35-4	1,1-Dichloroethene	12		U
75-34-3	1,1-Dichloroethane	12		U
156-60-5	trans-1,2-Dichloroethene	12		U
156-59-4	cis-1,2-Dichloroethene	12		U
67-66-3	Chloroform	12		U
107-06-2	1,2-Dichloroethane	12		U
78-93-3	2-Butanone	12		U
71-55-6	1,1,1-Trichloroethane	12		U
56-23-5	Carbon Tetrachloride	12		U
75-27-4	Bromodichloromethane	12		U
78-87-5	1,2-Dichloropropane	12		U
10061-01-5	cis-1,3-Dichloropropene	12		U
79-01-6	Trichloroethene	12		U
124-48-1	Dibromochloromethane	12		U
79-00-5	1,1,2-Trichloroethane	12		U
71-43-2	Benzene	12		U
10061-02-6	trans-1,3-Dichloropropene	12		U
75-25-2	Bromoform	12		U
108-10-1	4-Methyl-2-Pentanone	12		U
591-78-6	2-Hexanone	12		U
127-18-4	Tetrachloroethene	8.6		J
79-34-5	1,1,2,2-Tetrachloroethane	12		U
108-88-3	Toluene	12		U
108-90-7	Chlorobenzene	12		U
100-41-4	Ethylbenzene	12		U
100-42-5	Styrene	12		U

CAM-14

Contract: NEW YORK STATE D.E.C.

Group: CAM-01

Lab Sample ID: O73961

Lab File ID: A7004.D

Date Received: 5/27/99

Date Analyzed: 5/30/99

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

(ug/L or ug/Kg)

ug/Kg

O

3/90

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CAM-14

Lab Name: CHEMTECH Contract: NEW YORK STATE D.E.C.
 Project No. 1187 Site: _____ Location: _____ Group: CAM-01
 Matrix: (soil/water) SOIL Lab Sample ID: O73961
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: A7004.D
 Level: (low/med) LOW Date Received: 5/27/99
 % Moisture: not dec. 15 Date Analyzed: 5/30/99
 GC Column: RTX624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/Kg

Number TICs found: 0

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
3.				
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REFERENCE 21

**MEMORANDUM OF
CONVERSATION**

WHO: Steven Sgambati

OF: Building Department - Mechanicville

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 664 - 5001 **CALLED:** ☐ **WAS CALLED:** ☒

JOB: Camarota Cleaners PSA **DATE:** 27 October 1999

JOB NUMBER: 650 - 716 G531 **TIME:** 11:25 am

CONCERNING: _____

AND DECIDED:

(1) Is there an as-built drawing, anything that shows the interior of the building – sinks, drains, etc.?

No, nothing like that is available; not even any plans for the building.

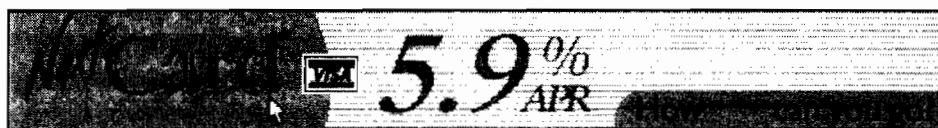
(2) RCRA or EPA permit on file for using PCE as a dry cleaning fluid?

Check with NYSDEC.

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 22

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Top > Search for: dry cleaners

1 to 20 of 91 **Find Near You**

Business Name	Address	City	Phone	Miles**
Hans Laundromat & Dry Cleaners	4 Fire Rd	Clifton Park, NY	(518) 371-7725	4.4
Malta Mall Dry Cleaners	Malta Mall	Ballston Lake, NY	(518) 899-2988	4.6
Qvs Dry Cleaning	15 Park Ave	Clifton Park, NY	(518) 371-7390	4.9
Geyser Road Laundry & Dry Clnr	418 Geyser Rd	Ballston Spa, NY	(518) 583-9274	10.9
G M's Dry Cleaners	15 Glenridge Rd	Scotia, NY	(518) 384-1208	11.2
Hans Laundromat & Dry Cleaners	1802 Plaza Way	Watervliet, NY	(518) 272-0485	13.2
Essex Wash & Dry Clean	1208 State St	Schenectady, NY	(518) 382-9614	13.3
Jeff's Dry Cleaners & Leather	1442 State St	Schenectady, NY	(518) 377-4388	13.3
U-Tote-Um Dry Cleaning	2539 Albany St	Schenectady, NY	(518) 393-1515	13.4
Regal Dry Cleaners	1925 Curry Rd	Schenectady, NY	(518) 357-4966	15.3
Damshire Dry Cleaners	1205 Central Ave	Albany, NY	(518) 459-4720	16.1
Silvestri Dry Cleaners	69 Fuller Rd	Albany, NY	(518) 438-8844	16.1
Hans Laundromat & Dry Cleaners	818 Central Ave	Albany, NY	(518) 458-2789	16.9
Guilderland Dry Cleaners Inc	2050 Western Ave	Guilderland, NY	(518) 456-3321	17.5
Silvestri Dry Cleaners	1178 Western Ave	Albany, NY	(518) 459-2691	17.5
Rko Dry Cleaners & Tailors	566 Washington Ave	Albany, NY	(518) 434-6212	17.8
Cambridge Dry Cleaners	146 W Main St	Cambridge, NY	(518) 677-3443	18.3
Star Dry Cleaners	267 S Pearl St	Albany, NY	(518) 434-3054	19.2
Discount Laundromat & Dry Clnr	258 Columbia Tpke	Rensselaer, NY	(518) 477-2109	20.9
Bennington Dry Cleaners	748 Main St # 4	Bennington, VT	(802) 442-5888	27.0

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Beyond Mechanicville, NY

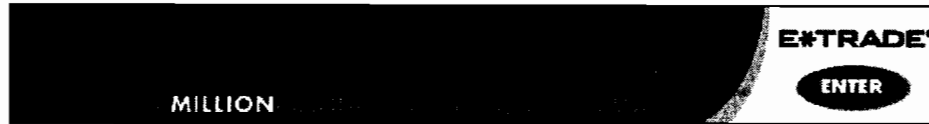
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Top > Search for: dry cleaners

 21 to 40 of 91 **Find Near You**

Business Name	Address	City	Phone	Miles**
Clyde's Professional Dry Clean	15 Main St	South Glens Falls, NY	(518) 792-9742	27.0
Hank & Ann's Laundry & Dry Cln	46 River St	Hudson Falls, NY	(518) 747-2634	27.4
Cro Sen Dry Cleaners	142 W Fulton St	Gloversville, NY	(518) 725-0521	33.3
Emkay Dry Cleaners	1048 Kinderhook St	Valatie, NY	(518) 758-6395	35.1
Aladco Dry Cleaners	82 Commercial St # 1	Adams, MA	(413) 743-0505	36.9
One-Stop Dry Cleaners	543 S Main St	Lanesboro, MA	(413) 448-2114	37.7
Warrensburg Laundry & Dry Cln	11 Richards Ave	Warrensburg, NY	(518) 668-2924	39.8
Schoharie Valley Laundry & Dry	96 Scribner Ave	Middleburgh, NY	(518) 827-5252	40.3
Williams Dry Cleaners	21 E Main St	Granville, NY	(518) 642-1522	41.2
Lenox Laundromat & Dry Cleaner	18 Franklin St # A	Lenox, MA	(413) 637-1014	44.6
Wilson's Laundry & Dry Cleaner	Goodman Ave	Bolton Landing, NY	(518) 644-9616	46.3
Valley Dry Cleaners	Highway 9w & Highway 23a	Catskill, NY	(518) 943-4162	48.2
Fabricare Dry Cleaners	Brookside Plz	Brattleboro, VT	(802) 254-5400	56.0
Modern Dry Cleaners & Dyers	541 Garden St	Little Falls, NY	(315) 823-0610	58.2
Lawton Dry Cleaners	89 Elliot St	Brattleboro, VT	(802) 254-9380	59.0
Chem-Dry Of Rutland-Killington	Route 4	Rutland, VT	(802) 775-4195	61.7
Sunshine Dry Cleaning & Lndry	166 Montcalm St	Ticonderoga, NY	(518) 585-6188	66.2
Fast-Dry Carpet & Upholstery	221 Pine St	Florence, MA	(413) 587-0155	66.8
Mercury Dry Cleaners	62 Main St	North Springfield, VT	(802) 886-2266	67.0
Quality Dry Cleaning & Laundry	1094 Morton Blvd	Kingston, NY	(914) 336-4377	67.7

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41 to 60 of 91 **Find Near You**

<u>Business Name</u>	<u>Address</u>	<u>City</u>	<u>Phone</u>	<u>Miles**</u>
<u>Springfield Dry Cleaners</u>	146 Wall St	Springfield, VT	(802) 885-4106	68.2
<u>Pioneer Chem-Dry</u>	66 Cherry St	Easthampton, MA	(413) 527-7548	70.7
<u>Minuteman Dry Cleaning</u>	5 Pray St	Amherst, MA	(413) 549-3612	71.6
<u>College Dry Cleaners</u>	358 College St	Amherst, MA	(413) 253-5523	72.6
<u>Laba Dry Cleaners & Alteration</u>	51 Southwick Rd	Westfield, MA	(413) 562-7387	74.3
<u>K's Dry Cleaners</u>	401 Hillside Ave	Holyoke, MA	(413) 536-8970	74.5
<u>Crown Dry Cleaning & Tuxedo</u>	74 W State St	Granby, MA	(413) 467-2556	75.9
<u>Martin's Dry Cleaner & Tailor</u>	Route 32	Rosendale, NY	(914) 658-3157	76.4
<u>Belmont Laundry & Custom Dry</u>	804 Westfield St	West Springfield, MA	(413) 732-2768	79.0
<u>Village Laundry & Dry Cleaning</u>	1340 Springfield St	Feeding Hills, MA	(413) 789-2421	79.4
<u>Desabrais Laundry & Dry Cng</u>	111-2 Middle Rd	Middlebury, VT	(802) 388-9079	80.0
<u>Belmont Laundry & Custom Dry</u>	61 Mill St	Agawam, MA	(413) 789-0279	81.0
<u>Clean & Dry</u>	2059 Page Blvd	Indian Orchard, MA	(413) 543-4523	81.5
<u>A Plus Chem Dry</u>		Torrington, CT	(860) 489-6010	82.1
<u>Globe Laundry & Dry Cleaners</u>	911 E Main St	Torrington, CT	(860) 482-4660	82.8
<u>Quality Dry Cleaning</u>	264 Main St	New Paltz, NY	(914) 256-9280	83.1
<u>Stacy's Longmeadow Dry Cleaner</u>	3 Edgewood Ave	Longmeadow, MA	(413) 567-5036	83.2
<u>Royal Dry Cleaners</u>	Route 299	New Paltz, NY	(914) 255-0460	83.3
<u>Quality Dry Cleaning</u>	1205 Sumner Ave	Springfield, MA	(413) 783-9033	83.4
<u>Belmont Laundry & Custom Dry</u>	1802 Wilbraham Rd	Springfield, MA	(413) 783-7226	83.4

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Question: How low should your APR be?

My Visa card's APR should be...

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61 to 80 of 91 **Find Near You**

<u>Business Name</u>	<u>Address</u>	<u>City</u>	<u>Phone</u>	<u>Miles**</u>
<u>Quality Dry Cleaning & Laundry</u>	81 Vineyard Ave	Highland, NY	(914) 691-6183	84.1
<u>Longmeadow Dry Cleaners</u>	799 Williams St	Longmeadow, MA	(413) 567-3575	84.3
<u>Enfield Dry Cleaners</u>	640 Enfield St	Enfield, CT	(860) 741-7755	85.4
<u>Belmont Laundry & Custom Dry</u>	921 Shaker Rd	Longmeadow, MA	(413) 567-9655	85.5
<u>Mayflower Laundry & Dry Clean</u>	1191 Hopmeadow St	Simsbury, CT	(860) 658-5136	85.5
<u>Kelqara Dry Cleaners</u>	Rr 55 Box 161	Poughkeepsie, NY	(914) 452-7577	86.4
<u>Edricks Fine Dry Cleaning</u>	292 Spielman Hwy	Burlington, CT	(860) 675-4887	87.7
<u>Jiffy Laundromat & Budget Dry</u>	122 Prospect Hill Rd	East Windsor, CT	(860) 623-4884	89.1
<u>Mayflower Laundry & Dry Clean</u>	21 Crossroads Plz	West Hartford, CT	(860) 236-2048	92.8
<u>Edricks Fine Dry Cleaning</u>	1007 Farmington Ave	Farmington, CT	(860) 676-0414	93.5
<u>Simply Magic Chem-Dry</u>	701 Nutmeg Rd N # 14	South Windsor, CT	(860) 875-7433	94.2
<u>Chem-Dry</u>		Farmington, CT	(860) 677-9447	94.3
<u>A Plus Chem-Dry</u>		Bristol, CT	(860) 314-0314	94.6
<u>Mayflower Laundry & Dry Clnng</u>	21 Whitney St	Hartford, CT	(860) 523-5584	94.9
<u>Mc Klean's Dry Kleaning</u>	222 Main St	Farmington, CT	(860) 677-7014	94.9
<u>Oakwood Tailors & Dry Cleaning</u>	11 Oakwood Ave	West Hartford, CT	(860) 236-0765	95.2
<u>Mayflower Laundry & Dry Clean</u>	266 Prospect Ave	Hartford, CT	(860) 523-5243	95.6
<u>Murry's Dry Cleaners & Laundry</u>	54 Lake St	South Fallsburg, NY	(914) 434-5514	96.2
<u>Family Dry Cleaners</u>	161 Woodford Ave	Plainville, CT	(860) 410-1199	97.0
<u>Clothes Call Dry Cleaners</u>	275 New Britain Ave # F	Plainville, CT	(860) 410-1188	97.2

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81 to 91 of 91 **Find Near You**

<u>Business Name</u>	<u>Address</u>	<u>City</u>	<u>Phone</u>	<u>Miles**</u>
<u>Central Connecticut Chem-Dry</u>	134 Starr Ave	Newington, CT	(860) 257-7820	97.5
<u>Paul & Nino Tailoring & Dry</u>	936 Maple Ave	Hartford, CT	(860) 956-9181	97.5
<u>Topplus Dry Cleaners</u>	34 Fenn Rd	Newington, CT	(860) 666-8639	97.9
<u>Absolute Chem-Dry</u>	1262 Queen St	Southington, CT	(860) 793-8666	97.9
<u>Brothers Dry Cleaners & Lndry</u>	234 North St	New Britain, CT	(860) 229-1063	98.8
<u>Dry Kleaning By Mc Kleans</u>	65 Myrtle St	New Britain, CT	(860) 224-1850	98.8
<u>D & G Dry Cleaners & Laundry</u>	198 W Main St	New Britain, CT	(860) 793-8447	98.9
<u>Betty Ellery's Brite Dry</u>	34 Forestburgh Rd	Monticello, NY	(914) 794-4432	100.7
<u>Ellery's Dry Cleaners & Lndry</u>	34 Forestburgh Rd	Monticello, NY	(914) 292-5797	100.7
<u>Superior Dry Cleaners</u>	60 Parrish Dr	Kensington, CT	(860) 248-6792	101.2
<u>Willow Dry Cleaner</u>	355 New London Tpke	Glastonbury, CT	(860) 657-8569	101.3

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REFERENCE 23

**MEMORANDUM OF
CONVERSATION**

WHO: Jack Hoyt

OF: EPA, Region 2 (specialty is characterizing hazardous waste)

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 212 - 637 - 4106 **CALLED:** ☐ **WAS CALLED:** ☒

JOB: Camarota Cleaners PSA **DATE:** 27 October 1999

JOB NUMBER: 650 - 716 G513 **TIME:** 8:30 am

CONCERNING: Given an EPA ID Number, is it possible to find any permits, spills, hazardous waste removals, etc. that have occurred on this property?! Need to find out when permit was issued and how long it was used by the generator, if possible.

AND DECIDED:

Camarota Cleaners
325 Park Avenue
Mechanicville, New York 12118

EPA ID No. NYD 981 076 458
RCRA Large Generator / SRC# 5896 (What does this mean?!)
State Spills / SRC# 5936 (What does this mean?! For spill that occurred 7/17/91)

Jack said to call the local Chamber of Commerce or NYSDEC. It is with the NYSDEC that a permit for a dry cleaner would be (should be) filed.

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 24

0202

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

097

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9903692 SAMPLE RECEIVED: 12/09/1999 CHARGE: 4.00
PROGRAM: 106-BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: 42 54 10.45 LONGITUDE: 73 41 28.78 2 DIRECTION:
LOCATION: CAMAROTA CLEANERS 546828N
DESCRIPTION: 108 SECOND AV., BASEMENT STORAGE ROOM PSD#SY1513
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE 1 ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902-AMBIENT AIR - INDOOR
TIME OF SAMPLING: 12/08/1999 11:55 TO 12/09/1999 11:45 DATE PRINTED: 12/31/1999

ANALYSIS: BADGE 1 ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 12/31/1999 FINAL REPORT

-----PARAMETER-----
ELAPSED TIME 1430 MINUTES
TETRACHLOROETHENE 27. HCG/CU M
**** END OF REPORT ****

NYS ELAP ID'S: 10762(INORGANIC,NUCLEAR) 10763(ORGANIC) 10765(BACTERIOLOGY)
COPIES SENT TO: CO(1), ROC 1, LPHEC(1), FED(1), INFO-PC(1), INFO-LE(1)

G. ANDERS CARLSON
BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT.
NY STATE DEP'T. HEALTH
FLANIGAN SQ., 547 RIVER ST.
TROY ****INTERAGENCY MAIL****

SUBMITTED BY: GERAGHTY

0204

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

097

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9903693 SAMPLE RECEIVED: 12/09/1999 CHARGE: 4.00
PROGRAM: 106: BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION
SOURCE ID: DRAINAGE BASIN: GAZETTEER CODE: 4523
POLITICAL SUBDIVISION: MECHANICVILLE C. COUNTY: SARATOGA
LATITUDE: 42 54 10.45 LONGITUDE: 73 41 28.78 Z DIRECTION:
LOCATION: CAMAROTA CLEANERS 546828N
DESCRIPTION: 108 SECOND AV., BASEMENT STORAGE ROOM, PSD#SY1591
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: BADGE-1: ORGANIC VAPOR MONITORING BADGE
SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
TIME OF SAMPLING: 12/08/1999 11:55 TO 12/09/1999 11:45 DATE PRINTED: 12/31/1999

ANALYSIS: BADGE-1: ORGANIC VAPOR MONITORING BADGE
DATE PRINTED: 12/31/1999 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
ELAPSED TIME	1430 MINUTES
TETRACHLOROETHENE	26 MCG/CM ³
**** END OF REPORT ****	

NYS ELAP ID'S: 10762(INORGANIC, NUCLEAR) 10763(ORGANIC) 10765(BACTERIOLOGY)
COPIES SENT TO: CO(1), ROC(), LPHE(), EED(), INFO-PC(), INFO-LE()

G. ANDERS CARLSON

BUR. ENVIRONMENTAL EXPOSURE INVESTIGAT.

NY STATE DEP. HEALTH

FLANIGAN SQ., 547 RIVER ST.

TROY

SUBMITTED BY: GERAGHTY

****INTERAGENCY MAIL****

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Environmental Exposure Investigation547 River Street - Room 300
Troy, N.Y. 12180-2216
Telephone # (518) 402-7850
FAX # (518) 402-7859

TO:

Mike MussoFax # - 914-735-7466

FROM:

Dan Geraghty518-402-7890Number of Pages Including Cover Sheet: 3Date: 1/17/00

Subject/Comments:

Hi Mike,At Elaine Zuk's request
here are the basement air
sample results from the apartment
next to the Camarota Cleaners
site.Call 518-402-7890 if you have any problems with this fax.

REFERENCE 25

**MEMORANDUM OF
CONVERSATION**

WHO: John Zullo (Water Superintendent for the City of Mechanicville)

OF: Mechanicville Water Department

SPOKE WITH LMS EMPLOYEE: Mike Musso

TELEPHONE NUMBER: 518 - 664 - 3751

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 23 November 1999

JOB NUMBER: 650 - 716 G531

TIME: _____

CONCERNING: What / where are the sources of drinking water for Mechanicville?

AND DECIDED:

There is a water treatment plant (with conventional treatment) located 2 miles west of the Camarota Cleaners facility on Route 67.

The Mechanicville Reservoir (capacity 2 million gallons) is fed by Plum Brook and natural springs. It is located about 3 miles northwest of the water treatment plant.

There are no known private potable or non-potable wells in the City of Mechanicville. Any private wells in use in the region are most likely located north of the water treatment plant (possibly in Stillwater, NY).

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 26

**MEMORANDUM OF
CONVERSATION**

WHO: Linda Milleous

OF: NYSDEC, Raybrook Office

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 897 - 1259

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 5 November 1999

JOB NUMBER: 650 - 716 G531

TIME: 9:00 am

CONCERNING: _____

AND DECIDED:

- (1) Any information on permits for Camarota Cleaners to handle and store PCE? Don't they need a permit to store PCE (a hazardous waste)?

She searched through two data bases (chemical bulk storage and petroleum bulk storage) and did not find any permits. Underground storage tanks would be covered under the petroleum bulk storage, but there is a minimum of 11,000 gallons in order to register the tank. There is also a limit on how much chemical would have to be stored in order for a permit to be necessary. Camarota Cleaners storage was below both of these limits, and thus do not have any permits on file.

CC: _____

REPLY:

YES: ☐

NO: ☐

CC: _____

REPLY:

YES: ☐

NO: ☐

REFERENCE 27

**MEMORANDUM OF
CONVERSATION**

WHO: Clerk

OF: Chamber of Commerce

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 – 664 – 7791 **CALLED:** ☐ **WAS CALLED:** ☒

JOB: Camarota Cleaners PSA **DATE:** 28 October 1999
30 November, 1999

JOB NUMBER: 650 – 716 G531 **TIME:** 11:15 am

CONCERNING: Any information on permits required for dry cleaners because they handle a hazardous substance called PCE.

AND DECIDED:

She does not know.

She referred me to Meg Gorman at the Public Safety Office (518 – 664 – 5651).

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 28

**MEMORANDUM OF
CONVERSATION**

WHO: Meg Gorman

OF: Public Safety - Mechanicville

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 664 - 5651 **CALLED:** ☐ **WAS CALLED:** ☒

JOB: Camarota Cleaners PSA **DATE:** 28 October 1999

JOB NUMBER: 650 - 716 G531 **TIME:** 11:00 am

CONCERNING: Knowledge of a permit associated with Camarota Cleaners because they handled PCE.

AND DECIDED:

She did not have any records that included permits... because it was so long ago. She does have a more current file with a copy of the samples that were taken by NYSDEC in September 1998, but that was all. She took my name and number and if she find anything she is going to give me a call back.

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 29

TITLE 40—PROTECTION OF ENVIRONMENT**PART 260—HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL****APPENDIX I TO PART 260—OVERVIEW OF SUBTITLE C REGULATIONS**

APPENDIX I TO PART 260—OVERVIEW OF SUBTITLE C REGULATIONS

The Agency believes that there are many people who suspect, but are not sure, that their activities are subject to control under the RCRA Subtitle C rules. This appendix is written for these people. It is designed to help those who are unfamiliar with the hazardous waste control program to determine with which, if any, of the regulations they should comply.

Definition of Solid Waste

The first question which such a person should ask himself is: "Is the material I handle a solid waste?" If the answer to this question is "No", then the material is not subject to control under RCRA and, therefore, the person need not worry about whether he should comply with the Subtitle C rules.

Section 261.2 of this chapter provides a definition of "solid waste" which expands the statutory definition of that term given in section 1004(27) of RCRA. This definition is diagrammed in Figure 1 below.

Figure 1 explains that all materials are either: (1) Garbage refuse, or sludge; (2) solid, liquid, semi-solid or contained gaseous material; or (3) something else. No materials in the third category are solid waste. All materials in the first category are solid waste. Materials in the second category are solid waste unless they are one of the five exclusions specified in §261.4(a).

Definition of Hazardous Waste

If a person has determined that his material is a "solid waste", the next question he should ask is: "Is the solid waste I handle a hazardous waste?"

Hazardous waste is defined in §261.3 of this chapter. Section 261.3 provides that, in general, a solid waste is a hazardous waste if: (1) It is, or contains, a hazardous waste listed in subpart D of part 261 of this chapter, or (2) the waste exhibits any of the characteristics defined in subpart C of part 261. However, parts 260 and 261 also contain provisions which exclude (§§261.4(b), 260.20, and 260.22) certain solid wastes from the definition of "hazardous waste", even though they are listed in subpart D or exhibit one or more of the characteristics defined in subpart C. Figure 2 depicts the interplay of these special provisions with the definition of "hazardous waste". It presents a series of questions which a person should ask himself concerning his waste. After doing so, the person should be able to determine if the solid waste he handles is a hazardous waste.

Hazardous Waste Regulations

If this is the case, the person should look at Figure 3. Figure 3 depicts the special provisions specified in the final part 261 rules for hazardous waste which:

1. Is generated by a small quantity generator
2. Is or is intended to be legitimately and beneficially used, re-used, recycled, or reclaimed
3. Is a sludge; is listed in part 261, subpart D; or is a mixture containing a waste listed in part 261, subpart D.

For each of these Groups, Figure 3 indicates with which Subtitle C regulations (if any) the person handling these wastes must comply. Figure 3 also explains that, if a person handles hazardous waste which is not included in any one of the above three categories, his waste is subject to the Subtitle C regulations diagrammed in Figure 4.

Figure 4 is a flowchart which identifies the three categories of activities regulated under the Subtitle C rules, and the corresponding set of rules with which people in each of these categories must comply. It points out that all people who handle hazardous waste are either: (1) Generators of hazardous waste, (2) transporters of hazardous waste, (3) owners or operators of hazardous waste treatment, storage, or disposal facilities, or (4) a combination of the above. Figure 4 indicates that all of these people must notify EPA of their hazardous waste activities in accordance with the Section 3010 Notification Procedures (see 45 FR 12746 *et seq.*), and obtain an EPA identification number.

It should be noted that people handling wastes listed in subpart D of part 261 who have filed, or who intend to file an application to exempt their waste from regulation under the Subtitle C rules, must also comply with the notification requirements of section 3010.

If a person generates hazardous waste, Figure 4 indicates that he must comply with the part 262 rules. If he transports it, he must comply with the part 263 rules. The standards in both these parts are designed to ensure, among other things, proper recordkeeping and reporting, the use of a manifest system to track shipments of hazardous waste, the use of proper labels and containers, and the delivery of the waste to a permitted treatment, storage, or disposal facility.

If a person owns or operates a facility which treats, stores, or disposes of hazardous waste, the standards with which he must comply depend on a number of factors. First of all, if the owner or operator of a *storage* facility is also the person who generates the waste, and the waste is stored at the facility for less than 90 days for subsequent shipment off-site, then the person must comply with §262.34 of the part 262 rules.

All other owners or operators of treatment, storage, or disposal facilities must comply with either the part 264 or the part 265 rules. To determine with which of these sets of rules an owner or operator must comply, he must find out whether his facility qualifies for interim status. To qualify, the owner or operator must: (1) Have been treating, storing, or disposing of the hazardous waste, or commenced facility construction on or before October 21, 1976, (2) comply with the section 3010 notification requirements, and (3) apply for a permit under part 270 of this chapter.

If the owner or operator has done all of the above, he qualifies for interim status, and he must comply with the part 265 rules. These rules contain administrative requirements, monitoring and closure standards, and an abbreviated set of technical and closure and post-closure cost estimate requirements. The owner or operator must comply with these standards until final administrative disposition of his permit application is made. If a permit is issued to the owner or operator, he must then comply with the permit which will be based on the part 264 rules.

If the owner or operator has not carried out the above three requirements, he does not qualify for interim status. Until he is issued a permit for his facility, the owner or operator must stop waste management operations (if any) at the facility, and send his hazardous waste (if any) to a facility whose owner or operator has interim status or to a storage facility following the part 262 rules.

In order to apply for a permit, the owner or operator must comply with the procedures specified in part 270 of this chapter.

It should be noted that the Agency will be periodically revising the rules depicted in Figures 3 and 4. All persons are encouraged to write to EPA to verify that the regulations which they are reading are up-to-date. To obtain this verification, contact: Solid Waste Information, U.S. Environmental Protection Agency, 26 West St. Clair Street, Cincinnati, Ohio 45268 (513) 684-5362.



percent requirement is to be applied to each material of the same type (e.g., slags from a single smelting process) that is recycled in the same way (i.e., from which the same material is recovered or that is used in the same way). Materials accumulating in units that would be exempt from regulation under §261.4(c) are not to be included in making the calculation. (Materials that are already defined as solid wastes also are not to be included in making the calculation.) Materials are no longer in this category once they are removed from accumulation for recycling, however.

40 CFR 261.1(c)(9)

(9) "Excluded scrap metal" is processed scrap metal, unprocessed home scrap metal, and unprocessed prompt scrap metal.

[§261.1(c)(9) added at 62 FR 26018, May 12, 1997]

40 CFR 261.1(c)(10)

(10) "Processed scrap metal" is scrap metal which has been manually or physically altered to either separate it into distinct materials to enhance economic value or to improve the handling of materials. Processed scrap metal includes, but is not limited to scrap metal which has been baled, shredded, sheared, chopped, crushed, flattened, cut, melted, or separated by metal type (i.e., sorted), and, fines, drosses and related materials which have been agglomerated. (Note: shredded circuit boards being sent for recycling are not considered processed scrap metal. They are covered under the exclusion from the definition of solid waste for shredded circuit boards being recycled (§261.4(a)(13)).

[§261.1(c)(10) added at 62 FR 26018, May 12, 1997]

40 CFR 261.1(c)(11)

(11) "Home scrap metal" is scrap metal as generated by steel mills, foundries, and refineries such as turnings, cuttings, punchings, and borings.

[§261.1(c)(11) added at 62 FR 26018, May 12, 1997]

40 CFR 261.1(c)(12)

(12) "Prompt scrap metal" is scrap metal as generated by the metal working/fabrication industries and includes such scrap metal as turnings, cuttings, punchings, and borings. Prompt scrap is also known as industrial or new scrap metal.

[§261.1(c)(12) added at 62 FR 26018, May 12, 1997]

40 CFR 261.2 Definition of solid waste.

40 CFR 261.2(a)

(a) (1) A *solid waste* is any discarded material that is not excluded by §261.4(a) or that is not excluded by variance granted under §§260.30 and 260.31.

40 CFR 261.2(a)(2)

(2) A *discarded material* is any material which is:

40 CFR 261.2(a)(2)(i)

(i) *Abandoned*, as explained in paragraph (b) of this section; or

40 CFR 261.2(a)(2)(ii)

(ii) *Recycled*, as explained in paragraph (c) of this section; or

TITLE 40—PROTECTION OF ENVIRONMENTPART 261—IDENTIFICATION AND LISTING OF HAZARDOUS WASTE[2 of 2] Subpart A—General

[2 of 2] Subpart A—General**40 CFR 261.4 Exclusions.**

[§261.4 amended at 56 FR 41176, Aug. 19, 1991; 57 FR 21534, May 20, 1992; 57 FR 27888, June 22, 1992; 57 FR 29220, July 1, 1992; 57 FR 30657, July 10, 1992]

40 CFR 261.4(a)

(a) *Materials which are not solid wastes.* The following materials are not solid wastes for the purpose of this part:

40 CFR 261.4(a)(1)

(1) (i) Domestic sewage; and

40 CFR 261.4(a)(1)(ii)

(ii) Any mixture of domestic sewage and other wastes that passes through a sewer system to a publicly-owned treatment works for treatment. "Domestic sewage" means untreated sanitary wastes that pass through a sewer system.

40 CFR 261.4(a)(2)

(2) Industrial wastewater discharges that are point source discharges subject to regulation under section 402 of the Clean Water Act, as amended.

Comment: This exclusion applies only to the actual point source discharge. It does not exclude industrial wastewaters while they are being collected, stored or treated before discharge, nor does it exclude sludges that are generated by industrial wastewater treatment.

40 CFR 261.4(a)(3)

(3) Irrigation return flows.

40 CFR 261.4(a)(4)

(4) Source, special nuclear or by-product material as defined by the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 *et seq.*

40 CFR 261.4(a)(5)

(5) Materials subjected to in-situ mining techniques which are not removed from the ground as part of the extraction process.

40 CFR 261.4(a)(6)

(6) Pulping liquors (*i.e.*, black liquor) that are reclaimed in a pulping liquor recovery furnace and then reused in the pulping process, unless it is accumulated speculatively as defined in §261.1(c) of this chapter.

40 CFR 261.4(a)(7)

(7) Spent sulfuric acid used to produce virgin sulfuric acid, unless it is accumulated speculatively as defined in §261.1(c) of this chapter.

40 CFR 261.4(a)(8)

(8) Secondary materials that are reclaimed and returned to the original process or processes in which they were generated where they are reused in the production process provided:

40 CFR 261.4(a)(8)(i)

(i) Only tank storage is involved, and the entire process through completion of reclamation is closed by being entirely connected with pipes or other comparable enclosed means of conveyance;

40 CFR 261.4(a)(8)(ii)

(ii) Reclamation does not involve controlled flame combustion (such as occurs in boilers, industrial furnaces, or incinerators);

40 CFR 261.4(a)(8)(iii)

(iii) The secondary materials are never accumulated in such tanks for over twelve months without being reclaimed; and

40 CFR 261.4(a)(8)(iv)

(iv) The reclaimed material is not used to produce a fuel, or used to produce products that are used in a manner constituting disposal.

40 CFR 261.4(a)(9)

(9) (i) Spent wood preserving solutions that have been reclaimed and are reused for their original intended purpose; and

40 CFR 261.4(a)(9)(ii)

(ii) Wastewaters from the wood preserving process that have been reclaimed and are reused to treat wood.

40 CFR 261.4(a)(9)(iii)

(iii) Prior to reuse, the wood preserving wastewaters and spent wood preserving solutions described in paragraphs (a)(9)(i) and (a)(9)(ii) of this section, so long as they meet all of the following conditions:

40 CFR 261.4(a)(9)(iii)(A)

(A) The wood preserving wastewaters and spent wood preserving solutions are reused on-site at water borne plants in the production process for their original intended purpose;

40 CFR 261.4(a)(9)(iii)(B)

(B) Prior to reuse, the wastewaters and spent wood preserving solutions are managed to prevent release to either land or groundwater or both;

40 CFR 261.4(a)(9)(iii)(C)

(C) Any unit used to manage wastewaters and/or spent wood preserving solutions prior to reuse can be visually or otherwise determined to prevent such releases;

40 CFR 261.4(a)(9)(iii)(D)

(D) Any drip pad used to manage the wastewaters and/or spent wood preserving solutions prior to reuse complies with the standards in part 265, subpart W of this chapter, regardless of whether the plant generates a total of less than 100 kg/month of hazardous waste; and

40 CFR 261.4(a)(9)(iii)(E)

(E) Prior to operating pursuant to this exclusion, the plant owner or operator submits to the appropriate Regional Administrator or State Director a one-time notification stating that the plant intends to claim the exclusion, giving the date on which the plant intends to begin operating under the exclusion, and containing the following language: "I have read the applicable regulation establishing an exclusion for wood preserving wastewaters and spent wood preserving solutions and understand it requires me to comply at all times with the conditions set out in the regulation." The plant must maintain a copy of that document in its on-site records for a period of no less than 3 years from the date specified in the notice. The exclusion applies only so long as the plant meets all of the conditions. If the plant goes out of compliance with any condition, it may apply to the appropriate Regional Administrator or State Director for reinstatement. The Regional Administrator or State Director may reinstate the exclusion upon finding that the plant has returned to compliance with all conditions and that violations are not likely to recur.

[§261.4(a)(9)(iii) added at 63 FR 28637, May 26, 1998]

40 CFR 261.4(a)(10)

(10) EPA Hazardous Waste Nos. K060, K087, K141, K142, K143, K144, K145, K147, and K148, and any wastes from the coke by-products processes that are hazardous only because they exhibit the Toxicity Characteristic (TC) specified in section 261.24 of this part, when, subsequent to generation, these materials are recycled to coke ovens, to the tar recovery process as a feedstock to produce coal tar, or are mixed with coal tar prior to the tar's sale or refining. This exclusion is conditioned on there being no land disposal of the wastes from the point they are generated to the point they are recycled to coke ovens or the tar refining processes, or mixed with coal tar.

[§261.4(a)(10) revised at 57 FR 37395, Aug. 18, 1992]

40 CFR 261.4(a)(11)

(11) Nonwastewater splash condenser dross residue from the treatment of K061 in high temperature metals recovery units, provided it is shipped in drums (if shipped) and not land disposed before recovery.

40 CFR 261.4(a)(12)

(12) (i) Oil-bearing hazardous secondary materials (i.e., sludges, byproducts, or spent materials) that are generated at a petroleum refinery (SIC code 2911) and are inserted into the petroleum refining process (SIC code 2911—including, but not limited to, distillation, catalytic cracking, fractionation, or thermal cracking units (i.e., cokers)) unless the material is placed on the land, or speculatively accumulated before being so recycled. Materials inserted into thermal cracking units are excluded under this paragraph, provided that the coke product also does not exhibit a characteristic of hazardous waste. Oil-bearing hazardous secondary materials may be inserted into the same petroleum refinery where they are generated, or sent directly to another petroleum refinery, and still be excluded under this provision. Except as provided in paragraph (a)(12)(ii) of this section, oil-bearing hazardous secondary materials generated elsewhere in the petroleum industry (i.e., from sources other than petroleum refineries) are not excluded under this section. Residuals generated from processing or recycling materials excluded under this paragraph (a)(12)(i), where such materials as generated would have otherwise met a listing under subpart D of this part, are designated as F037 listed wastes when disposed of or intended for disposal.

40 CFR 261.4(a)(12)(ii)

(ii) Recovered oil that is recycled in the same manner and with the same conditions as described in paragraph (a)(12)(i) of this section. Recovered oil is oil that has been reclaimed from secondary materials (including wastewater) generated from normal petroleum industry practices, including refining, exploration and production, bulk storage, and transportation incident thereto (SIC codes 1311, 1321, 1381, 1382, 1389, 2911, 4612, 4613, 4922, 4923, 4789, 5171, and 5172.) Recovered oil does not include oil-bearing hazardous wastes listed in subpart D of this part; however, oil recovered from such wastes may be considered recovered oil. Recovered oil does not include used oil as defined in 40 CFR 279.1.

[§261.4(a)(12) added at 59 FR 38545, July 28, 1994; amended at 61 FR 13106, March 26, 1996; revised at 63 FR 42184, Aug. 6, 1998; corrected at 63 FR 54356, Oct. 9, 1998]

40 CFR 261.4(a)(13)

(13) Excluded scrap metal (processed scrap metal, unprocessed home scrap metal, and unprocessed prompt scrap metal) being recycled.

[§261.4(a)(13) added at 62 FR 26019, May 12, 1997]

40 CFR 261.4(a)(14)

(14) Shredded circuit boards being recycled provided that they are:

40 CFR 261.4(a)(14)(i)

(i) Stored in containers sufficient to prevent a release to the environment prior to recovery; and

40 CFR 261.4(a)(14)(ii)

(ii) Free of mercury switches, mercury relays and nickel-cadmium batteries and lithium batteries.

[§261.4(a)(14) added at 62 FR 26019, May 12, 1997]

40 CFR 261.4(a)(15)

(15) Condensates derived from the overhead gases from kraft mill steam strippers that are used to comply with 40 CFR 63.446(e). The exemption applies only to combustion at the mill generating the condensates.

[§261.4(a)(15) added at 63 FR 18635, April 15, 1998]

40 CFR 261.4(a)(16)

(16) Comparable fuels or comparable syngas fuels (i.e., comparable/syngas fuels) that meet the requirements of §261.38.

[The second §261.4(a)(16) added at 63 FR 33823, June 19, 1998]

40 CFR 261.4(a)(17)

(17) Secondary materials (i.e., sludges, by-products, and spent materials as defined in §261.1) (other than hazardous wastes listed in subpart D of this part) generated within the primary mineral processing industry from which minerals, acids, cyanide, water or other values are recovered by mineral processing or by beneficiation, provided that:

[§261.4(a)(16) added at 63 FR 28637, May 26, 1998; redesignated and amended as new (17) and amends introductory text at 64 FR 25414, May 11, 1999]

40 CFR 261.4(a)(17)(i)

(i) The secondary material is legitimately recycled to recover minerals, acids, cyanide, water or other values;

40 CFR 261.4(a)(17)(ii)

(ii) The secondary material is not accumulated speculatively;

40 CFR 261.4(a)(17)(iii)

(iii) Except as provided in paragraph (a)(15)(iv) of this section, the secondary material is stored in tanks, containers, or buildings meeting the following minimum integrity standards: a building must be an engineered structure with a floor, walls, and a roof all of which are made of non-earthen materials providing structural support (except smelter buildings may have partially earthen floors provided the secondary material is stored on the non-earthen portion), and have a roof suitable for diverting rainwater away from the foundation; a tank must be free standing, not be a surface impoundment (as defined in 40 CFR 260.10), and be manufactured of a material suitable for containment of its contents; a container must be free standing and be manufactured of a material suitable for containment of its contents. If tanks or containers contain any particulate which may be subject to wind dispersal, the owner/operator must operate these units in a manner which controls fugitive dust. Tanks, containers, and buildings must be designed, constructed and operated to prevent significant releases to the environment of these materials.

40 CFR 261.4(a)(17)(iv)

(iv) The Regional Administrator or the State Director may make a site-specific determination, after public review and comment, that only solid mineral processing secondary materials may be placed on pads, rather than in tanks, containers, or buildings. Solid mineral processing secondary materials do not contain any free liquid. The decision-maker must affirm that pads are designed, constructed and operated to prevent significant releases of the secondary material into the environment. Pads must provide the same degree of containment afforded by the non-RCRA tanks, containers and buildings eligible for exclusion.

40 CFR 261.4(a)(17)(iv)(A)

(A) The decision-maker must also consider if storage on pads poses the potential for significant releases via groundwater, surface water, and air exposure pathways. Factors to be considered for assessing the groundwater, surface water, air exposure pathways are: the volume and physical and chemical properties of the secondary material, including its potential for migration off the pad; the potential for human or environmental exposure to hazardous constituents migrating from the pad via each exposure pathway, and the possibility and extent of harm to human and environmental receptors via each exposure pathway.

40 CFR 261.4(a)(17)(iv)(B)

(B) Pads must meet the following minimum standards: be designed of non-earthen material that is compatible with the chemical nature of the mineral processing secondary material, capable of withstanding physical stresses associated with placement and removal, have run on/runoff controls, be operated in a manner which controls fugitive dust, and have integrity assurance through inspections and maintenance programs.

40 CFR 261.4(a)(17)(iv)(C)

(C) Before making a determination under this paragraph, the Regional Administrator or State Director must provide notice and the opportunity for comment to all persons potentially interested in the determination. This can be accomplished by placing notice of this action in major local newspapers, or broadcasting notice over local radio stations.

40 CFR 261.4(a)(17)(v)

(v) The owner or operator provides a notice to the Regional Administrator or State Director, identifying the following information: the types of materials to be recycled; the type and location of the storage units and recycling processes; and the annual quantities expected to be placed in non land-based units. This notification must be updated when there is a change in the type of materials recycled or the location of the recycling process.

[New §261.4(a)(17)(v) amended at 64 FR 25414, May 11, 1999]

40 CFR 261.4(a)(17)(vi)

(vi) For purposes of §261.4(b)(7), mineral processing secondary materials must be the result of mineral processing and may not include any listed hazardous wastes. Listed hazardous wastes and characteristic hazardous wastes generated by non-mineral processing industries are not eligible for the conditional exclusion from the definition of solid waste.

40 CFR 261.4(a)(18)

(18) Petrochemical recovered oil from an associated organic chemical manufacturing facility, where the oil is to be inserted into the petroleum refining process (SIC code 2911) along with normal petroleum refinery process streams, provided:

40 CFR 261.4(a)(18)(i)

(i) The oil is hazardous only because it exhibits the characteristic of ignitability (as defined in §261.21) and/or toxicity for benzene (§261.24, waste code D018); and

40 CFR 261.4(a)(18)(ii)

(ii) The oil generated by the organic chemical manufacturing facility is not placed on the land, or speculatively accumulated before being recycled into the petroleum refining process. An "associated organic chemical manufacturing facility" is a facility where the primary SIC code is 2869, but where operations may also include SIC codes 2821, 2822, and 2865; and is physically co-located with a petroleum refinery; and where the petroleum refinery to which the oil being recycled is returned also provides hydrocarbon feedstocks to the organic chemical manufacturing facility. "Petrochemical recovered oil" is oil that has been reclaimed from secondary materials (i.e., sludges, byproducts, or spent materials, including wastewater) from normal organic chemical manufacturing operations, as well as oil recovered from organic chemical manufacturing processes.

[§261.4(a)(18) added at 63 FR 42185, Aug. 6, 1998; corrected at 63 FR 54356, Oct. 9, 1998]

40 CFR 261.4(a)(19)

(19) Spent caustic solutions from petroleum refining liquid treating processes used as a feedstock to produce cresylic or naphthenic acid unless the material is placed on the land, or accumulated speculatively as defined in §261.1(c).

[§261.4(a)(19) added at 63 FR 42185, Aug. 6, 1998; corrected at 63 FR 54356, Oct. 9, 1998]

TITLE 40—PROTECTION OF ENVIRONMENT**PART 261—IDENTIFICATION AND LISTING OF HAZARDOUS WASTE****[1 of 3] Subpart D—Lists of Hazardous Wastes****[1 of 3] Subpart D—Lists of Hazardous Wastes****Latest Changes****Analysis - Water****Analysis - Waste****40 CFR 261.30 General.****40 CFR 261.30(a)**

(a) A solid waste is a hazardous waste if it is listed in this subpart, unless it has been excluded from this list under §§260.20 and 260.22.

40 CFR 261.30(b)

(b) The Administrator will indicate his basis for listing the classes or types of wastes listed in this subpart by employing one or more of the following Hazard Codes:

Ignitable Waste.....	(I)	
Corrosive Waste.....	(C)	
Reactive Waste.....	(R)	
Toxicity Characteristic Waste.....	(E)	
Acute Hazardous Waste.....	(H)	
Toxic Waste.....	(T)	

Appendix VII identifies the constituent which caused the Administrator to list the waste as a Toxicity Characteristic Waste (E) or Toxic Waste (T) in §§261.31 and 261.32.

40 CFR 261.30(c)

(c) Each hazardous waste listed in this subpart is assigned an EPA Hazardous Waste Number which precedes the name of the waste. This number must be used in complying with the notification requirements of Section 3010 of the Act and certain recordkeeping and reporting requirements under parts 262 through 265, 268, and part 270 of this chapter.

40 CFR 261.30(d)

(d) The following hazardous wastes listed in §261.31 or §261.32 are subject to the exclusion limits for acutely hazardous wastes established in §261.5: EPA Hazardous Wastes Nos. FO20, FO21, FO22, FO23, FO26, and FO27.

40 CFR 261.31 Hazardous wastes from non- specific sources.**40 CFR 261.31(a)**

(a) The following solid wastes are listed hazardous wastes from non-specific sources unless they are excluded under §§260.20 and 260.22 and listed in appendix IX.

Industry and EPA hazardous waste No.	Hazardous waste	Hazard code
Generic: F001.....	The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	(T)
F002.....	The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	(T)
F003.....	The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or	(I) *

TITLE 40—PROTECTION OF ENVIRONMENTPART 260—HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERALSubpart C—Rulemaking Petitions

Subpart C—Rulemaking Petitions**Latest Changes** **Analysis - Waste****40 CFR 260.20 General.****40 CFR 260.20(a)**

(a) Any person may petition the Administrator to modify or revoke any provision in parts 260 through 266, 268 and 273 of this chapter. This section sets forth general requirements which apply to all such petitions. Section 260.21 sets forth additional requirements for petitions to add a testing or analytical method to part 261, 264 or 265 of this chapter. Section 260.22 sets forth additional requirements for petitions to exclude a waste or waste-derived material at a particular facility from §261.3 of this chapter or the lists of hazardous wastes in subpart D of part 261 of this chapter. Section 260.23 sets forth additional requirements for petitions to amend part 273 of this chapter to include additional hazardous wastes or categories of hazardous waste as universal waste.

[§260.20(a) amended at 57 FR 38564, Aug. 25, 1992; 60 FR 25539, May 11, 1995]

40 CFR 260.20(b)

(b) Each petition must be submitted to the Administrator by certified mail and must include:

40 CFR 260.20(b)(1)

(1) The petitioner's name and address;

40 CFR 260.20(b)(2)

(2) A statement of the petitioner's interest in the proposed action;

40 CFR 260.20(b)(3)

(3) A description of the proposed action, including (where appropriate) suggested regulatory language; and

40 CFR 260.20(b)(4)

(4) A statement of the need and justification for the proposed action, including any supporting tests, studies, or other information.

40 CFR 260.20(c)

(c) The Administrator will make a tentative decision to grant or deny a petition and will publish notice of such tentative decision, either in the form of an advanced notice of proposed rulemaking, a proposed rule, or a tentative determination to deny the petition, in the FEDERAL REGISTER for written public comment.

40 CFR 260.20(d)

(d) Upon the written request of any interested person, the Administrator may, at his discretion, hold an informal public hearing to consider oral comments on the tentative decision. A person requesting a hearing must state the issues to be raised and explain why written comments would not suffice to communicate the person's views. The Administrator may in any case decide on his own motion to hold an informal public hearing.

40 CFR 260.20(e)

(e) After evaluating all public comments the Administrator will make a final decision by publishing in the FEDERAL REGISTER a regulatory amendment or a denial of the petition.

40 CFR 260.21 Petitions for equivalent testing or analytical methods.

40 CFR 260.21(a)

(a) Any person seeking to add a testing or analytical method to part 261, 264, or 265 of this chapter may petition for a regulatory amendment under this section and §260.20. To be successful, the person must demonstrate to the satisfaction of the Administrator that the proposed method is equal to or superior to the corresponding method prescribed in part 261, 264, or 265 of this chapter, in terms of its sensitivity, accuracy, and precision (i.e., reproducibility).

40 CFR 260.21(b)

(b) Each petition must include, in addition to the information required by §260.20(b):

40 CFR 260.21(b)(1)

(1) A full description of the proposed method, including all procedural steps and equipment used in the method;

40 CFR 260.21(b)(2)

(2) A description of the types of wastes or waste matrices for which the proposed method may be used;

40 CFR 260.21(b)(3)

(3) Comparative results obtained from using the proposed method with those obtained from using the relevant or corresponding methods prescribed in part 261, 264, or 265 of this chapter;

40 CFR 260.21(b)(4)

(4) An assessment of any factors which may interfere with, or limit the use of, the proposed method; and

40 CFR 260.21(b)(5)

(5) A description of the quality control procedures necessary to ensure the sensitivity, accuracy and precision of the proposed method.

40 CFR 260.21(c)

(c) After receiving a petition for an equivalent method, the Administrator may request any additional information on the proposed method which he may reasonably require to evaluate the method.

40 CFR 260.21(d)

(d) If the Administrator amends the regulations to permit use of a new testing method, the method will be incorporated in "Test Methods for the Evaluation of Solid Waste: Physical/Chemical Methods," SW-846, U.S. Environmental Protection Agency, Office of Solid Waste, Washington, DC 20460.

40 CFR 260.22 Petitions to amend part 261 to exclude a waste produced at a particular facility.

40 CFR 260.22(a)

(a) Any person seeking to exclude a waste at a particular generating facility from the lists in subpart D of part 261 may petition for a regulatory amendment under this section and §260.20. To be successful:

40 CFR 260.22(a)(1)

(1) The petitioner must demonstrate to the satisfaction of the Administrator that the waste produced by a particular generating facility does not meet any of the criteria under which the waste was listed as a hazardous or an acutely hazardous waste; and

40 CFR 260.22(a)(2)

(2) Based on a complete application, the Administrator must determine, where he has a reasonable basis to believe that factors (including additional constituents) other than those for which the waste was listed could cause the waste to be a hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste. A waste which is so excluded, however, still may be a hazardous waste by operation of subpart C of part 261.

40 CFR 260.22(b)

(b) The procedures in this Section and §260.20 may also be used to petition the Administrator for a regulatory amendment to exclude from §261.3(a)(2)(ii) or (c), a waste which is described in these Sections and is either a waste listed in subpart D, or is derived from a waste listed in subpart D. This exclusion may only be issued for a particular generating, storage, treatment, or disposal facility. The petitioner must make the same demonstration as required by paragraph (a) of this section. Where the waste is a mixture of solid waste and one or more listed hazardous wastes or is derived from one or more hazardous wastes, his demonstration must be made with respect to the waste mixture as a whole; analyses must be conducted for not only those constituents for which the listed waste contained in the mixture was listed as hazardous, but also for factors (including additional constituents) that could cause the waste mixture to be a hazardous waste. A waste which is so excluded may still be a hazardous waste by operation of subpart C of part 261.

40 CFR 260.22(c)

(c) If the waste is listed with codes "I", "C", "R", or "E", in subpart D,

40 CFR 260.22(c)(1)

(1) The petitioner must show that the waste does not exhibit the relevant characteristic for which the waste was listed as defined in §261.21, §261.22, §261.23, or §261.24 using any applicable methods prescribed therein. The petitioner also must show that the waste does not exhibit any of the other characteristics defined in §261.21, §261.22, §261.23, or §261.24 using any applicable methods prescribed therein;

40 CFR 260.22(c)(2)

(2) Based on a complete application, the Administrator must determine, where he has a reasonable basis to believe that factors (including additional constituents) other than those for which the waste was listed could cause the waste to be hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste. A waste which is so excluded, however, still may be a hazardous waste by operation of subpart C of part 261.

40 CFR 260.22(d)

(d) If the waste is listed with code "T" in subpart D,

40 CFR 260.22(d)(1)

(1) The petitioner must demonstrate that the waste:

40 CFR 260.22(d)(1)(i)

(i) Does not contain the constituent or constituents (as defined in Appendix VII of part 261 of this chapter) that caused the Administrator to list the waste, using the appropriate test methods prescribed in "Test y Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA Publication SW-846, as incorporated by reference in §260.11; or

[§260.22(d)(1)(i) revised at 58 FR 46049, Aug. 31, 1993]

40 CFR 260.22(d)(1)(ii)

(ii) Although containing one or more of the hazardous constituents (as defined in appendix VII of part 261) that caused the Administrator to list the waste, does not meet the criterion of §261.11(a)(3) when considering the factors used by the Administrator in §261.11(a)(3) (i) through (xi) under which the waste was listed as hazardous; and

40 CFR 260.22(d)(2)

(2) Based on a complete application, the Administrator must determine, where he has a reasonable basis to believe that factors (including additional constituents) other than those for which the waste was listed could cause the waste to be a hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste; and

40 CFR 260.22(d)(3)

(3) The petitioner must demonstrate that the waste does not exhibit any of the characteristics defined in §261.21, §261.22, §261.23, and §261.24 using any applicable methods prescribed therein;

40 CFR 260.22(d)(4)

(4) A waste which is so excluded, however, still may be a hazardous waste by operation of subpart C of part 261.

40 CFR 260.22(e)

(e) If the waste is listed with the code "H" in subpart D,

40 CFR 260.22(e)(1)

(1) The petitioner must demonstrate that the waste does not meet the criterion of §261.11(a)(2); and

40 CFR 260.22(e)(2)

(2) Based on a complete application, the Administrator must determine, where he has a reasonable basis to believe that additional factors (including additional constituents) other than those for which the waste was listed could cause the waste to be a hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste; and

40 CFR 260.22(e)(3)

(3) The petitioner must demonstrate that the waste does not exhibit any of the characteristics defined in §261.21, §261.22, §261.23, and §261.24 using any applicable methods prescribed therein;

40 CFR 260.22(e)(4)

(4) A waste which is so excluded, however, still may be a hazardous waste by operation of subpart C of part 261.

40 CFR 260.22(f)

(f) [Reserved for listing radioactive wastes.]

40 CFR 260.22(g)

(g) [Reserved for listed infectious wastes.]

40 CFR 260.22(h)

(h) Demonstration samples must consist of enough representative samples, but in no case less than four samples, taken over a period of time sufficient to represent the variability or the uniformity of the waste.

40 CFR 260.22(i)

(i) Each petition must include, in addition to the information required by §260.20(b):

40 CFR 260.22(i)(1)

(1) The name and address of the laboratory facility performing the sampling or tests of the waste;

40 CFR 260.22(i)(2)

(2) The names and qualifications of the persons sampling and testing the waste;

40 CFR 260.22(i)(3)

(3) The dates of sampling and testing;

40 CFR 260.22(i)(4)

(4) The location of the generating facility;

40 CFR 260.22(i)(5)

(5) A description of the manufacturing processes or other operations and feed materials producing the waste and an assessment of whether such processes, operations, or feed materials can or might produce a waste that is not covered by the demonstration;

40 CFR 260.22(i)(6)

(6) A description of the waste and an estimate of the average and maximum monthly and annual quantities of waste covered by the demonstration;

40 CFR 260.22(i)(7)

(7) Pertinent data on and discussion of the factors delineated in the respective criterion for listing a hazardous waste, where the demonstration is based on the factors in §261.11(a)(3);

40 CFR 260.22(i)(8)

(8) A description of the methodologies and equipment used to obtain the representative samples;

40 CFR 260.22(i)(9)

(9) A description of the sample handling and preparation techniques, including techniques used for extraction, containerization and preservation of the samples;

40 CFR 260.22(i)(10)

(10) A description of the tests performed (including results);

40 CFR 260.22(i)(11)

(11) The names and model numbers of the instruments used in performing the tests; and

40 CFR 260.22(i)(12)

(12) The following statement signed by the generator of the waste or his authorized representative:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this demonstration and all attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. "

40 CFR 260.22(j)

(j) After receiving a petition for an exclusion, the Administrator may request any additional information which he may reasonably require to evaluate the petition.

40 CFR 260.22(k)

(k) An exclusion will only apply to the waste generated at the individual facility covered by the demonstration and will not apply to waste from any other facility.

40 CFR 260.22(l)

(l) The Administrator may exclude only part of the waste for which the demonstration is submitted where he has reason to believe that variability of the waste justifies a partial exclusion.

40 CFR 260.23 Petitions to amend 40 CFR part 273 to include additional hazardous wastes.

[§260.23 added at 60 FR 25539, May 11, 1995]

40 CFR 260.23(a)

(a) Any person seeking to add a hazardous waste or a category of hazardous waste to the universal waste regulations of part 273 of this chapter may petition for a regulatory amendment under this section, 40 CFR 260.20, and subpart G of 40 CFR part 273.

40 CFR 260.23(b)

(b) To be successful, the petitioner must demonstrate to the satisfaction of the Administrator that regulation under the universal waste regulations of 40 CFR part 273: Is appropriate for the waste or category of waste; will improve management practices for the waste or category of waste; and will improve implementation of the hazardous waste program. The petition must include the information required by 40 CFR 260.20(b). The petition should also address as many of the factors listed in 40 CFR 273.81 as are appropriate for the waste or category of waste addressed in the petition.

REFERENCE 30

Applied Hydrogeology

Third Edition

C. W. Fetter

University of Wisconsin—Oshkosh



PRENTICE HALL, Upper Saddle River, New Jersey 07458

C.W. FETTER _____

APPLIED HYDROGEOLOGY

Third Edition

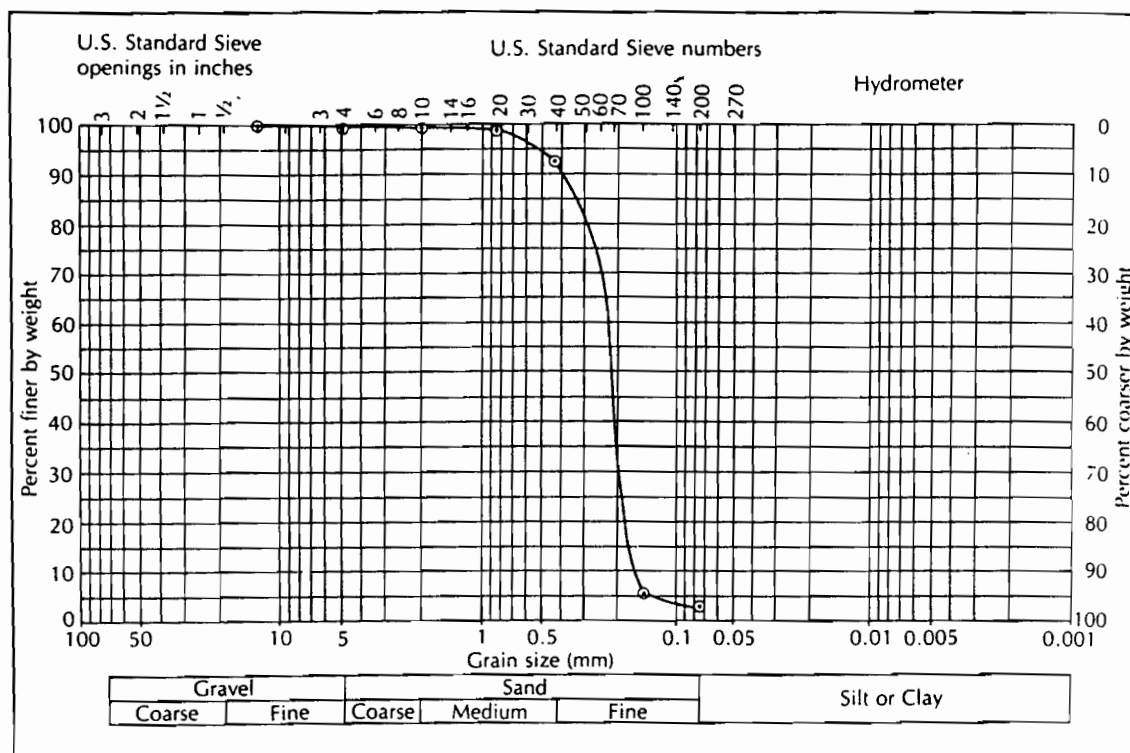


FIGURE 4.5 Grain-size distribution curve of a fine sand.

The general range of porosity that can be expected for some typical sediments is listed in Table 4.3.

4.2.3 Porosity of Sedimentary Rocks

Sedimentary rocks are formed from sediments through a process known as **diagenesis**. A sediment, which may be either a product of weathering or a chemically precipitated material, is buried. The weight of overlying materials and physicochemical reactions with fluids in the pore spaces induce changes in the

TABLE 4.3 Porosity ranges for sediments

Well-sorted sand or gravel	25–50%
Sand and gravel, mixed	20–35%
Glacial till	10–20%
Silt	35–50%
Clay	33–60%

Based on Meinzer (1923a); Davis (1969); Cohen (1965); and MacCary and Lambert (1962).

TABLE 4.6 Ranges of intrinsic permeabilities and hydraulic conductivities for unconsolidated sediments

Material	Intrinsic Permeability (darcys)	Hydraulic Conductivity (cm/s)
Clay	10^{-6} – 10^{-3}	10^{-9} – 10^{-6}
Silt, sandy silts, clayey sands, till	10^{-3} – 10^{-1}	10^{-6} – 10^{-4}
Silty sands, fine sands	10^{-2} –1	10^{-5} – 10^{-3}
Well-sorted sands, glacial outwash	1– 10^2	10^{-3} – 10^{-1}
Well-sorted gravel	10 – 10^3	10^{-2} –1

4.4.3 Permeability of Sediments

Unconsolidated coarse-grained sediments represent some of the most prolific producers of ground water. Likewise, clays are often used for engineering purposes, such as lining solid-waste disposal sites, because of their extremely low intrinsic permeability. There is obviously a wide-ranging continuum of permeability values for unconsolidated sediments (Table 4.6).

The intrinsic permeability is a function of the size of the pore opening. The smaller the size of the sediment grains, the larger the surface area the water contacts (Figure 4.13). This increases the frictional resistance to flow, which reduces the intrinsic permeability. For well-sorted sediments, the intrinsic permeability is proportional to the grain size of the sediment (Norris & Fidler 1965).

For sand-sized alluvial deposits, several factors relating intrinsic permeability to grain size have been noted (Masch & Denny 1966). These observations would hold true for all sedimentary deposits, regardless of origin of deposition.

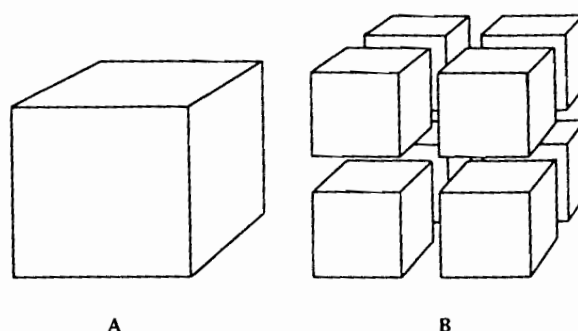


FIGURE 4.13 Relationship of sediment grain size to surface area of pore space. **A.** A cube of sediment with a surface area of 6 square units. **B.** The cube has been broken into 8 smaller cubes, each with a diameter of one-half of the cube in part A. The surface area has increased to 18 square units—an increase of 100%.

REFERENCE 31

BY LAR DATE 11/02/99

LAWLER, MATUSKY & SKELLY ENGINEERS

ENVIRONMENTAL SCIENCE & ENGINEERING CONSULTANTS

ONE BLUE HILL PLAZA
POST OFFICE BOX 1509
PEARL RIVER, NEW YORK 10965

SHEET NO. 1 OF 1

JOB NO. 1050-716

SUBJECT

Camarda Cleaners
Quantity of Contaminated Groundwater

- estimated areal extent: $110' \times 100' = 11,000 \text{ ft}^2$
 $= 0.25 \text{ acres.}$

- depth to bedrock (maximum depth of contamination)
 $\sim 12 \text{ ft (bgs)}$

- depth to groundwater table $\sim 5 \text{ to } 7 \text{ ft}$
 $\text{say } \sim 6 \text{ ft.}$

- $\therefore$ maximum depth of contaminated water:
 $12 - 6 = 6 \text{ ft.}$

- volume of contaminated area:

$$(11,000 \text{ ft}^2)(6 \text{ ft}) = 66,000 \text{ ft}^3$$
$$= 493,714 \text{ gallons}$$
$$\sim 495,000 \text{ gallons.}$$

- estimate porosity to be approximately 40%.
(ref #17).

- volume of contaminated groundwater:

$$(495,000 \text{ gal})(0.40) = 198,000 \text{ gallons.}$$
$$\sim 200,000 \text{ gallons.}$$

REFERENCE 32

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STATE OF NEW YORK

DEPARTMENT OF CONSERVATION

WATER RESOURCES COMMISSION

NEW YORK STATE LIBRARY

JUN 21 1963

GOVERNMENT DOCUMENTS

Ground-Water Studies in Saratoga County, New York

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R. C. Heath, F. K. Mack, and J. A. Tannenbaum
Geologists, U. S. Geological Survey



Prepared by the
U. S. GEOLOGICAL SURVEY
in cooperation with the
NEW YORK WATER RESOURCES COMMISSION,
U. S. ATOMIC ENERGY COMMISSION,
and the
U. S. NATIONAL PARK SERVICE

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BULLETIN GW-49
ALBANY, N. Y.

1963

STATE OF NEW YORK
DEPARTMENT OF CONSERVATION
WATER RESOURCES COMMISSION

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Ground-Water Studies in Saratoga County, New York

By
R. C. Heath, F. K. Mack, and J. A. Tannenbaum
Geologists, U. S. Geological Survey



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BULLETIN GW-49
ALBANY, N. Y.

1963

SUMMARY OF GROUND-WATER CONDITIONS IN SARATOGA COUNTY

Ground water is used extensively in Saratoga County to supply domestic and farm needs. It is also used by a few commercial establishments and small industries. Ground-water supplies in the county are obtained largely from wells although a substantial number are still obtained from springs. Wells draw water either from bedrock or from unconsolidated deposits overlying bedrock.

The bedrock underlying the county consists of granite, gneiss, and other crystalline igneous and metamorphic rocks in the northwestern and north-central parts and shale in the eastern and southern parts. Lying between the crystalline rocks to the northwest and the shale to the southeast is a relatively narrow belt across the central part of the county that is underlain by sandstone, limestone, and dolomite.

Wells drawing from bedrock are generally cased through the unconsolidated deposits and are uncased in bedrock. The average yield of bedrock wells in the county ranges from about 6 gpm in the crystalline rocks to about 31 gpm in the limestone and dolomite (carbonate rocks). Water in quantities adequate for domestic needs can be obtained from bedrock in most parts of the county from wells that penetrate the rocks to a depth of 100 to 200 feet. The greatest difficulty is in obtaining water from the crystalline rocks, especially on the higher hills in the northwestern part of the county.

Unconsolidated deposits overlie the bedrock in most parts of the county. The three principal types of deposits are till, clay, and sand and gravel. In the western and central parts of the county the unconsolidated deposits consist largely of till, an unsorted mixture of rock fragments ranging in size from clay to huge boulders. The till is not a productive water-bearing deposit. However, in most places it will yield sufficient water for small domestic needs to large-diameter dug wells.

In some of the larger valleys in the western part of the county and in much of the eastern part of the county the unconsolidated deposits consist of sand and gravel or sand. These deposits are the most productive sources of water in the county. In parts of the stream valleys in the central part of the county deposits of sand and gravel will yield more than 750 gpm to screened wells. The deposits of sand and gravel and sand in the eastern part of the county are not generally as productive as the valley deposits. However, the sand and gravel deposits are capable of yielding 50 gpm and more to screened wells in many areas.

Much of the eastern part of the county is underlain by clay and silt. The clay and silt is at the surface in the lower areas and underlies the deposits of sand in much of the remainder of the area. Water in usable quantities cannot be obtained from the clay and silt. In those areas in which clay and silt is the only unconsolidated deposit ground water can be obtained only from bedrock wells.

GEOLOGY AND GROUND WATER

Saratoga County is underlain by two distinctly different types of "rock". Most of the surface is composed of a layer of unconsolidated deposits (also erroneously termed "soil") ranging in thickness from a few feet on some hills to more than 100 feet in parts of the lowlands adjacent to the Hudson and Mohawk Rivers. The layer of unconsolidated deposits is underlain everywhere in the county by consolidated rocks (also termed "bedrock") thousands of feet thick. Where the unconsolidated deposits are absent consolidated rocks form the surface. Both the unconsolidated deposits and the consolidated rocks are divisible into several different units. The subdivision of either may be based, depending on the objective of a particular study, on several different criteria. For instance, the rocks underlying most areas are of different ages and in certain geologic studies the principal subdivision is based on age. In other studies, as for example in studies of the occurrence and availability of ground water, unconsolidated deposits are generally subdivided on the basis of grain size and degree of sorting, and consolidated rocks are subdivided on the basis of type of openings and mineral composition.

From the standpoint of the availability of ground water, the unconsolidated deposits in Saratoga County are divided into (1) nonstratified deposits (till), (2) coarse-grained stratified deposits (sand and gravel), and (3) fine-grained stratified deposits (silt and clay). The geologic and water-bearing characteristics of each of these are described in the section titled "Unconsolidated Deposits."

Also from the standpoint of the availability of ground water, the consolidated rocks in Saratoga County are divided into (1) crystalline rocks, (2) sandstone, (3) carbonate rocks (limestone and dolomite), and (4) shale. The geologic and water-bearing characteristics of each of these are described in the section titled "Consolidated Rocks."

The following discussions of the water-bearing characteristics of the different rock units in Saratoga County are based on records of selected water wells and test holes. These records are tabulated in table 1-3. The locations of the wells are shown in figures 1-5, 11-4, and 111-1.

Unconsolidated Deposits

Most of the veneer of unconsolidated deposits in Saratoga County was laid down by sheets of ice thousands of feet thick that invaded the area from the north several times during the last million years. The last ice sheet to cover the county may have existed as recently as 10,000 to 15,000 years ago. As the ice sheets advanced over the county they carried soil and rock debris (some of which was derived from areas considerably north of the county and some from the rocks within the county). Some of the soil and rock debris was deposited, both during the advance of the ice and during its retreat (melting), as a blanket of unsorted material called "till." This blanket of till exists today on most hills and in some lowland areas, relatively little altered by weathering or other geologic processes. In some stream valleys in the northwestern part of the county and in most of the lowlands adjacent to the Hudson and Mohawk Rivers, the blanket of till was reworked by streams carrying water derived from the melting ice sheet. The material reworked by the streams was deposited in strata (layers) in and

adjacent to the channels and in lakes into which the streams flowed. Where the stream velocities were high, predominantly large grains were deposited, forming layers referred to as a coarse-grained stratified deposit or, more simply, as sand and gravel. Where the velocities were relatively low, as in the lakes, small grains were deposited, forming layers referred to as a fine-grained stratified deposit or, more simply, as clay and silt.

A soils map of Saratoga County (Maxon, 1919) forms the basis for figure 1-3, a generalized map of the unconsolidated deposits. The soils map was modified on the basis of data obtained during the well survey and after comparison with glacial maps of Stoller (1911, 1916, 1918). The deposits in the West Milton area were mapped by Simpson and Mack (Mack and others, fig. 4), and are shown in figure 11-5.

Ground water occurs in unconsolidated deposits in the pore spaces between the grains. The amount of water stored in a given volume (for instance, in one cubic foot of material) depends on the porosity - or the percent of the total volume occupied by pores. Porosity depends largely on the degree of sorting and the shape of the grains composing a deposit. Thus, those parts of the sand and gravel deposits which are composed largely of rounded grains of about the same diameter have a porosity of 25 to 35 percent. On the other hand, till, which consists of a mixture of rock particles of widely different shapes and sizes, has a porosity of 5 to 15 percent.

However, the mere presence of water in the pore spaces of a deposit is no assurance that the water can be withdrawn through wells. The ability of a deposit to transmit water is termed "permeability" and is dependent on size, shape, and interconnection of the pores and other openings. Because the smaller particles in till effectively fill the openings that would otherwise exist between the larger particles, the permeability of till is relatively low. On the other hand, a uniformly grained sand and gravel deposit has a high permeability. Permeability is usually expressed quantitatively as the number of gallons a day that will flow through a square foot of material under a hydraulic gradient of 100 percent. The permeability of a well-compacted till may be as low as 0.0002 gpd/ft² while many sand and gravel deposits have permeabilities of more than 1,000 gpd/ft².

Till

Till is the principal unconsolidated deposit in the western two-thirds of the county (fig. 1-3). It also underlies a large area between Saratoga Lake and the Hudson River. Small unmapped exposures of consolidated rocks occur at numerous places, particularly on the steeper hillsides in the northwestern part of the county, in the areas shown in figure 1-3 as being underlain by till. Till which is locally referred to as "hardpan" consists chiefly of an unsorted mixture of rock particles ranging in diameter from less than 0.0001 inch (clay) to several feet (boulders). At places the till encloses thin lenses of well-sorted sand. The till penetrated by wells listed in table 1-3 ranges in thickness from zero at bedrock outcrops to about 70 feet in well Sa 243. Well Sa 1028T penetrated till from the surface to a depth of 65 feet and from 160 feet to 218 feet. The till was separated between depths of 65 and 160 feet by clay and sand.

Because of the low permeability of till, water in quantities adequate for household needs can be obtained only from large-diameter wells. Normally wells drawing from till are dug with hand tools and are finished with a curbing of stone laid with open joints. The average depth of the 98 wells listed in table 1-3 that draw water from till, is 17 feet. These wells range in depth from 5 to 70 feet (table 1-1). The large diameter of such wells provides a large area through which water can percolate into the well and a large volume for the storage of water between periods of use. The yields of dug wells vary widely. The more productive wells probably derive water largely from thin sand lenses in the till. Most wells drawing from till will yield only a few hundred gallons of water a day. The yield of many wells in till declines drastically during the late summer and early fall owing to the seasonal decline of the water table. During those summers when precipitation is deficient many wells in till go dry entirely. Deepening such wells would, in many cases, provide sufficient water to see the owner through the dry period. The only solution in other cases is to develop an additional source of supply (for example, by constructing a drilled well into the underlying consolidated rock).

Table 1-1.--Depths of water wells

Water-bearing material	Common type of well	Depth (feet)			Number of wells
		Average	Shallowest	Deepest	
Till	Dug	17	5	70	98
Sand	Driven	20	6	31	36
Sand and gravel	Drilled	80	17	145	25
Bedrock	Drilled	176	23	675	62

Sand and Gravel

Stratified deposits of sand and gravel underlie large areas in the eastern part of the county. They also underlie parts of the stream valleys in other parts of the county (fig. 1-3). These deposits are predominantly a fine to coarse sand. However, in places, particularly in the lower part of the deposit in the Hudson lowland and in some stream valleys, layers of fine to coarse gravel are present. Sieve analyses showing the percent distribution of particles of various sizes are shown in figures 11-6 and 111-7. The sand and gravel is underlain in most of the eastern part of the county by clay. (See the following discussion of clay and silt.) In the remainder of the county the coarse-grained stratified deposits probably are underlain principally by till although in some areas they may rest directly on bedrock.

In parts of the Hudson lowland sand and gravel underlies the clay and silt as shown by the section exposed in a sand and gravel pit a few hundred feet west of U. S. Highway 4, 2 miles north of Stillwater (fig. 111-1). A geologic section of the pit is given in the discussion entitled "Sand and Gravel" in Part III. The sand and gravel deposit underlying the clay is not believed to be extensive. Therefore, unless otherwise indicated, the sand and gravel deposits described here and shown in figure 1-3 are the sand and

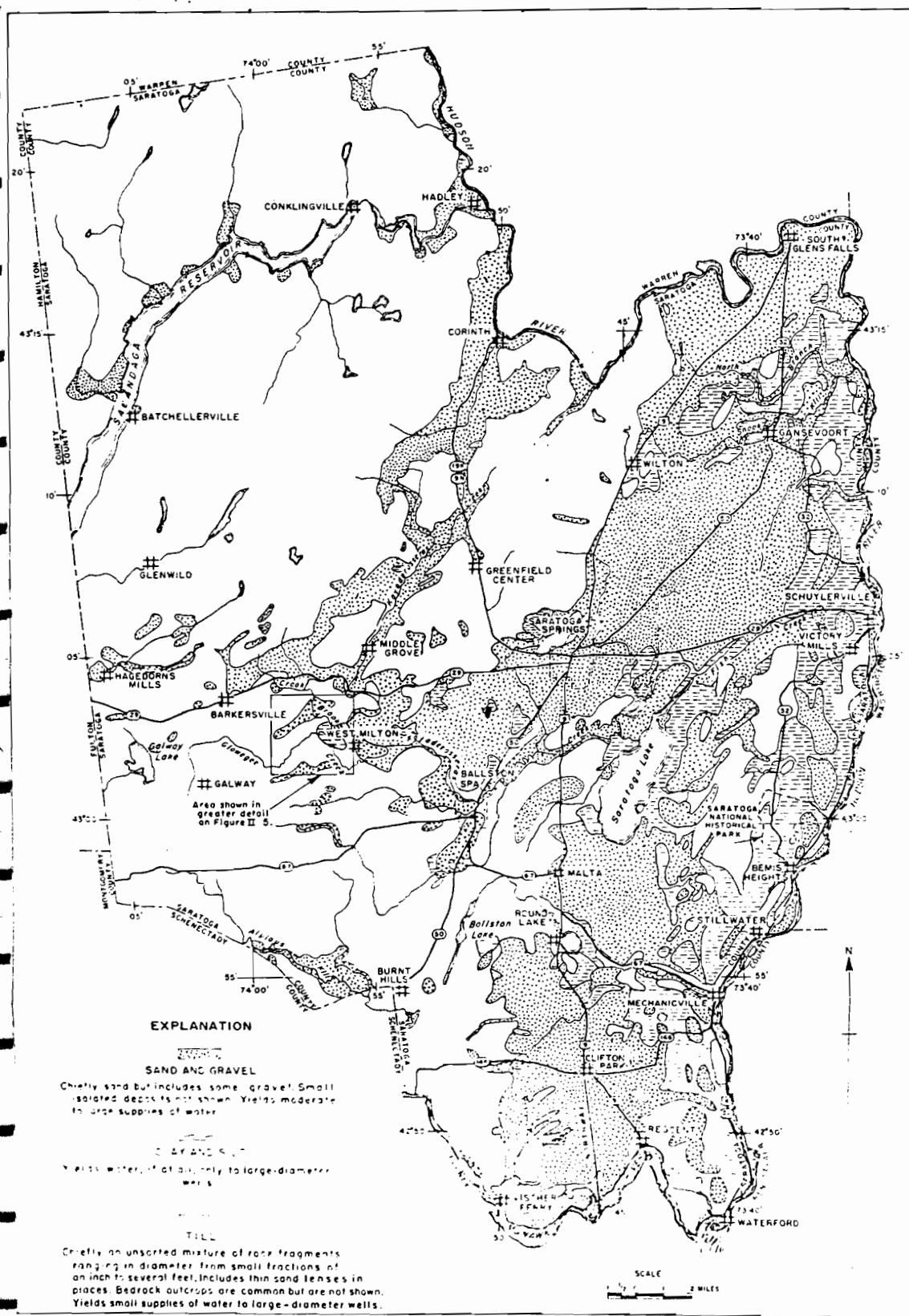


Figure 1-3.--Map of Saratoga County showing principal types of unconsolidated deposits.

gravel deposits which are exposed at the present land surface and which may be appropriately termed "surficial deposits."

The thickest section of sand and gravel known to have been penetrated in the county is 120 feet in well Sa 506. In most places the deposit is less than 50 feet thick; the average thickness is probably about 25 feet.

The sand and gravel is the most productive source of ground water in the county. Where the deposit consists chiefly of sand, supplies of water adequate for domestic needs can generally be obtained from driven wells as small as $1\frac{1}{4}$ inches in diameter and equipped with a screened drive point. Such wells, properly developed, will yield from 5 to 10 gpm (gallons per minute) or more. Larger diameter wells will yield proportionately more water. The average depth of 36 driven wells listed in table 1-3 is 20 feet. These wells range in depth from 6 to 31 feet (table 1-1). (Additional discussion of the water-bearing characteristics of the surficial sand deposit that underlies the eastern part of the county is contained in Part III.)

Where the deposit contains layers of gravel, supplies of several hundred gallons per minute can be obtained from properly developed drilled wells. The average depth of 25 drilled wells drawing from sand and gravel deposits (table 1-3) is 80 feet and range in depth is from 17 feet to 145 feet (table 1-1). (See the discussion of the stratified deposits underlying the valley of Kayaderosseras Creek in Part II.)

The development of water supplies from the coarser-grained stratified deposits in much of the lowland adjacent to the Hudson River presents certain problems, because the deposits consist largely of thin layers of coarse to medium sand alternating with layers of silt and fine sand. Chief among these problems is the development required to obtain the maximum yield. In the process of driving a well the screen is enveloped in a mixture of material ranging in grain size from silt to coarse sand. As this mixture is relatively impermeable the yield of the well when first driven is rather low, in some cases only a fraction of a gallon per minute. The yield of the well can generally be increased substantially by alternately pumping water into the well under high pressure and pumping water from the well to remove fine material from the area surrounding the screen. The procedure used to develop test wells drilled in the Saratoga National Historical Park is described in Part III.

Clay and Silt

Fine-grained stratified deposits consisting chiefly of clay but also containing some silt underlie relatively extensive areas in the eastern part of the county (fig. 1-3). These deposits were laid down in lakes that occupied the area in the closing stages of the "ice age." In figure 1-4 they are referred to as "lake-bottom deposits." These deposits almost invariably underlie the surficial layer of sand and gravel and thus are exposed in many places where the overlying sand and gravel has been removed by erosion. In addition, the clay and silt underlies areas, such as that in the western part of the Saratoga National Historical Park, which appear never to have been covered by sand or sand and gravel. In most places the clay and silt rests directly on till or on bedrock. In other places, probably of small extent, the clay and silt is underlain by sand and gravel.

The clay and silt is, for all practical purposes, impermeable and it will not yield water in usable quantities. In a few places wells have been dug through several feet of sand and into the underlying clay to depths of 5 to 10 feet (well Sa 21). Most of the water drawn from such wells doubtless is derived from a thin saturated zone in the lower part of the sand. The hole in the clay serves primarily as a reservoir between periods of use.

From the standpoint of ground water the clay serves as an impermeable bottom for the overlying sand and gravel. It also serves as an impermeable cover for the underlying deposits. As a result, the water in the underlying deposits occurs under artesian conditions. This does not mean that wells drilled through the clay and into the underlying till or bedrock will flow at the surface. According to the current definition, water under artesian conditions need only rise to a level above the bottom of the clay (the confining bed). However, in some of the lower areas, for instance along parts of the valleys of the small streams flowing into the Hudson River, water from wells drilled into water-bearing deposits beneath the clay will flow at the surface.

Consolidated Rocks

The consolidated rocks underlying the unconsolidated deposits in Saratoga County are divided on the basis of type of opening and mineral composition into (1) crystalline rocks, (2) sandstone, (3) carbonate rocks, and (4) shale. It may be noted that this subdivision is also consistent from the standpoint of age, the crystalline rocks being the oldest and the shale being the youngest. In contrast to the unconsolidated deposits, none of which are more than 1 million years old and most of which are probably only 10,000 to 15,000 years old, the age of the consolidated rocks is almost beyond comprehension. The oldest, the crystalline rocks, are of Precambrian age and thus, are at least 510 million years old and may be much older. The youngest consolidated rocks, the shales, are of Ordovician age and, thus, are at least 350 million years old. The areas underlain by the different types of consolidated rocks are shown in figure 1-4.

Ground water occurs in the consolidated rocks in a completely different type of opening from that present in the unconsolidated deposits. In the consolidated rocks pore spaces are either completely absent or, if present, are not interconnected and, thus, do not contribute to any significant extent in the storage and movement of water. Ground water occurs in the consolidated rocks in three different types of openings. These are (1) faults, (2) joints, and (3) bedding planes. Faults are breaks along which the rocks on the two sides have been displaced relative to each other. Faults are relatively abundant in Saratoga County and at most places form the contact between the rock units shown in figure 1-4. Other faults occur within the same rock unit. Along most of the faults the rocks to the southeast were displaced downward relative to the rocks to the northwest. The amount of the displacement varies at different places along the same fault and from fault to fault. However, displacements of a few hundred feet are not uncommon. One of the consequences of faulting from the standpoint of ground water is that deep wells only a few hundred feet apart may penetrate entirely different types of rock. In places along faults, the rocks may be so shattered that wells penetrating these zones will have substantially greater yields than wells penetrating other parts of the bedrock.

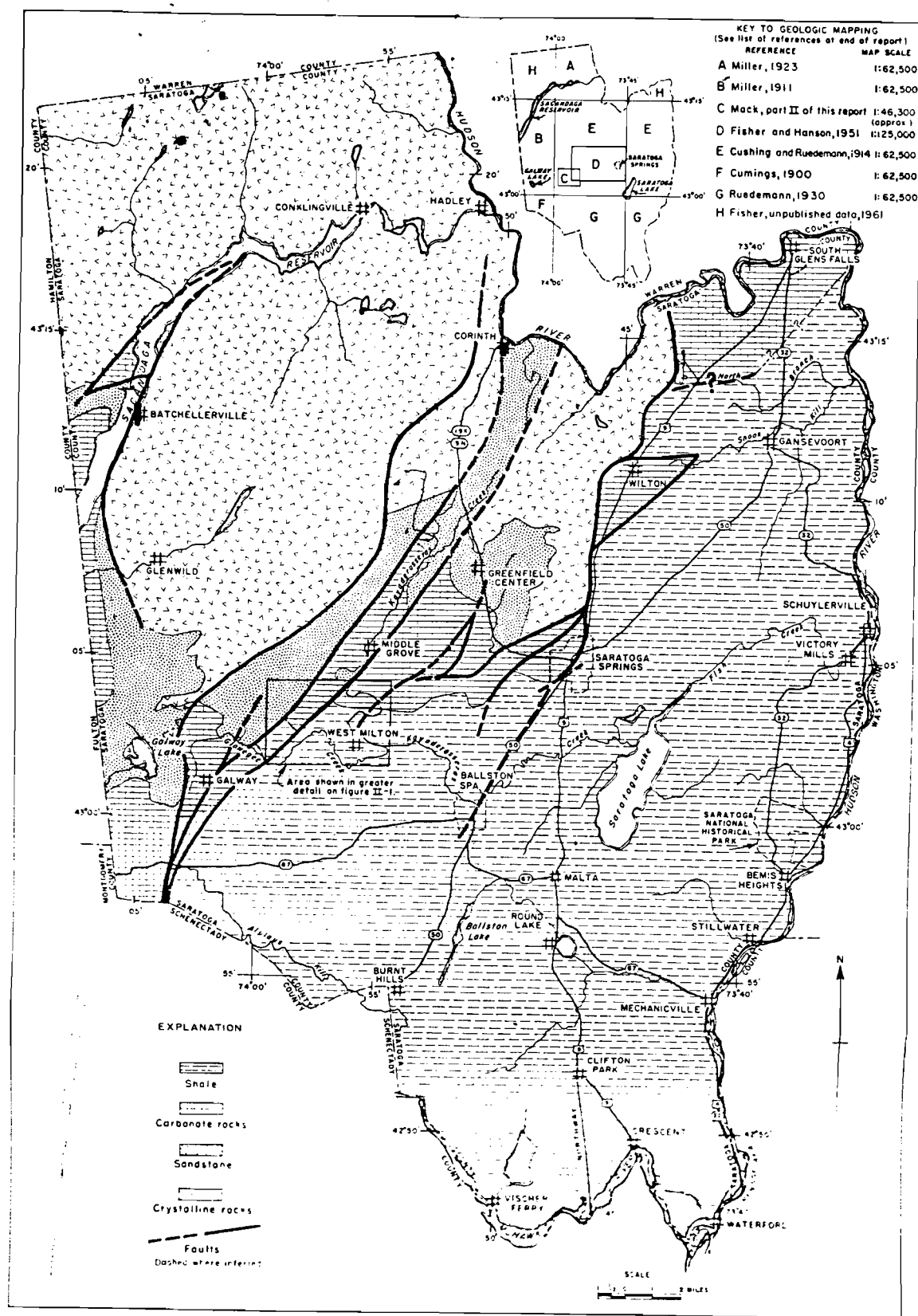


Figure 1-4.--Map of Saratoga County showing distribution of consolidated rocks.

Joints are breaks (fractures) in the consolidated rocks along which no displacement has occurred. The spacing of joints ranges from several inches to many feet. The joints trend in various directions and dip at steep angles. Although the openings along joints are generally minute they, nevertheless, play a significant role in the yield of wells drawing from the consolidated rocks. The opening developed along a joint is generally largest near the top of the rock. The size of the opening decreases with depth and in most rocks probably becomes insignificant at depths of 200 to 300 feet. Drilling below those depths will not increase the yield of the well in most cases.

Bedding planes, as the name implies, are planes which separate individual layers or beds. Obviously, such planes exist only in a layered (stratified) rock. Thus, they occur in the sandstone, carbonate rocks, and shale units shown in figure 1-4 but not in the crystalline rocks. The beds, and thus the bedding planes, in the sandstone, carbonate rocks, and in the shale in the south-central part of the county dip at low angles away from the crystalline rocks except where the dip of the beds has been affected by faulting. In the eastern part of the county, on the other hand, the beds comprising the shale are tightly folded. Throughout a large part of the area the folds are overturned toward the west. As a result, the bedding planes generally dip toward the east at rather steep angles (Cushing and Ruedemann, 1914, p. 102). From the standpoint of ground water, openings developed along bedding planes play an important role in the movement of water.

Crystalline Rocks

Crystalline rocks directly underlie the unconsolidated deposits in most of the northwestern part of the county and in a large area in the north-central part, north of the city of Saratoga Springs (fig. 1-4). In the remainder of the county they underlie the younger consolidated rocks. The crystalline rocks are composed of several different types of metamorphic and igneous rocks. The metamorphic rocks include schist, quartzite, gneiss, and limestone (marble). The igneous rocks include granite, anorthosite, syenite, and gabbro. In most places the metamorphic and igneous rocks are intimately intermingled.

Water is obtained from the crystalline rocks from drilled wells that penetrate them to depths of 150 to 200 feet. The depth of 62 of the drilled wells in bedrock listed in table 1-3 averages 176 feet and ranges from 23 feet to 675 feet (table 1-1). Wells drawing from crystalline rocks, as well as from the other bedrock units, are generally cased to the top of rock and left uncased from the top of rock to the bottom of the well. The yield of these wells depends on the number and size of the joints and other openings penetrated. Yields were reported for nine of the wells drawing from crystalline rocks listed in table 1-3. The yield of these ranged from 1 to 20 gpm and averaged about 5 gpm (table 1-2).

Sandstone

The crystalline rocks are partly bordered (fig. 1-4) by a rock consisting largely of sandstone but containing, in the upper part, interbedded layers of dolomite. The rocks here referred to as "sandstone" include the

Potsdam Sandstone and Theresa Dolomite (Cushing and Ruedemann, 1914). The thickness of the unit is rather irregular but is believed to range from about 200 feet to about 400 feet. The sandstone overlies crystalline rock and is in turn overlain by carbonate rocks.

Yields are reported for 12 of the wells drawing from sandstone listed in table 1-3. The yield of these wells ranges from 2 to 100 gpm and averages about 20 gpm (table 1-2).

Table 1-2.--Yield of wells in bedrock

Water-bearing formation	Yield (gpm)			Number of wells
	Average	Range		
		Low	High	
Shale	10	0.5	80	110
Carbonate rocks	30	1	300	25
Sandstone	20	2	100	12
Crystalline rocks	5	1	20	9
All bedrock combined	14	0.5	300	156

Carbonate Rocks

A series of carbonate rocks partially border the sandstone rocks on the south and, where the sandstone rocks are absent, they border the crystalline rocks (fig. 1-4). The carbonate rocks consist largely of dolomite although parts of the series are composed of limestone. These rocks have been subdivided into several formations on the basis of differences in geologic age and composition. The formation names applied to the rocks, from the oldest to the youngest, are Hoyt Limestone, Little Falls Dolomite, (Gailor Dolomite of Fisher and Hanson, 1951), Amsterdam Limestone, and Glens Falls Limestone. All of these formations are not present every place in the area indicated in figure 1-4 as being underlain by carbonate rocks. In much of the area of outcrop the younger beds have been removed by erosion. The presence of numerous faults and other factors makes determination of thicknesses difficult. The unit is probably 300 to 400 feet thick in most places and possibly as much as 700 feet thick at some places. The carbonate rocks overlie the sandstone and are overlain in turn by shale.

Yields are reported for 25 of the wells drawing from carbonate rocks listed in table 1-3. The yield of these wells ranges from 1 to 300 gpm and averages about 30 gpm (table 1-2).

No discussion of the occurrence of ground water in Saratoga County would be complete without mentioning the highly mineralized water that made Saratoga Springs and Ballston Spa famous. The "mineral" water is discussed in considerable detail by Kemp (1912). The water occurs principally in the Gailor Dolomite of Fisher and Hanson (1951) and apparently originates in the eastern part of Saratoga County and also possibly in the western part of Washington

and Rensselaer Counties. The water at Saratoga Springs appears to be controlled by the Saratoga fault. East of the fault the dolomite is overlain by shale which prevents upward seepage of the water. Movement of water across the fault is prevented by the presence of impermeable crystalline rocks which lie opposite the Gailor Dolomite of Fisher and Hanson (1951) on the west side of the fault. The origin of the water is not known. However, the presence of abundant carbon dioxide and the high concentration of chloride, bromide, iodide, fluoride, and sodium carbonate suggest an igneous origin (Kemp, 1912, p. 48-64).

Shale

Most of the eastern and southern parts of the county (fig. 1-4) are underlain by a thick section of consolidated rocks consisting largely of shale interbedded with thin layers of sandstone. These rocks have been subdivided into the following formations: Normanskill Shale, Snake Hill Formation, Canajoharie Shale, and Schenectady Formation. The thickness of the shale ranges from a few hundred feet near the contact with the limestone to considerably more than 1,000 feet in the southern part of the county.

Yields are reported for 110 of the wells drawing from shale listed in table 1-3. The yield of these wells ranges from 0.5 to 80 gpm and averages about 10 gpm (table 1-2).

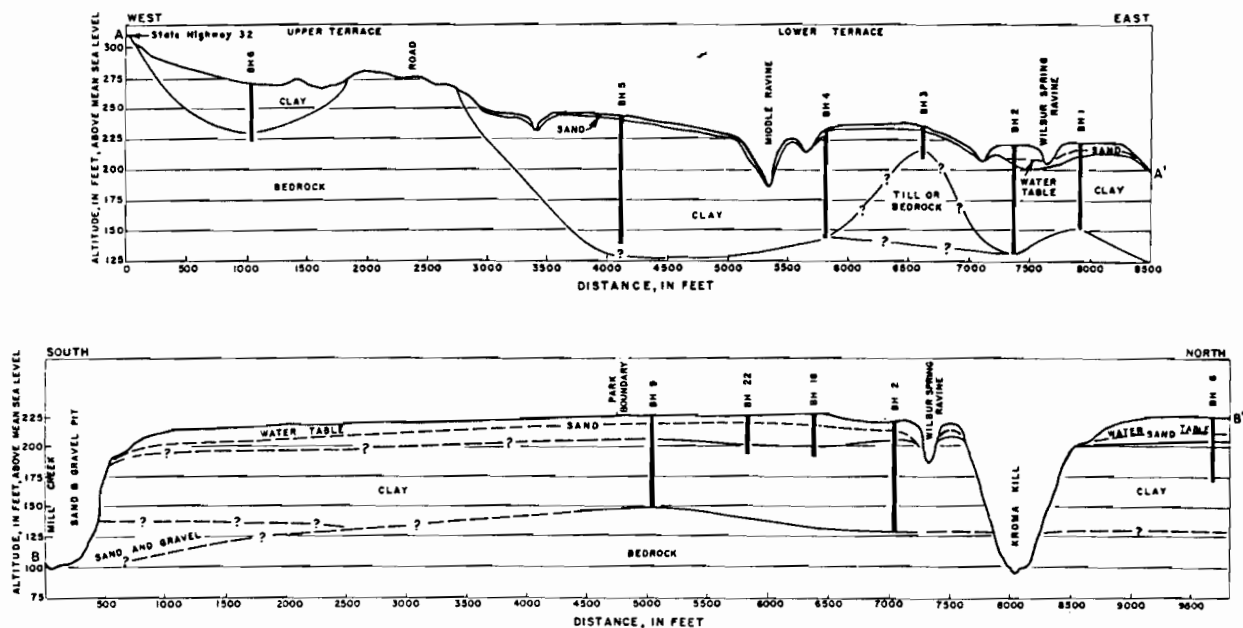


Figure III-6.--Geologic sections in Saratoga National Historical Park along lines A-A' and B-B' in figure III-1.

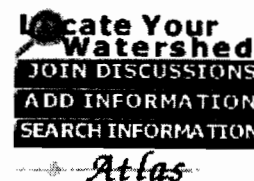
Sand and Gravel

Description.--The lowermost stratified deposit known to exist in the area consists of sand and gravel which is exposed in a pit a few hundred feet north of the point at which U. S. Highway 4 crosses Mill Creek. (See figure III-1.) This is the only known occurrence of the deposit in the area. The southernmost bore hole (BH 9), located about 1,700 feet south of the Wilbur Spring ravine did not penetrate this deposit (section B-B', fig. III-6). Thus, it appears that the sand and gravel extends only a short distance north of the pit. It is not known whether the deposit is present in the area south of Mill Creek. The bottom of the sand and gravel is not exposed and, therefore, its thickness is not known.

The section exposed in the pit is listed below. It should be noted that the top of the pit is about 25 feet below the surface of the lower terrace. It is assumed (section B-B', fig. III-6) that the 25 feet of material removed at the top of the pit was composed of sand. The four feet of sand at the top is believed to have slumped or been bulldozed from further up the slope.

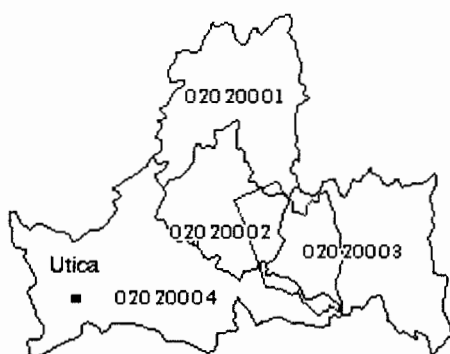
<u>Description</u>	<u>Thickness</u>	<u>Depth below top of pit</u>
Sand, fine, orange	4	0- 4
Clay, thin-bedded, brown to gray	47	4-51
Sand and gravel. Sand is fine to medium and crossbedded. Gravel occurs in lenses	36+	51-87+

REFERENCE 33



Saratoga, NY

Click on the map to zoom in on your watershed



Watershed health (Index of Watershed Indicators) information about this county.

This county crosses 4 watersheds.

Environmental Profile

(provided by EPA's Center for Environmental Information and Statistics (CEIS))

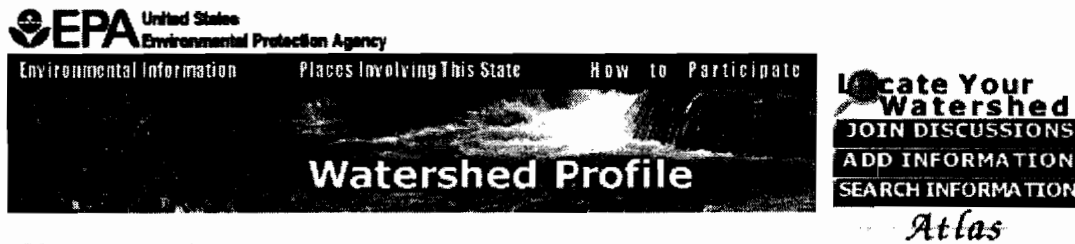
Where does my drinking water come from?

Find environmental information for each of these watersheds:

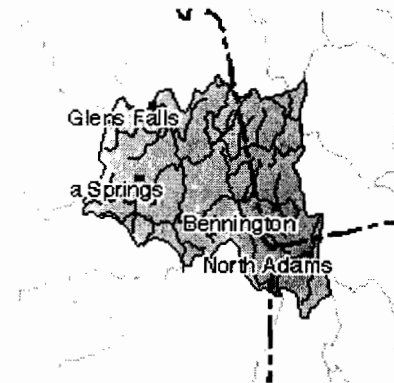
- 02020001 Upper Hudson;states: NY
- 02020002 Sacandaga;states: NY
- 02020003 Hudson-Hoosic;states: MA NY VT
- 02020004 Mohawk;states: NY

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URL: <http://www.epa.gov/surf3/counties/36091/>
Revised on 10-25-1999 at 12:18

**News Flashes:****Hudson-Hoosic**

USGS Cataloging Unit: 02020003

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Watershed****States:**

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■ [Toxic releases](#) (Source: TRI - Toxic Release Inventory)■ [Hazardous Wastes](#) (Source: RCRA - Resource Conservation Recovery Act)■ [Superfund Sites](#) (Source: CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act)[EnviroMapper for Watersheds](#)- (interactive mapping tool)**Water**

- Pittsfield

Find information focused on water for this specific watershed

**Nominated
American
Heritage
Rivers:**

Rivers and Streams in this Watershed: 34 (provided by EPA's first River Reach File)

Lakes in the watershed: 133 Total number of watershed acres: 9570.3

- Hudson River, New York

River and stream miles:

- 1328 total river miles
- 1315.4 perennial river miles
- No data available :% of total rivers and streams have been surveyed
- No data available :miles meet all designated uses

**Other
Watersheds:
upstream**

The following aquifer's are in this hue:

(Source: USGS Principal Aquifers of the 48 Contiguous United States 1998)

Aquifer	Square Miles	Rock Type
No Principal Aquifer	1488	N/A
New York and New England carbonate-rock aquifers	389	Carbonate-rock aquifers
New York Sandstone aquifers	15	Sandstone aquif

- Upper Hudson
- Sacandaga
- Mohawk

downstream

- Middle Hudson

Tribes

- None Known

Facilities regulated by EPA (provided by Envirofacts)

- Community Water Sources (Source: SDWIS Safe Drinking Water Information System)
- Water Dischargers (Source: PCS - Permit Compliance System)

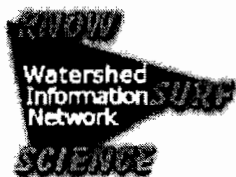
**Large
Ecosystems:**

Information provided by the United States Geological Survey

- EMAP Northeastern Lake Assessment

(USGS): Watershed

- Stream Flow (Source: USGS)
- Science in Your Watershed
- Historical Water Data
- Water use (1990): Information about the amount of water used and how it is used
- Selected USGS Abstracts



Land

Find watershed information focused on land characteristics

Area: 1892.45 sq mi: perimeter: 242.11 mi

Habitat:

- Forest Riparian Habitat
- Agricultural/Urban Riparian Habitat

People

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Citizen-based Groups at work in this Watershed (Provided by Adopt Your Watershed)

Join now (Adopt Your Watershed)

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Revised: 10/29/1999



Safe Drinking Water Violation Report

MECHANICVILLE CITY
CITY HALL
MECHANICVILLE, NY 12118

Primary Water Source Type	Population Served
Surface water	8000

This report was created on NOV-03-1999
Results are based on data extracted on OCT-08-1999

NOTICE: EPA is aware of inaccuracies in the Safe Drinking Water Information System. We are working with the states to improve the quality of the data.

The tables below list all violations that the state reported to EPA for this water system. Health-based violations are listed first, followed by monitoring, reporting, and other violations.

Health Based Violations: amount of contaminant exceeded safety standard (MCL) or water was not treated properly.

No health-based violations found. EPA has no record of any health-based violations reported by the state for this water system since 1993.

Monitoring and Reporting and Other Violations: system failed to complete all samples or sample in a timely manner, or had another non-health-based violation. A significant monitoring violation means the system failed to take a large percentage of the required samples. Non-significant monitoring violations indicate that the water system failed to take some of the required samples, but did do some of the required sampling.

No monitoring or other violations found. EPA has no record of monitoring or other violations reported by the state for this water system since 1993.

For more information on:

Violations prior to 1993: ask the operators of your water system, contact your state or file a Freedom of Information Act (FOIA) request.

Watersheds (the land areas drinking water comes from): Learn more about the health of this watershed.

Drinking water in your state: <http://www.epa.gov/safewater/dwinfo/ny.htm>

Drinking water in general: Visit EPA's Office of Ground Water and Drinking Water web site or call the Safe Drinking Water Hotline (1-800-426-4791). EPA has also prepared fact sheets about various regulated drinking water contaminants.

Additional Information

In 1998 (the last year for which EPA has complete data), based on information reported to EPA by the states, 0.75 percent of all systems violated a treatment technique, 5 percent of all systems violated an MCL, and 17.6 percent of all systems had a reporting/monitoring violation.

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New York State Atlas of Community Water System Sources 1982

NEW YORK STATE DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL PROTECTION
BUREAU OF PUBLIC WATER SUPPLY PROTECTION

REFERENCE

REF
TD
224
.N7N7
1982

LOCATION OF COMMUNITY WATER SYSTEM SOURCES-1982

NEW YORK STATE DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL PROTECTION
BUREAU OF PUBLIC WATER SUPPLY PROTECTION

SARATOGA COUNTY



SARATOGA COUNTY

ID NO	COMMUNITY WATER SYSTEM	POPULATION	SOURCE
Municipal Community			
1	Amsterdam City (Montgomery Co, Page 58).		Steele & Ireland Vly Reservoirs, Hans Creek
2	Ballston Spa Water Supply.	5000.	Upper and Lower Ballston Spa Reservoirs, Well
3	Calico Colony - Woodland Hills.	440.	Wells
4	Clifton Gardens Water Supply.	NA.	Wells
5	Clifton Knolls Subdivision.	3200.	Wells
6	Colonial Green Water Supply.	80.	Wells
7	Corinth Public Water Supply.	3500.	Wells
8	Country Knolls Estates Water System.	1200.	Wells
9	Crescent Estates.	5400.	Wells
10	Featherwood Water Company.	440.	Wells
11	Fort Edward Village (Washington Co, Page 52).		Christie, Dority, New and Sarderburg Reservoirs, Wells
12	Geyser Crest - Heritage Knolls.	4800.	Wells
13	Gilbert Road Water Works.	NA.	Wells
14	H & M Subdivision.	50.	Wells
15	Halfmoon Water District #2.	40.	Wells
16	Lake Elizabeth.	620.	Wells
17	Latham Water District (Albany Co, Page 56).		Stony Creek Reservoir
18	Luther Forest.	152.	Wells
19	Mechanicville City.	7600.	Plum & Baker Brooks, Mechanicville Reservoir
20	Moreau Water District #2.	1440.	Wells
21	Northcrest.	8.	Wells
22	Pine North Subdivision.	181.	Wells
23	Round Lake Village.	1000.	Reservoir
24	Rowlands Hollow Subdivision.	488.	Wells
25	Saratoga Springs City.	23906.	Loughberry Lake, Big Meadow Brook
	Schuylerville Village (See No 9, Washington Co, Page 52).	1400	
26	Sherwood Forest.	100.	Wells, Well (Infiltration Gallery)
27	South Glens Falls Village.	3700.	Wells, Spring
28	South Hadley Water District.	250.	Wells
29	Stillwater Village.	1200.	Wells
30	Terrel Hills.	30.	Wells
31	Victory Village.	500.	Wells
32	Village Green.	350.	Wells
33	Waterford Village.	3000.	Hudson River
Non-Municipal Community			
34	Adirondack Bible College.	NA.	Wells
35	Anthony's Trailer Park.	NA.	Wells
36	Antone Trailer Park.	NA.	Wells
37	Ballard Oaks.	NA.	Wells
38	Barnes Trailer Court.	NA.	Wells
39	Battlefield Trailer Park.	NA.	Wells
40	Bayshore Park.	50.	Wells (Infiltration Gallery)
41	Big "D" Trailer.	15.	Wells
42	Birch Brier Village.	40.	Wells
43	Birch Meadows Mobile Estates.	175.	Wells
44	Bluebird Knolls.	NA.	Wells
45	Bluebird Terrace Mobile Home Park.	65.	Wells
46	Bob's Bait & Trailer Park.	NA.	Wells
47	Boradgiak Trailer Park.	17.	Wells
48	Brookline Village Apartments.	250.	Wells
49	Brookview Mobile Home Park.	125.	Wells
50	Cameron Trailer Court.	80.	Wells
51	Clifton Court Apartments.	32.	Wells
52	Clifton Park Apartments.	600.	Wells
53	Coldbrook Trailer Park.	60.	Wells
54	Country Acres Apartments.	NA.	Wells
55	Country Acres Mobile Home Park.	NA.	Wells
56	Country Manor Mobile Home Court.	25.	Wells
57	Covered Wagon Trailer Court.	NA.	Wells
58	Cozy Hollow Mobile Home Court.	35.	Wells
59	Crandalls Acres.	NA.	Wells
60	Creek and Pines Mobile Home Park.	NA.	Wells
61	Crescent City Mobile Home Park.	NA.	Wells
62	D & S Trailer Court.	NA.	Wells
63	D and R Mobile Home Park.	NA.	Wells
64	D & H Mobile Home Park.	28.	Wells
65	Daniels Hilltop Mobile Park.	NA.	Wells

ID NO	COMMUNITY WATER SYSTEM	POPULATION	SOURCE
Non-Municipal Community			
66	Della Mobile Estates.	24.	Wells
67	DiDonna's Trailer Park.	NA.	Wells
68	Dons Trailer Court.	NA.	Wells
69	Eberts Trailer Town.	NA.	Wells
70	Elizabeth Gardens Apartments.	36.	Wells
71	English Village Apartments.	200.	Wells
72	Evergreen Apartments.	0.	Wells
73	Fay's Mobile Home Park.	NA.	Wells
74	Fishkill Mobile Home Park.	NA.	Wells
75	Fonda Heights Trailer Park.	NA.	Wells
76	Fortsville Acres.	NA.	Wells
77	Friendly Neighborhood Mobile Park.	NA.	Wells
78	Gailor Mobile Home Park.	200.	Wells
79	Gloweege Mobile Estates.	NA.	Wells
80	Grange Road Mobile Estates.	60.	Wells
81	Grant Park Mobile Estates.	NA.	Wells
82	Halfmoon Trailer Court.	NA.	Wells
83	Hallum Trailer Court.	NA.	Wells
84	Hammond Trailer Park.	44.	Wells
85	Hidden Acres Trailer Park.	NA.	Wells
86	Howe Road Trailer Park.	NA.	Wells
87	Hudson View Trailer Court.	NA.	Wells
88	Hyspot Mobile Development One.	66.	Wells
89	Hyspot Mobile Development Two.	20.	Wells
90	Kay's Trailer Park.	NA.	Wells
91	Keator's Trailer Park.	NA.	Wells
92	L & R Mobile Acres.	NA.	Wells
93	Lake Lonely Trailer Court.	NA.	Wells
94	Lakeside Market Trailer Park.	NA.	Wells
95	Lakeside Mobile Home Park.	88.	Wells
96	Lamplighter Mobile Home Park.	NA.	Wells
97	Lanewood Terrace.	NA.	Wells
98	LaValley Mobile Home Park.	12.	Wells
99	Locust Hill Trailer Park.	NA.	Wells
100	London Square Apartments.	550.	Wells
101	Lorendale Mobile Home Park.	12.	Wells
102	Loughberry Mobile Home Park.	NA.	Wells
103	Malta Gardens Apartments.	200.	Wells
104	Malta Mobile Acres.	300.	Wells
105	Malta Trailer Park.	NA.	Wells
106	Mansard Apartments.	100.	Wells
107	Manz Trailer Park.	12.	Wells
108	Martindale Court Inc.	288.	Wells
109	McGinns Trailer Park.	34.	Wells
110	McGregor Apartments.	80.	Wells
111	McGregor Apartments.	55.	Wells
112	Midway Mobile Village.	NA.	Wells
113	Milton Knolls Mobile Home Park.	NA.	Wells
114	Mohawk Terrace Apartments.	450.	Wells
115	Mooncrest Manor.	NA.	Wells
116	Morris Apartments.	NA.	Wells
117	Moskos Court.	NA.	Wells
118	North Creek Mobile Village.	NA.	Wells
119	Northern Pines.	NA.	Wells
120	Paisley Village Mobile Home Park.	NA.	Wells
121	Park Dantoine.	29.	Wells
122	Parkwood Village.	350.	Wells
123	Pettits Mobile Home Park.	14.	Wells
124	Pine Crest Trailer Court.	NA.	Wells
125	Pine View Trailer Park.	NA.	Wells
126	Pines Mobile Home Park.	NA.	Wells
127	Pleasant Valley Park.	NA.	Wells
128	Quaker Springs Mobile Home Park.	20.	Wells
129	Ray-Mar Village.	688.	Wells
130	Riverside Mobile Home Park.	NA.	Wells
131	Robinsons Trailer Park.	NA.	Wells
132	Rock City Falls Trailer Park.	55.	Wells
133	Round Lake Mobile Court.	NA.	Wells
134	Sandy's Mobile Acres.	NA.	Wells
135	Scena Manor Trailer Park.	NA.	Wells
136	Selbys Trailer Park.	NA.	Wells
137	Shady Acres Mobile Park.	NA.	Wells
138	Shady Knolls Trailer Park.	NA.	Wells
139	Shady Pines Mobile Home Park.	120.	Wells
140	Shelly Park.	NA.	Wells
141	Sitterly Park Apartments.	60.	Wells
142	Sleepy Hollow Trailer Park.	15.	Wells
143	Springbrook Mobile Home Park.	NA.	Wells

ID NO	COMMUNITY WATER SYSTEM	POPULATION	SOURCE
Non-Municipal Community			
144	Spruce Grove Trailer Park.	NA.	Wells
145	Squire Park Apartments.	NA.	Wells
146	Stillmeadows Mobile Homes.	NA.	Wells
147	Stockade Mobile Park Inc.	25.	Wells
148	Sunshine Mobile Home Park.	14.	Wells
149	Sweets Trailer Park.	NA.	Wells
150	Tall Pines Mobile Court.	NA.	Wells
151	The Charlton School.	NA.	Wells
152	The Diplomat Mobile Home Court.	10.	Wells
153	The Riverside.	NA.	Wells
154	Three RS Trailer Court.	NA.	Wells
155	Tuckaway Mobile Home Park.	NA.	Wells
156	Turf Mobile Home Park.	950.	Wells
157	Twin Lakes Apartments Inc.	2000.	Wells
158	Vansleet Garden Apartments.	24.	Wells
159	Villa Rosato Apartments.	NA.	Wells
160	Vosburg Road Mobile Home Park.	NA.	Wells
161	West Crescent Trailer Park.	NA.	Wells
162	West Milton Trailer Park.	30.	Wells
163	White Birth Estates.	NA.	Wells
164	White Birches Park.	NA.	Wells
165	Wilson's Mobile Home Park.	NA.	Wells
166	Wilton Developmental Center.	2268.	Wells
167	Wilton Estates.	NA.	Wells
168	Wilton Mobile Park.	25.	Wells
169	Wilton Mobile Village.	NA.	Wells
170	Ye Olde Gick Mobile Home Park.	25.	Wells
171	Youngs Trailer Park.	NA.	Wells

LOCATION OF COMMUNITY WATER SYSTEM SOURCES-1982

NEW YORK STATE DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL PROTECTION
BUREAU OF PUBLIC WATER SUPPLY PROTECTION

ALBANY, RENSSELAER and SCHENECTADY COUNTIES



ALBANY COUNTY

ID NO	COMMUNITY WATER SYSTEM	POPULATION	SOURCE
Municipal Community			
1	Albany City.	101767.	Alcove Reservoir
2	Altamont Village.	1518.	Altamont Reservoirs 1 & 2, Wells
3	Bethlehem Water District #1.	24000.	Vly Creek Reservoir, Wells
4	Cohoes City.	18144.	Mohawk River
5	Fort Hunter Water District.	500.	Wells
6	Green Island Village.	3100.	Wells (Infiltration Gallery)
7	Guilderland Water District.	450.	Wells
8	Latham Water District (See also No 17 Saratoga Co, Page 54).	69688.	Mohawk River, Wells
9	Lone Pine Water District.	125.	Wells
10	Northside Water District.	90.	Wells
11	Ravena Village (See No 8 Greene Co, Page 64).	3100	
12	Rensselaerville Water District.	114.	Myosotis Lake
13	South Albany Water District.	40.	Wells
14	Voorheesville Village.	3320.	Wells
15	Watervliet City.	11300.	Watervliet Reservoir
16	Westmere Water District.	15000.	Watervliet Reservoir, Wells
Non-Municipal Community			
17	Bremildan House For Senior Living.	50.	Wells
18	Carmen Courts.	80.	Wells
19	Country Manor.	30.	Wells
20	Edward R. Cass Youth Camp.	70.	Wells
21	Flemings Mobile Home Park.	136.	Wells
22	Green Acres.	50.	Wells
23	Isacsen Mobile Home Park.	40.	Wells
24	Kountry Knolls.	50.	Wells
25	Mapletree Apartments.	58.	Wells
26	Meilak's Mobile Home Park.	350.	Wells
27	Old Orchard Estates.	45.	Wells
28	Pantages Mobile Home Park.	200.	Wells
29	Pine Mobile Home Park.	90.	Wells
30	Twenty Acres, Inc.	60.	Wells
31	Warren's Mobile Home Park.	51.	Wells
32	Whitestone Mobile Home Park.	76.	Wells

RENSSELAER COUNTY

ID NO	COMMUNITY WATER SYSTEM	POPULATION	SOURCE
Municipal Community			
1	Battisti Public Water Supply.	185.	Wells
2	Berlin Water District #2.	655.	Wells
3	Castleton-on-Hudson Village.	2105.	Vlockie Kill
4	East Greenbush Water Company.	180.	Wells
5	Hampton Manor-Hillview Water District #4.	2241.	Wells
6	Hoosick Falls Village.	4100.	Wells
7	Maple Hill Water Company.	91.	Wells
8	Nassau Village Public Water Supply.	1306.	Wells
9	Petersburg Water District.	400.	Wells
10	Schaghticoke Village Public Water Supply.	860.	Wells
11	Schodack Water District #1.	375.	Wells
12	Schodack Water District #2.	120.	Wells
13	Troy City Public Water Supply.	55000.	Tomhannock Reservoir
Non-Municipal Community			
14	Bon Acre Trailer Park.	120.	Wells
15	Byers Apartments.	28.	Wells
16	Caprons Mobile Home Park.	30.	Wells
17	Cedar Acres Trailer Park.	63.	Wells
18	Charles Land Apartments.	28.	Wells
19	Chuckleberry Park.	120.	Wells
20	Country Acres Mobile Home Park.	192.	Wells
21	Country Village Apartments.	50.	Wells
22	Creekside Park.	230.	Wells
23	Curtis Mobile Homes.	280.	Wells
24	Drake Trailer Park.	20.	Wells
25	Drop Realty Mobile Home Park.	27.	Wells
26	Hoosac Meadows.	65.	Wells
27	Hoosac School.	110.	Wells (Infiltration Gallery, Springs)
28	KAJ Trailer Park.	24.	Wells
29	Kingsley Arms.	NA.	Wells
30	Lakeside Grove.	80.	Wells
31	Lakeside Mobile Home Park.	30.	Wells
32	Leavenworth Trailer Park.	60.	Wells
33	Lochvue Apartments.	45.	Wells
34	Maple Lane Apartments.	NA.	Wells
35	Mores Coach Sites.	24.	Wells
36	Pine Haven Mobile Court.	300.	Wells
37	Pirri Apartments.	72.	Wells
38	Ravenwood Estates.	200.	Wells
39	Rensselaer Mobile Homes Inc.	212.	Wells
40	Sundown Mobile Home Court.	24.	Wells
41	Sykes Trailer Park.	25.	Wells
42	Tamarac Apartments.	36.	Wells
43	Terrace Haven.	112.	Wells
44	Terry-Lynn Apartments.	36.	Wells
45	Vanderheyden Hall, Inc.	115.	Wells
46	Walter J. Smith Apartments.	34.	Wells
47	Willowbrook Apartments.	28.	Wells

SCHENECTADY COUNTY

ID NO	COMMUNITY WATER SYSTEM	POPULATION	SOURCE
Municipal Community			
1	Delanson Village Water Works.	900.	Delanson Reservoir
2	Glenville Water District #11.	14000.	Wells
3	Niskayuna Water District #5.	11000.	Wells
4	Rotterdam Water District No. 3.	1700.	Wells
5	Rotterdam Water District No. 5.	25949.	Wells
6	Schenectady City.	67972.	Wells
7	Scotia Village Water Works.	7600.	Wells
8	West Hill Water Company, Inc.	300.	Wells
Non-Municipal Community			
9	Laporte's Motel & Trailer Park.	NA.	Wells

**MEMORANDUM OF
CONVERSATION**

WHO: Jan Thapa

OF: NYSDoH

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 402 - 7650

CALLED: ☐ XX ☐

WAS CALLED: ☐

JOB: Camarota Cleaners PSA

DATE: 11 November 1999

JOB NUMBER: 650 - 716 G531

TIME: 9:45 am

CONCERNING: The locations of the drinking supply wells locations in a 4 mile radius of Mechanicville.

AND DECIDED:

I spoke with Jan and she confirmed that the locations of the public supply wells, as listed and shown in the 1982 New York State Atlas of Community Water System Sources, are correct and current. There have been 3 additions: 1 is on the west side (the opposite side) of the Hudson River, the other two are locations approximately 4 to 5 miles away from Mechanicville in the southwest direction. None of these additions changes the original conclusions of the PSA report. (That the closest public water supply well serves the City of Mechanicville and has a surface water body source.)

She e-mailed me a map of the drinking water source locations for the greater Mechanicville Area. Please see attached.

CC: _____

REPLY: **YES:** ☐ **NO:** ☐

CC: _____

REPLY: **YES:** ☐ **NO:** ☐

Laura Robinson

From: jct02@health.state.ny.us
Sent: Friday, November 12, 1999 10:08 AM
To: Lrobinson@lmseng.com
Subject: Mechanicville map



Mech5.BMP

I have attached a bitmap made from a MapInfo view of drinking water source location information. The circles with pink dots are from the Community Water supply atlas we discussed and are considered mostly up-to-date. The additional symbols are for sources that have been tentatively located. For the purposes of your investigation, they should not substantially affect the results. The five mile buffer was created around the city of Mechanicville, so it probably extends beyond the five-mile radius from your site. The bitmap may be viewed in Paint, if your e-mail doesn't include a viewer.

Please contact me with any additional questions.

(See attached file: Mech5.BMP)

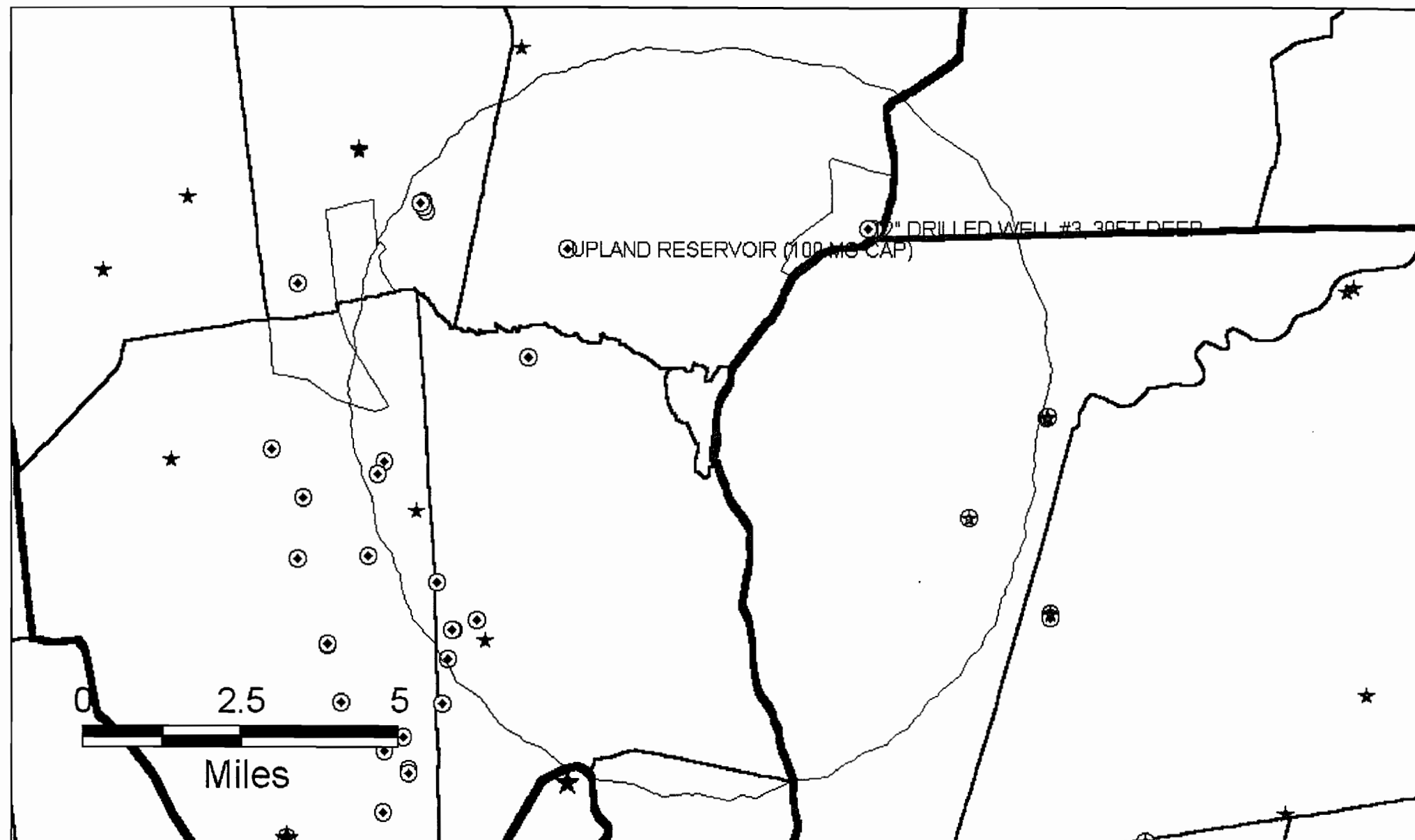
* Jane C. Thapa, P.E. *

Senior Sanitary Engineer

NYS Department of Health/BPWSP

jct02@health.state.ny.us

Phone (518) 402-7713



REFERENCE 34

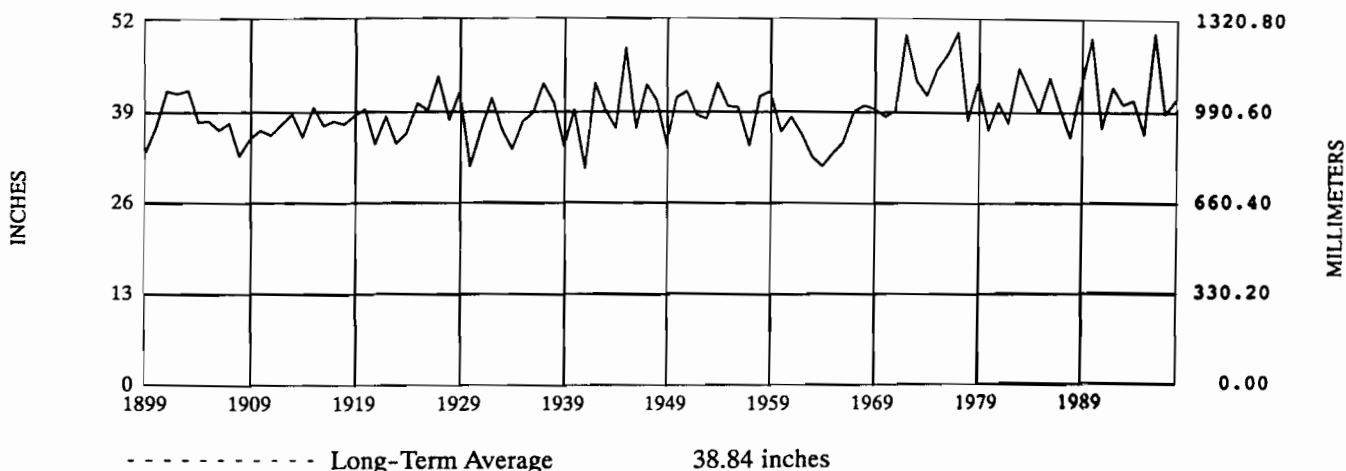
CLIMATOLOGICAL DATA ANNUAL SUMMARY

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1998

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NEW YORK PRECIPITATION, 1899-1998

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Thomas R. Karl

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

National
Oceanic and
Atmospheric Administration

National
Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

10 20 30 STATUTE MILES

30 - NEW YORK

44.0

44.0

42.0

42.0

40.0

40.0

-80.0

-79.0

-76.0

-74.0

-72.0



US DOC - NOAA - NCDC - ASHEVILLE, NC
Updated January 1992

NEW YORK
1998

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
STAMFORD	3.41	-.41	1.33	-2.14	2.07	-1.38	3.84	.70	1.86	-1.72	1.55	-1.40	42.08	3.23
TULLY HEIBERG FOREST	2.76		2.26		4.38		2.98		2.38		2.19		46.27	
UNADILLA 2 N	4.91		M		2.85		2.85		1.34		1.91			
WALTON 2	3.78		1.19		3.54		3.78		2.02		1.95		M 45.13	
WALTON														
WAVERLY	4.70		1.28		2.19		2.82		.98		.95		35.76	
WHITNEY POINT LAKE	4.68	1.49	1.19	-2.11	2.34	-1.08	2.85	-.10	1.53	-1.57	1.38	-1.29	37.00	1.75
WINDHAM 3 E	2.26	-1.23	1.71	-2.00	2.01	-1.47	3.95	.71	1.57	-2.13	1.15	-2.16	47.64	6.55
--DIVISIONAL DATA----->	3.38	-.36	1.96	-1.76	2.50	-1.13	3.09	-.28	1.71	-2.12	1.54	-1.86	41.94	.20
NORTHERN PLATEAU 03														
BIG MOOSE 3 SE	5.15	.91	9.78	4.71	3.41	-1.17	2.81	-1.41	M 2.48		M 2.70		M 53.57	
BOONVILLE 2 SSW	3.79	-.22	4.88	-.04	2.04	-3.37	2.66	-1.88	3.88	-2.09	M 2.77		M 49.04	
HIGHMARKET	4.65	.50	5.30	.23	1.80	-3.91	2.56	-2.34	4.18	-1.21	3.10	-1.49	45.80	-7.31
HOOKER 12 NNW	3.91	-.29	8.88	4.10	3.75	-1.48	3.95	-1.20	2.93	-3.41	2.86	-3.22	51.45	-6.51
HOPE														
INDIAN LAKE 2 SW	3.45	.13	5.68	1.46	2.31	-1.61	2.07	-1.40	2.14	-1.50	1.66	-1.41	41.05	2.01
LAKE PLACID 2 S	6.06	2.20	5.71	1.25	3.76	-.07	3.19	.02	1.89	-1.52	1.64	-1.16	50.13	12.16
LOWVILLE	2.29	-1.04	6.46	2.66	2.16	-1.61	2.44	-.98	2.86	-1.21	1.79	-1.90	M 39.51	
LYONS FALLS	4.25	.36	4.66	.27	1.34	-3.25	2.04	-1.65	2.98	-1.39	2.05	-2.14	41.11	-4.64
MONTAGUE	2.88		4.57		3.28		2.88		4.10		5.19			
NEWCOMB	3.25	-.74	4.48	-.24	3.41	-.56	2.24	-1.23	2.23	-1.61	1.49	-1.79	40.19	-1.46
NORTH CREEK 5 SE	2.93	-.35	4.63	.29	1.77	-1.73	1.83	-1.62	1.58	-2.34	1.10	-2.02	40.38	-.14
OLD FORGE	4.94	.79	7.60	2.74	1.96	-2.81	2.73	-1.42	3.13	-1.71	2.35	-2.00	M 50.16	
PISECO	3.48	-.77	4.57	-.49	1.88	-2.99	2.77	-1.80	3.55	-1.91	3.81	-1.28	53.81	-1.42
RAY BROOK	7.01	3.34	4.45	-.01	4.09	.35	2.99	-.31	M 2.52		M 1.69		M	
SPECULATOR	2.57		4.67		.85		1.72		M .52		M 2.90		M	
STILLWATER RESERVOIR	6.05	1.96	11.17	6.32	3.45	-.99	2.81	-1.20	2.94	-1.65	2.26	-1.88	56.76	10.41
TUPPER LAKE SUNMOUNT	5.50	1.46	5.90	1.31	3.75	-.19	2.86	-.42	2.16	-1.27	M 1.79		M	
WANAKENA RANGER SCHOOL	6.74	2.57	6.21	1.42	3.84	-.41	3.72	.06	2.40	-1.61	M 1.84		M 47.37	
--DIVISIONAL DATA----->	4.65	.84	6.31	1.75	2.83	-1.41	2.62	-1.09	2.57	-1.67	1.99	-1.83	46.83	2.80
COASTAL 04														
BRIDGEHAMPTON	1.34	-1.66	3.67	.22	3.83	.37	3.46	.07	1.36	-3.17	1.46	-2.85	55.79	10.13
DOBBS FERRY ARDSLEY	1.59	-2.70	2.23	-2.06	1.46	-2.67	2.71	-1.13	1.73	-2.87	1.27	-3.03	42.96	-7.42
GREENPORT POWER HOUSE							2.45	-1.05	.83	-3.55	M 1.11			
ISLIP AFSS	1.08	-2.38	2.45	-1.59	2.28	-1.20	2.04	-1.51	1.64	-2.59	1.72	-2.33	M 57.68	
MINEOLA	1.06	-2.72	1.19	-2.30	3.88	.34	2.52	-.89	1.37	-2.72	1.10	-2.64	42.62	-2.06
MINEOLA 1 NE	1.18		1.28		4.10		3.14		1.59		1.26		47.13	
NEW YORK AVE V BROOKLY	.86	-3.35	2.31	-1.71	2.85	-1.10	2.08	-1.02	1.19	-2.81	1.10	-2.51	43.12	-1.86
NEW YORK CNTRL PRK WSF	1.09	-3.26	2.78	-1.23	3.44	-.45	2.76	-.80	1.48	-2.99	1.12	-2.79	48.69	1.44
NEW YORK KENNEDY WSCMO	.97	-2.83	1.85	-1.56	1.68	-1.62	1.91	-.97	1.13	-2.52	.93	-2.49	37.55	-4.04
NEW YORK LAGUARDIA WSC	1.14	-2.93	4.29	.54	4.10	.71	1.75	-1.27	1.48	-2.33	1.03	-2.37	45.21	3.09
OCEANSIDE	1.23		M		2.10		2.41		1.32		1.16			
RIVERHEAD RESEARCH FAR	3.16	-.19	M		3.03	-.16	2.35	-1.16	2.06	-2.24	1.14	-3.00		
SEA CLIFF	1.52		3.88		2.78		3.35		1.88		1.26		M 48.59	
SETAUKET STRONG			2.88	-.72	.54	-2.89	2.25	-1.24	1.81	-2.42	1.70	-2.39		
WANTAGH CEDAR CREEK	1.03		2.25		2.54		1.45		1.11		1.18		41.70	
WESTCHESTER CO AP	2.04	-1.66	2.30	-1.53	2.11	-1.94	3.23	-.55	2.04	-2.51	1.32	-2.94	43.81	-5.11
--DIVISIONAL DATA----->	1.38	-2.51	2.57	-1.30	2.71	-.95	2.49	-.95	1.50	-2.75	1.25	-2.69	46.13	.08
HUDSON VALLEY 05														
ALBANY WSFO AP	2.74	-.44	2.21	-1.26	1.98	-.97	4.14	1.31	1.65	-1.58	1.04	-1.89	38.94	2.77
ALBANY NWFO UNIVERSITY											.78			
ALCOVE DAM			1.75	-1.62	1.64	-1.68	3.83	.87	1.37	-2.20	.74	-2.16		
BATTENVILLE	4.21	.85	3.23	-1.46	3.28	-.14	4.20	1.18	2.15	-1.29	1.63	-1.15	44.68	5.91
BERLIN 5 S	2.65	-1.38	2.37	-1.75	1.61	-1.99	4.12	.64	2.16	-1.67	1.82	-1.38	36.04	-6.54
CONKLINGVILLE DAM	2.92	-.40	3.33	-.57	1.46	-2.26	1.73	-1.51	2.07	-1.96	2.26	-1.51	45.89	2.49
COPAKE	5.71		1.96		3.36		4.73		1.59		1.06		42.14	
GARDNERVILLE	1.72	-2.33	M		1.64	-1.81	2.77	-.39	1.42	-2.31	1.36	-1.80		
GLENS FALLS FARM	3.89	.23	3.48	-.81	1.68	-2.09	1.55	-1.82	2.42	-1.59	.82	-2.67	41.50	-1.91
GLENS FALLS AP	2.88	-.08	4.17	.52	1.27	-1.82	1.70	-1.19	2.21	-.87	1.20	-1.77	38.85	2.69
GRAPTON	2.85	-1.43	3.08	-1.64	2.24	-1.58	5.10	1.42	1.80	-2.34	M 2.01		M 41.05	
HUDSON CORRECTIONL FAC	2.06	-1.75	2.43	-1.24	2.11	-1.37	2.97	-.17	2.34	-1.05	M .86		M 38.98	
MELROSE 1 NE	3.31		4.55		4.07		3.75				1.45			

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

TEMPERATURE EXTREMES AND FREEZE DATA: Spring minimum dates are obtained from data for January through June; Fall dates are from July through December data. "NONE" indicates temperature threshold not reached. "MSG" indicates available data insufficient to determine date.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

SOIL TEMPERATURE EXTREMES: The highest and lowest Max and Min temperature for each month and the year.

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- * Rain gage not read. Precipitation is included in the amount following asterisks. Time distribution not known.
- // Rain gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to monthly bulletins to determine date of last reading. (Hawaii stations)
- B Estimated total value for wind, evaporation, or cooling degree days.
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing.
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See * above)
- Z Same as M but the Z has overprinted a negative sign or leading digit (e.g., Z14.6 = M-14.6, Z08.2 = M108.2)

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in rooftop shelter.
- C Station is equipped with a recording rain gage (R), but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on the Ground" table in monthly "Climatological Data" publication.
- J Station also published as a "Local Climatological Data" bulletin.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of "Climatological Data".

Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information of regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

Additional information regarding the climate of this state may be obtained by writing to the address below or to any weather service office near you. The contents of this publication may be reprinted or otherwise used freely with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER
ROOM 120
151 PATTON AVENUE
ASHEVILLE, NC 28801-5001

REFERENCE 35

Laura Robinson

From: Keith Eggleston [KLE1@cornell.edu]
Sent: Wednesday, November 10, 1999 10:00 AM
To: lrobinson@lmseng.com
Subject: et estimates

Laura Robinson -

Following are the monthly estimates of actual evapotranspiration (inches) from bare soil for Albany, NY, that you requested last week. Daily values are also available. Let me know if you have any questions.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1996	0.49	0.62	1.57	2.03	2.52	2.82	3.45	2.88	2.07	1.58	0.60	0.36	= 20.99 inches
1997	0.50	0.95	1.37	2.18	2.58	0.73	2.35	3.08	2.17	1.56	0.69	0.49	= 18.65 inches
1998	0.55	1.00	1.29	2.56	1.91	3.51	2.53	2.13	1.98	1.30	0.64	0.53	= 19.93 inches

The bill for \$30 will be sent through the mail with your reference #650716.

- N N RRRR	CCCC	CCCC	Keith L. Eggleston	-
- NN N R R C	C		KLE1@CORNELL.EDU	-
- N N N RRRR	C	C	Northeast Regional Climate Center	-
- N NN RR	C	C	Cornell University	-
- N N R R	CCCC	CCCC	(607)255-1751 FAX (607)255-2106	-

REFERENCE 36

**MEMORANDUM OF
CONVERSATION**

WHO: Mark Minick

OF: Town of Stillwater Water and Highway Department

SPOKE WITH LMS EMPLOYEE: Mike Musso

TELEPHONE NUMBER: 518 - 664 - 4611

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 2 December 1999

JOB NUMBER: 650 - 716 G531

TIME: _____

CONCERNING: _____

AND DECIDED:

Part of Stillwater, New York is serviced by a municipal water system that uses groundwater as a source. A well field is located along the Hudson River, about 3 miles north of Mechanicville.

Many residents of Stillwater use private wells for drinking water (and possibly other) purposes. Some of these wells are located north and west of Mechanicville (off of County Route 75), within a 4 mile radius of the Camarota Cleaners site.

CC: _____

REPLY:

YES: ☐

NO: ☐

CC: _____

REPLY:

YES: ☐

NO: ☐

REFERENCE 37

**MEMORANDUM OF
CONVERSATION**

WHO: Mark

OF: NYSDoH, Glens Falls

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 - 793 - 3893 **CALLED:** ☐ **WAS CALLED:** ☒

JOB: Camarota Cleaners PSA **DATE:** 4 November 1999

JOB NUMBER: 650 - 716 G531 **TIME:** 3:20 pm

CONCERNING: Whether drinking water wells have a 50 ft radius of ownership by the county and then an additional 50 ft of control - or whether these radii are 100 ft each. Also, what does "control" mean?

AND DECIDED:

He said that they had 100 ft radius of ownership by the county and 100 ft of control by the county.

He said that he was not aware of any other well head protection areas, except for the 100 ft and 100 ft radii.

Control means that the county has an ability to say what goes on in that area, the property owner needs to notify the county if they plan on doing any activities in that area.

He also referred me to the NY Real Water Association for more information about well head protection area. He thinks that this organization has a well head protection department. (He did not have a phone number for them.)

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 38

**MEMORANDUM OF
CONVERSATION**

WHO: Steve Winkley (winkley@nyruralwater.org)

OF: New York Rural Water Association

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 518 – 828 – 3155

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 5 November 1999

JOB NUMBER: 650 – 716 G531

TIME: 11:15 am

CONCERNING: NYSDoH said that there is 100 ft of ownership by the county and then 100 ft of control by the county, EPA said that there was 500 ft of protection by NYSDoH – which is correct? Also, are there designated well head protection areas for the public water supply wells, other than mentioned above?! Does he has specific locations of where public supply wells are located in a 4 mile radius around the site? 15 miles down the Hudson? Fisheries 15 miles downstream?

AND DECIDED:

Another phone number to reach Mr. Winkley is (518) 283 – 5575.

I called and left a message on his voicemail on 5 November 1999 at 11:15 am.

He returned my call 5 November 1999 at 12:45 pm. He said that well head protection areas are only a guidance, there is not a regulation (not required by law). But, 100 ft of ownership by the county followed by 100 ft of control by the county is used by DoH and DEC. The distance can vary from well to well, it depends on who is writing the requirements for the well and what type of environment surrounds the well.

CC: _____

REPLY:

YES: ☐

NO: ☐

CC: _____

REPLY:

YES: ☐

NO: ☐

REFERENCE 39

**MEMORANDUM OF
CONVERSATION**

WHO: Larry Rinaldo

OF: EPA, Region 2

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 212 - 637 - 3820

CALLED:

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE:

JOB NUMBER: 650 - 716 G531

TIME:

CONCERNING: Designated Well Head Protection Areas that Camarota Cleaners could be within four miles of Mechanicville and the exact location of drinking water supply wells in a four mile radius and 15 miles downstream of Mechanicville. Also, what is the drainage area for the site? Fisheries 15 miles downstream?

AND DECIDED:

In Saratoga County, there is a 500 ft well head protection area around each public supply well as designated by NYSDoH. This differs from what the county owns/controls. The county owns a 100 ft radius around each well head and then controls an additional radius of 100 ft. Whereas NYSDoH protects an area with a radius of 500 ft around each well head.

He referred me to Ron Entringer at NYSDoH for the locations of the public supply wells in Saratoga County – the Albany Office – (518) 402 - 7650.

He also said that a reference for the drainage area (and possibly the fisheries) would be NYSDEC Dan Kendall. He did not have a phone number for him, but he said that he was in the Albany Office.

CC: _____

REPLY:

YES:

☐

NO:

☐

CC: _____

REPLY:

YES:

☐

NO:

☐

REFERENCE 40

**MEMORANDUM OF
CONVERSATION**

WHO: Steve Gould

OF: EPA, Region 2

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: 212 - 637 - 3822 **CALLED:** ☐ **WAS CALLED:** ☒

JOB: Camarota Cleaners PSA **DATE:** 4 November 1999

JOB NUMBER: 650 - 716 G531 **TIME:** 9:00 am

CONCERNING: Designated Well Head Protection Areas that Camarota Cleaners could be within four miles of.

AND DECIDED:

Called Steve on 4 November 1999 at 9:00 am and left a message on his voice mail.

He said that there was some work done across the Hudson River in the Village of Schaghticoke (Rensselaer County) with well head protection areas. I should contact Kevin Roberts for more information (NYSDEC) 518 - 457 - 1634.

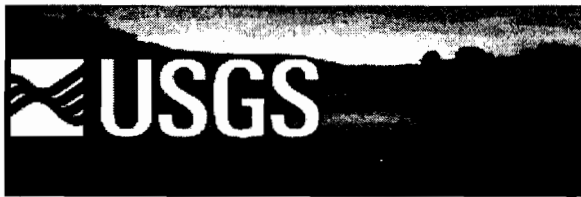
He knew that wells had a radius of 100 ft surrounding the well. He was not sure if the wells had 50 ft of ownership by the county and then 50 ft of control or if there was 100 ft of ownership and then 100 ft of control. He was also not certain of what control actually meant. I should contact Jan Thapa at NYSDoH 518 - 402 - 7713.

For more recent information on the location of drinking water supply wells and possibly some well head protection area information, I should contact Larry Rinaldo at EPA. 212 - 637 - 3820.

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

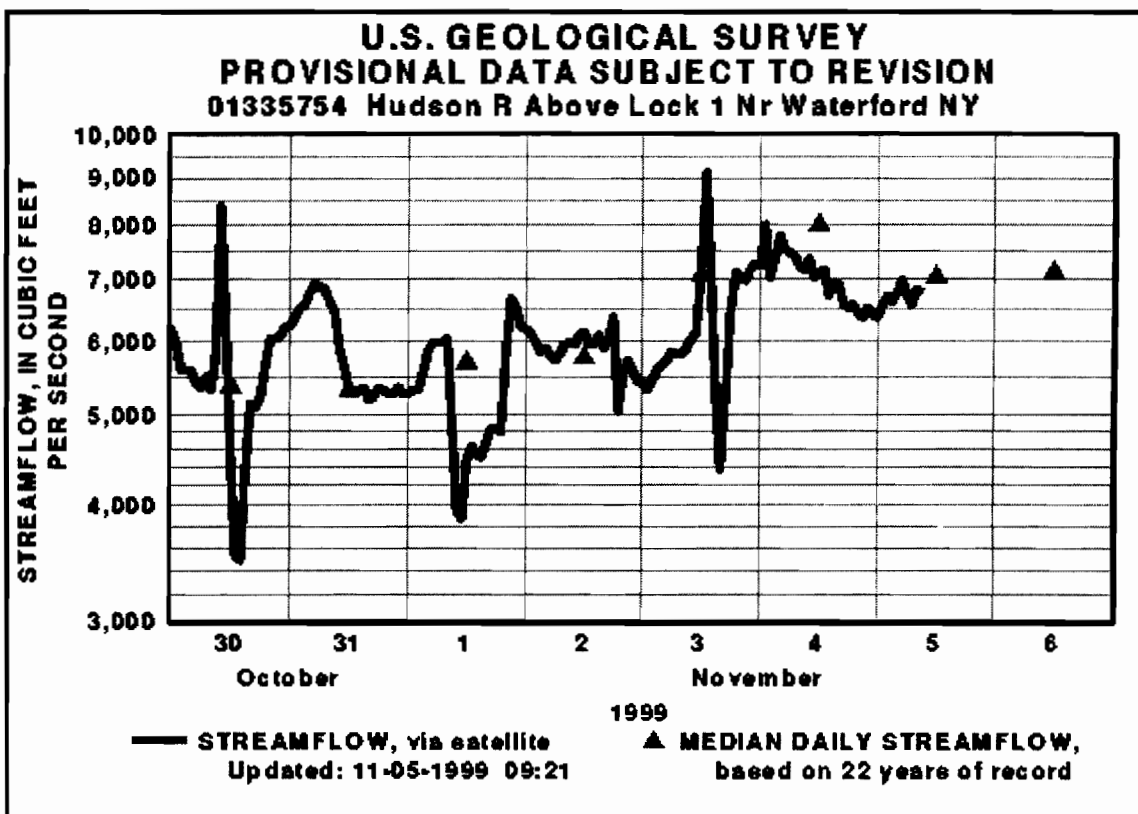
REFERENCE 41

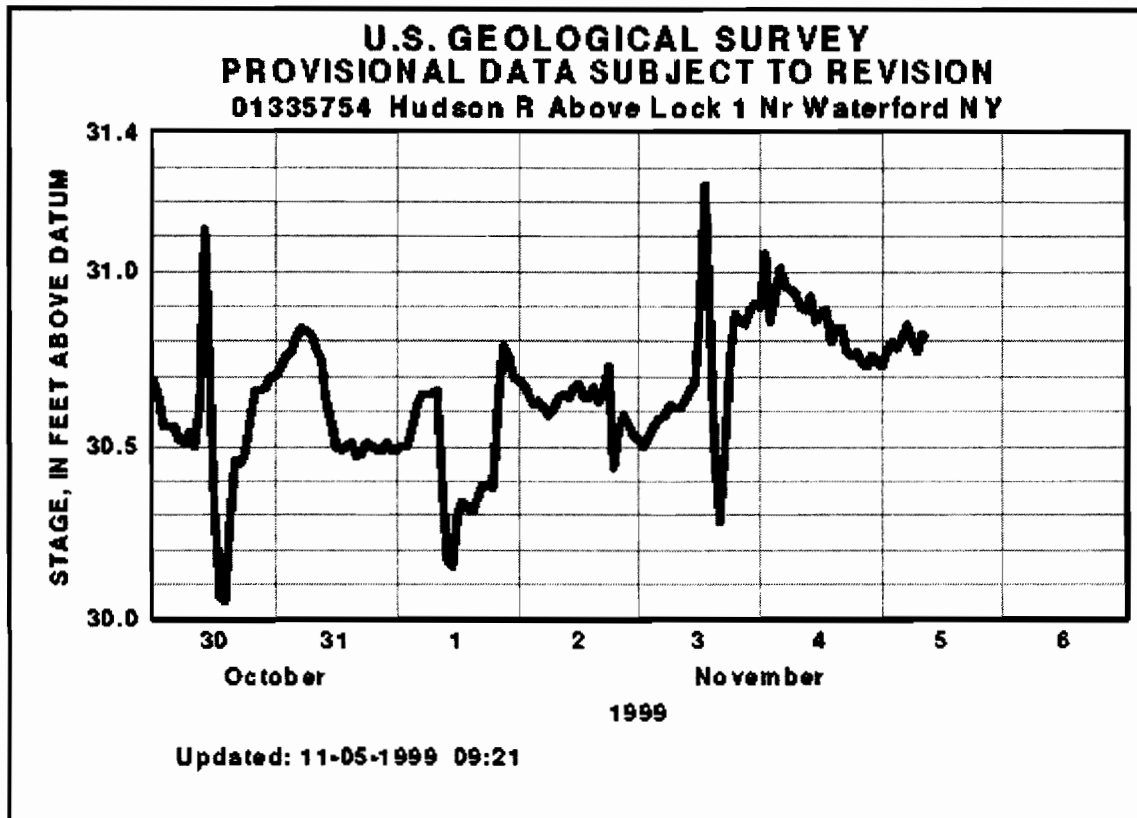


PROVISIONAL DATA SUBJECT TO REVISION

01335754-- Hudson R Above Lock 1 Nr Waterford NY

Latest Conditions			
Flow (ft ³ /s)	Stage (ft)	Date	Time
6,780	30.8	11/05	09:00





- [Download provisional data](#)
- ~~new~~ [Download provisional daily value data \[Table || Tab delimited\]](#)
- [Retrieve historical daily value data](#)
- [Retrieve historical peak flow data](#)
- [Map of region surrounding station](#)
- [Return to Current Surface Water Conditions table](#)

Daily Mean Discharge Statistics for 11/05 based on 22 years of record, in (ft ³ /s)						
Latest flow 11/05 09:00	Minimum	Mean	Maximum	80 percent exceedance	50 percent exceedance	20 percent exceedance
6,780	3,400	7,500	15,100	4,120	7,040	11,200
Percent exceedance means that 80, 50, or 20 percent of all daily mean flows for 11/05 have been greater than the value shown.						

Flood Thresholds	
Flow (ft ³ /s)	Stage (ft)
---	34.0

[Return to Water Resources of New York Home page](#)

Please direct questions or comments to [<webmaster@maildnialb.er.usgs.gov>](mailto:webmaster@maildnialb.er.usgs.gov) or contact:

Information Specialist
 U.S. Geological Survey
 425 Jordan Rd.

Troy, NY 12180
Tel. 518/285-5602

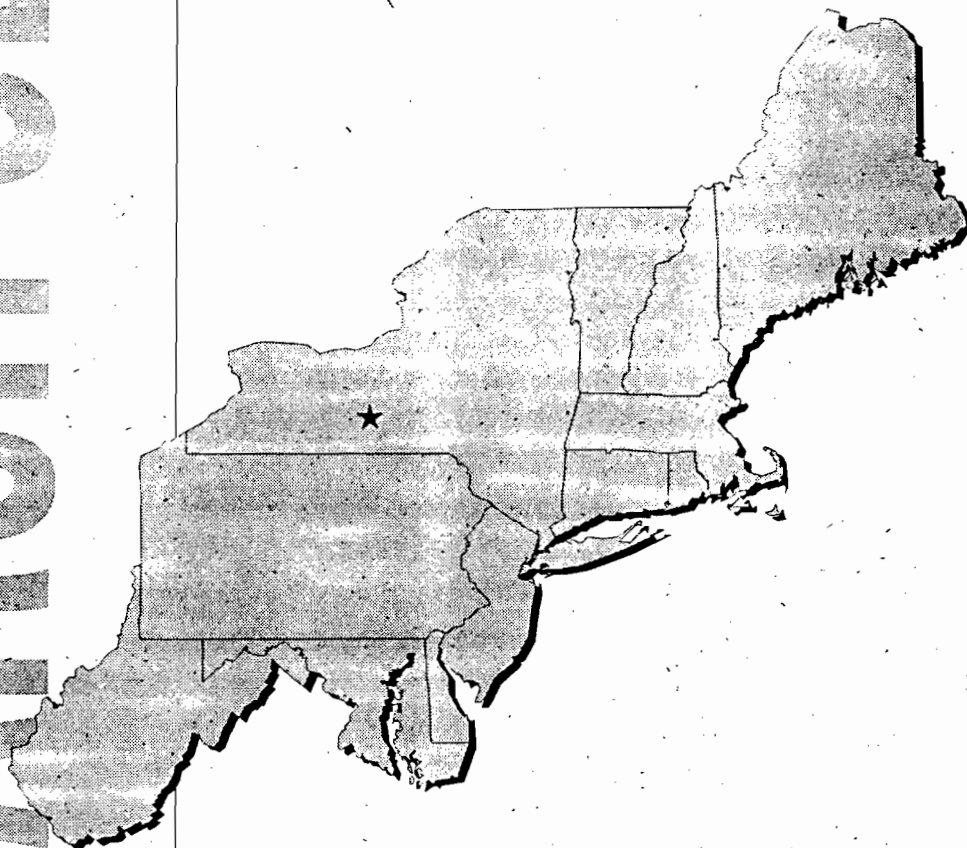
rt_www -- (rev 1.1)

REFERENCE 42

NORTHEAST REGIONAL CLIMATE CENTER

Atlas of Precipitation Extremes for the Northeastern United States and Southeastern Canada

Daniel S. Wilks
Richard P. Cember



Cornell University
Ithaca, New York
Publication No. RR 93-5
September 1993

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Two-Day Precipitation Accumulations

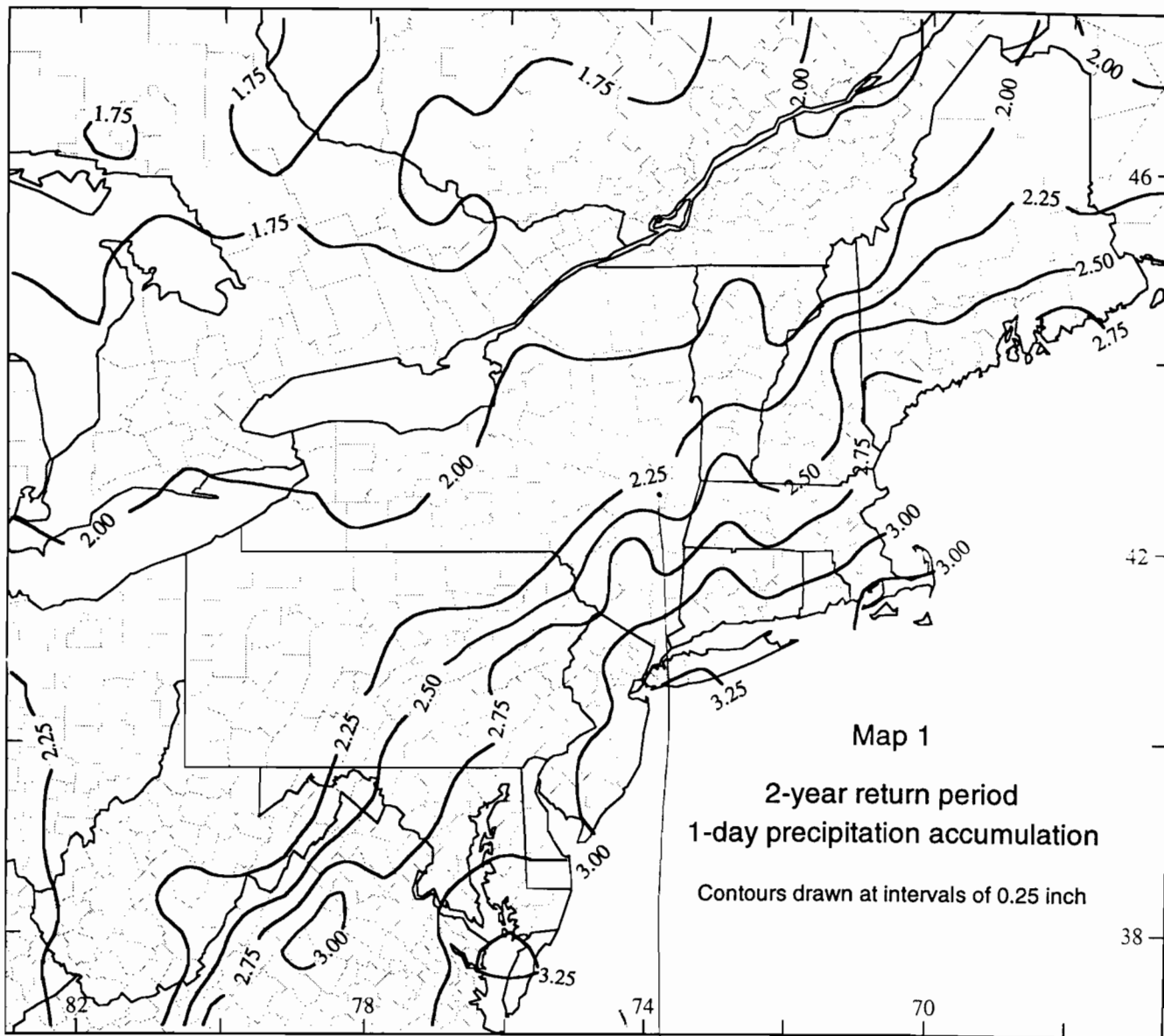
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approximate location
of Mechanicville, N.Y.

REFERENCE 43

**MEMORANDUM OF
CONVERSATION**

WHO: Dan Kendall

OF: NYSDEC, Albany Office (518) 457 - 1636

SPOKE WITH LMS EMPLOYEE: Laura Robinson

TELEPHONE NUMBER: _____

CALLED: ☐

WAS CALLED: ☒

JOB: Camarota Cleaners PSA

DATE: 5 November 1999

JOB NUMBER: 650 - 716 G531

TIME: 9:30 am

CONCERNING: Drainage area for Mechanicville.

AND DECIDED:

There is not a drainage area calculated for the City of Mechanicville. There are stream gage yearly reports that sometimes include drainage areas for different locations in the Hudson River; these are drainage areas of the Hudson River. The NYS USGS publishes a book titled Water Resources Data, Eastern New York, Volume I, 1998. There are area drainage areas listed for Stillwater (about 5 miles up stream from Mechanicville) and Waterford (about 5 miles down stream from Mechanicville). The drainage area for Stillwater is 3,773 square miles and the drainage area for Waterford is 4,620 square miles. The Waterford drainage area includes all of the Stillwater gage. It does not state when these drainage areas were calculated, although the book was published in 1998.

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

CC: _____ **REPLY:** **YES:** ☐ **NO:** ☐

REFERENCE 44

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

**SARATOGA COUNTY,
NEW YORK
(ALL JURISDICTIONS)**

PANEL 589 OF 693

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
HALFMOON, TOWN OF	36079	0589	E
MECHANICVILLE, CITY OF	360721	0589	E

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

**MAP NUMBER
36091C0589 E**

**EFFECTIVE DATE :
AUGUST 16, 1995**



Federal Emergency Management Agency

MAP REPOSITORY

Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP

AUGUST 16, 1995

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

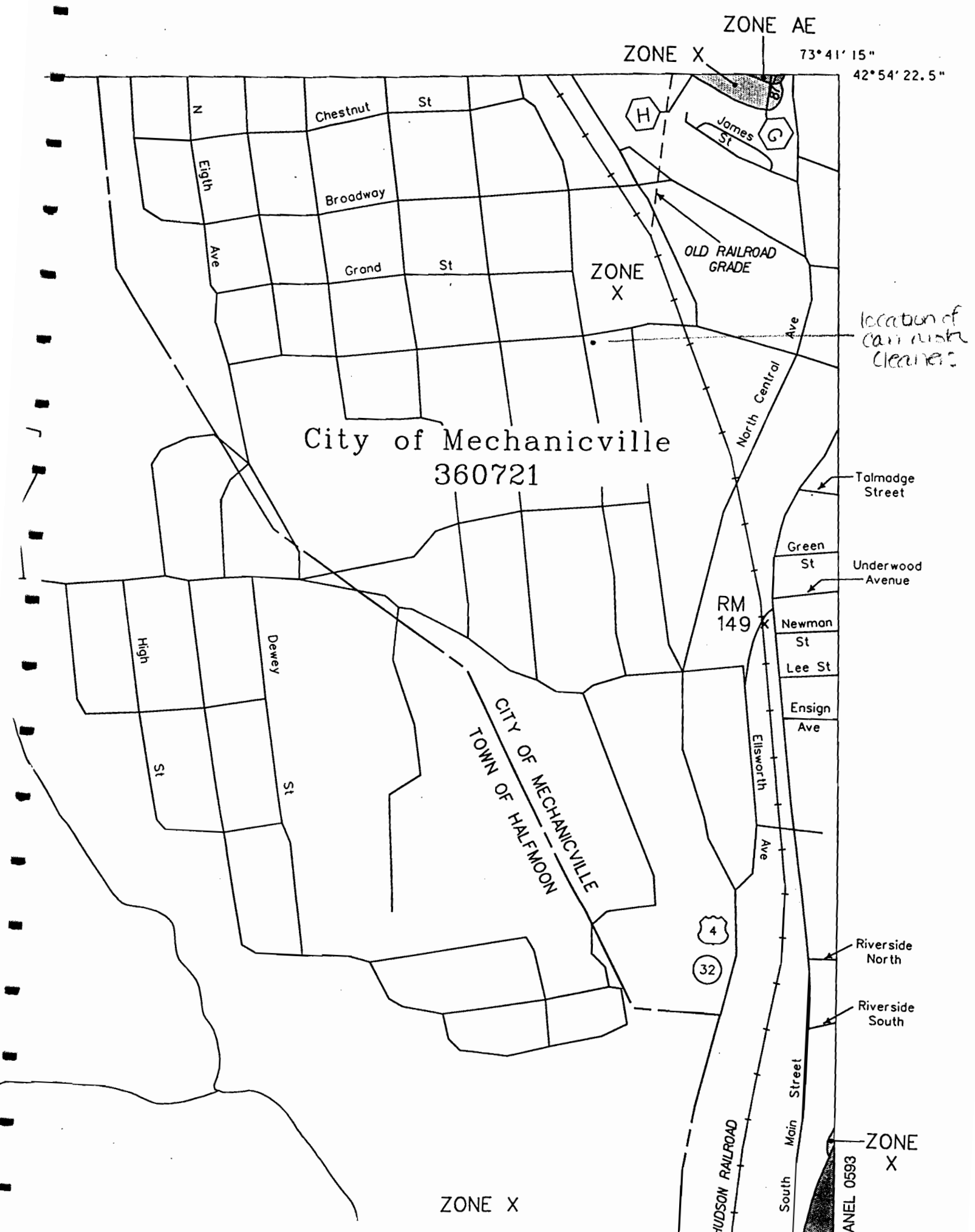
Refer to the FLOOD INSURANCE RATE MAP effective date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.



APPROXIMATE SCALE

500 0 500 FEET



LEGEND



SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD

- ZONE A No base flood elevations determined.
- ZONE AE Base flood elevations determined.
- ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE A99 To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE Coastal flood with velocity hazard (wave action); base flood elevations determined.



FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS



- ZONE X Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile, and areas protected by levees from 100-year flood.

OTHER AREAS



- ZONE X Areas determined to be outside 500-year floodplain.
- ZONE D Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS*



Identified
1983



Identified
1990



Otherwise
Protected Areas

* Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.



Floodplain Boundary



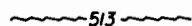
Floodway Boundary



Zone D Boundary



Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.



Base Flood Elevation Line; Elevation in Feet**



Cross Section Line

(EL 987)

Base Flood Elevation in Feet Where Uniform Within Zone**

RM7_x

Elevation Reference Mark

•M1.5

River Mile

**Referenced to the National Geodetic Vertical Datum of 1929

REFERENCE 45



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Water Quality in the Hudson River Basin, New York and Adjacent States, 1992-95

By Gary R. Wall, Karen Riva-Murray, and Patrick J. Phillips

U.S. GEOLOGICAL SURVEY CIRCULAR 1165

A contribution of the National Water-Quality Assessment (NAWQA) Program

The full text of this report will be on line this summer

- [National Water-Quality Assessment Program](#)
- [Summary of major issues and findings](#)
- [Environmental setting and hydrologic conditions](#)
- [Major issues and findings](#)
- [Water-quality conditions in a national context](#)
 - [Surface water](#)
 - [Ground water](#)
- [Study design and data collection](#)
- [Summary of compound detections and concentrations](#)
- [References](#)
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In-text links to figures generally point to the figure caption, below the actual figure.

|| [Next section](#) ||

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Wall, G.R., Riva-Murray, K., and Phillips, P.J., 1998, *Water Quality in the Hudson River Basin, New York and Adjacent States, 1992-95: U.S. Geological Survey Circular 1165*, on line at <URL: <http://water.usgs.gov/pubs/circ1165>>, updated May 1, 1998.

ISBN 0-607-89232-3

Further information:

Hudson River Basin NAWQA Study || National Water-Quality Assessment Program || U.S. Geological Survey

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Email questions and comments to nawqa91web@wa.water.usgs.gov

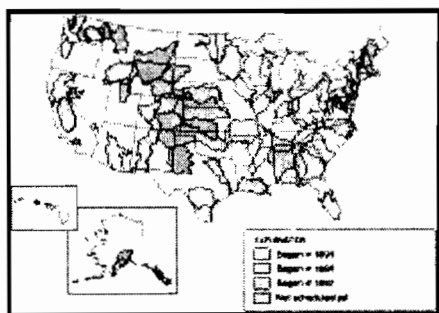
Last modified: Fri Jun 5 19:05:56 1998



Water Quality in the Hudson River Basin, New York and Adjacent States, 1992-95

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NATIONAL WATER-QUALITY ASSESSMENT PROGRAM



(19,657 bytes)

Knowledge of the quality of the Nation's streams and aquifers is important because of the implications to human and aquatic health and because of the significant costs associated with decisions involving land and water management, conservation, and regulation. In 1991, the U.S. Congress appropriated funds for the U.S. Geological Survey (USGS) to begin the National Water-Quality Assessment (NAWQA) Program to help meet the continuing need for sound, scientific information on the areal extent of the water-quality problems, how these problems are changing with time, and an understanding of the effects of human actions and natural factors on water quality conditions.

The NAWQA Program is assessing the water-quality conditions of more than 50 of the Nation's largest river basins and aquifers, known as Study Units. Collectively, these Study Units cover about one-half of the United States and include sources of drinking water used by about 70 percent of the U.S. population. Comprehensive assessments of about one-third of the Study Units are ongoing at a given time. Each Study Unit is scheduled to be revisited every decade to evaluate changes in water-quality conditions. NAWQA assessments rely heavily on existing information collected by the USGS and many other agencies as well as the use of nationally consistent study designs and methods of sampling and analysis. Such consistency simultaneously provides information about the status and trends in water-quality conditions in a particular stream or aquifer and, more importantly,

"The Hudson River Basin NAWQA program has provided the Department with crucial information and a solid monitoring foundation, to create our own statewide pesticide monitoring program. It is our expectation that expansion of the NAWQA work to include other important areas of New York State will enable us to successfully meet all State and Federal monitoring requirements and provide the Department with the data we need to make responsible pesticide registration decisions."

Larry Rosenmann -
New York State
Department of
Environmental
Conservation,

provides the basis to make comparisons among watersheds and improve our understanding of the factors that affect water-quality conditions regionally and nationally.

Division of Pesticides
and Radiation

This report is intended to summarize major findings that emerged between 1992 and 1995 from the water-quality assessment of the Hudson River Basin Study Unit and to relate these findings to water-quality issues of regional and national concern. The information is primarily intended for those who are involved in water-resource management. Indeed, this report addresses many of the concerns raised by regulators, water-utility managers, industry representatives, and other scientists, engineers, public officials, and members of stakeholder groups who provided advice and input to the USGS during this NAWQA Study-Unit investigation. Yet, the information contained here may also interest those who simply wish to know more about the quality of water in the rivers and aquifers in the area where they live.

"The NAWQA program has shown itself to be capable of generating high quality data of direct benefit to State agencies. NAWQA has provided the model for how different programs should work together and benefit from each other's research."

Robert Bode -
New York State
Department of
Environmental
Conservation,
Division of Water

Robert M. Hirsch, Chief Hydrologist

U.S. Geological Survey Circular 1165

[Table of contents](#) || [Next section](#)

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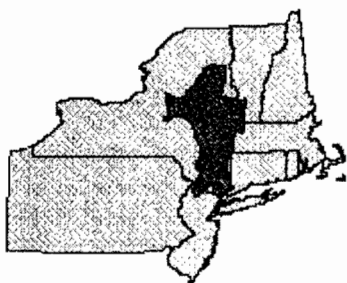
*This page is a subpage of <URL:<http://water.usgs.gov/pubs/circ1165>>
Email questions and comments to nawqa91web@wa.water.usgs.gov
Last modified: Fri Jun 5 19:01:42 1998*



Water Quality in the Hudson River Basin, New York and Adjacent States, 1992-95

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SUMMARY OF MAJOR ISSUES AND FINDINGS



STREAM-BOTTOM SEDIMENT - Stream-bottom sediments in some urban streams and at some sites on large rivers in the Hudson River Basin have elevated concentrations of metals, polychlorinated biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs) compared to results from sites in other NAWQA Study Units; some of these concentrations exceed federal or state water-quality standards.

- The Sawmill River at Yonkers, the most densely populated urban site studied in the Hudson River Basin, had some of the highest concentrations of metals in stream-bottom sediments among NAWQA sites nationwide (p. 6). Highly urban areas are the source of most of the metals in streams draining urban and large watersheds.
- The distribution of chromium concentrations in Hudson River stream-bottom sediments is consistent with previous observations of a point source of heavy metals on the upper Hudson River (p. 6-7).
- Concentrations of lead, mercury, and zinc in stream-bottom sediments were positively related to the percentage of urban land within the watershed. Many of the metals concentrations in sediment from urban sites exceeded the proposed New York State Department of Environmental Conservation (NYSDEC) Severe Effect Levels for stream-bottom sediment (p. 6-7).
- NYSDEC proposed Severe Effect Levels for metals were not exceeded in any stream-bottom-sediment samples from sites in forested or agricultural watersheds (p. 6).
- PCBs persist in stream-bottom sediment despite being banned more than 20 years ago. PCB

concentrations in Hudson River bottom-sediments exceeded the proposed NYSDEC criteria for human health bioaccumulation at all sites at which they were detected (p. 8-9) and were among the highest at NAWQA sites nationwide (p. 16).

- Spatial patterns in concentration of PAHs within the basin corresponded with factors such as location in the Hudson River Basin and proximity to urban areas (p. 8).

FISH TISSUE - Although banned for more than 20 years, PCBs, DDT and (or) its breakdown products were detected in composites of whole fish from many sites, and were most frequently detected in samples from sites on large rivers and in small urban watersheds.

- PCB concentrations in composite whole-fish samples from the Hudson River at Poughkeepsie and the Mohawk River near Utica exceeded the Food and Drug Administration (FDA) action level of 2,000 micrograms per kilogram of edible flesh (fillets). This indicates the potential for elevated concentrations in edible portions, and has prompted further investigation and fish-consumption advisories for selected species in a 40-mile section of the Mohawk River. Consumption advisories remain in effect for most species in parts of the Hudson River (p. 9).
- Concentrations of organochlorine compounds other than PCBs in composites of whole fish were below FDA action levels for edible flesh at all sites sampled. This suggests that concentrations in edible portions of these samples would not have exceeded FDA action levels for those compounds (p. 8).
- PCBs, DDT and its breakdown products, and chlordane were more likely to be detected in fish tissue than in stream-bottom sediments at sites where both whole fish samples and stream-bottom sediment samples were collected. This suggests that bioaccumulation through the food chain occurs even where these compounds cannot be detected in stream-bottom sediment (p. 8).

STREAM ECOLOGY - Most agricultural and urban streams studied supported a smaller number of intolerant fish and macroinvertebrate species than that expected in streams with undisturbed chemistry and (or) habitat.

- Fish communities at the three most highly urbanized sites sampled were numerically dominated by a single fish species. Intolerant species were entirely absent or rare at these sites (p. 10-11).
- Stream-habitat degradation was severe at channelized sites in cities and was moderate at agricultural sites where streambank vegetation had been removed and where streambank erosion had occurred (p. 11, 17). Benthic macroinvertebrate groups sensitive to suspended and (or) deposited sediment appear to be replaced by sediment-tolerant species in streams with streambank erosion (p. 11).
- Urban streams in some densely populated watersheds with undisturbed streambanks supported larger numbers of fish species intolerant to impaired water quality than urban streams with disturbed streambanks (p. 11, 17). The presence of an extensive, forested buffer zone on and adjacent to streambanks appears to mitigate potential adverse effects of urban and agricultural

land use on fish communities.

SURFACE-WATER AND GROUND-WATER CHEMISTRY - The concentrations of dissolved pesticides and nutrients in samples from most sites in the Hudson River Basin were below the national median concentrations. In some samples, however, water-quality standards or guidelines for these and other constituents were exceeded.

- In general, concentrations of pesticides and other dissolved constituents are low in ground water and surface waters of the Hudson River Basin. Although 18 different pesticides or pesticide-degradation compounds were detected in three streams sampled at least monthly over 2 years (total of 108 samples), only 2 samples contained a pesticide concentration higher than a U.S. Environmental Protection Agency (USEPA) drinking-water standard; however, only 12 of the 18 compounds have established standards (p. 12).
- Atrazine was the most commonly detected pesticide in surface water and ground water and was found in nearly every sample in which any other pesticide was detected (p. 13-14). Atrazine is one of the most commonly used pesticides in the basin, hence the frequency of its detection with other pesticides is not unusual.
- Although pesticides were detected throughout the year, pesticide concentrations in streams were generally highest immediately after field application and during the first storm runoff following application (p. 13).
- In a spring 1994 survey of 46 stream and river sites in the Hudson River Basin, 32 percent of pesticide detections were insecticides in streams draining watersheds with a significant percentage of urban land. This rate of detection was 3.5 times that of streams draining agricultural or mixed-land-use watersheds. Fifty percent of all insecticide detections were in streams draining urban areas, a disproportionate amount given that only 22 percent of the streams sampled drained these areas (p. 14). The percentage of insecticide detections in urban areas reflects the use of these products on lawns and similar non-agricultural areas.
- Pesticides were detected in ground water from 25 percent of wells used for domestic water supply, no more than 2 pesticides were detected at any individual well (p. 14), and none of these detections were at concentrations above any available USEPA drinking-water standard.
- Nitrate concentration in ground water indicated the effects of human activity (concentration greater than 3.0 mg/L) in 38 percent of the samples from beneath agricultural fields, in 23 percent of the samples from beneath urban/residential areas, and in 16 percent of the samples from domestic wells (p. 15).
- Nitrate concentrations in ground water beneath agricultural areas were above the national median for such areas (p. 18). Two of sixteen wells sampled (12.5 percent) had concentrations above the USEPA Maximum Contaminant Level (MCL) (10 mg/L), however none of the wells was used as a source of drinking-water (p. 15).
- About one-third of the ground-water samples from beneath urban/residential areas contained at least one volatile organic compound, but none of the concentrations exceeded any available water-quality standards (p. 19).

U.S. Geological Survey Circular 1165

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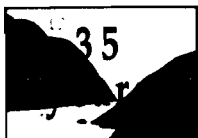
Wall, G.R., Riva-Murray, K., and Phillips, P.J., 1998, Water Quality in the Hudson River Basin, New York and Adjacent States, 1992-95: U.S. Geological Survey Circular 1165, on line at <URL: <http://water.usgs.gov/pubs/circ1165>>, updated May 1, 1998.

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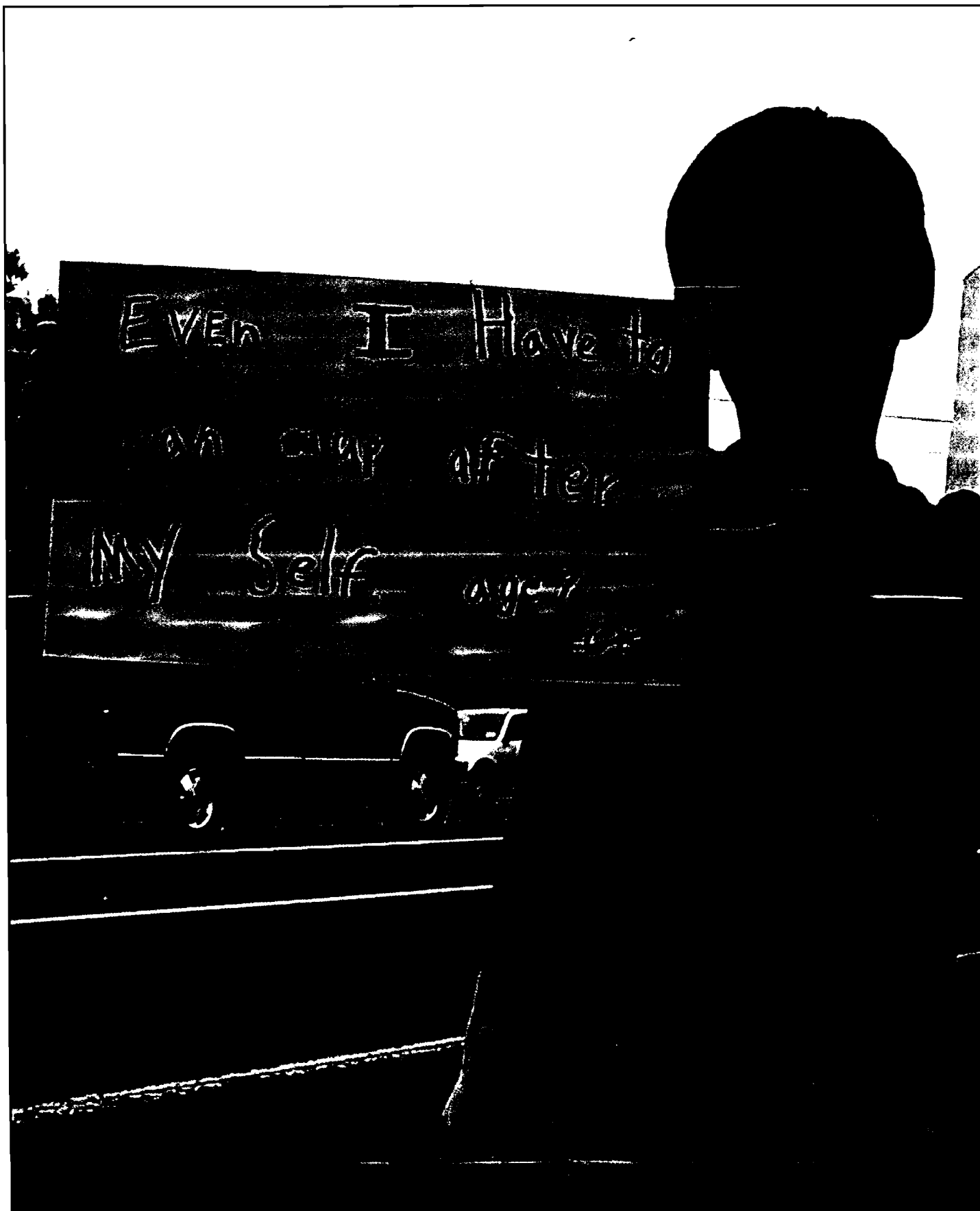
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REFERENCE 46



SCENIC HUDSON NEWS



Push for PCB Cleanup Intensifies

by Cara Lee

Environmental Protection Agency (EPA) Chief Carol Browner pledged that after years of delay, EPA will reach a Superfund decision about clean-up of polychlorinated biphenyls (PCBs) from the Hudson River by June 2001. As this deadline approaches, the General Electric Company (GE) has ratcheted up its public relations campaign to convince the public and decision-makers that the Hudson is cleaning *itself* up and that there is no need for remedial action. This year, GE also released a much-publicized report claiming that PCBs do not pose a human health threat.

GE has "written the book" on how to subvert and delay Superfund decision-making, and the Hudson River continues to be a case in point. By delaying a decision, the company defers multi-million dollar clean-up costs. Perhaps more significant is the fact that once EPA makes a decision, a Natural Resource Damage lawsuit will be triggered, which could cost the company billions. This type of claim can be brought by government agencies to restore (in dollars) the natural resource values that have been lost due to pollution. New York State and several federal agencies have concluded that Hudson River PCBs meet the criteria for this claim, and are busy preparing their case.

While GE deploys delay tactics, their lobbyists work to change the laws that hold the company liable for clean-up costs. Should this occur, the Hudson Valley would be left with the country's worst PCB contamination and unacceptable health risks, while the company reaps huge benefit from the unspent clean-up and restoration dollars.

Scenic Hudson has worked relentlessly to secure a PCB cleanup for the Hudson River for more than a decade. As the finish line approaches, we will continue to educate and mobilize the public, debunk misinformation and keep the vision of a cleaner, healthier and "PCB-free" river before our decision-makers (see back cover). ♦

Striper Hype: PCBs and Hudson River Fish

by Cara Lee

The possibility of reopening the Hudson River striped bass fishery has caught media attention, with papers replete with pictures of eager sports fishermen. The media buzz was the result of state fish testing data showing that striped bass caught between Poughkeepsie and New York City had levels below 2 parts per million (ppm), the level used by the Food and Drug Administration (FDA) to determine whether contaminated fish can be sold commercially.

The enthusiasm of the possible fishery reopening is warranted—the Hudson is home to magnificent striped bass! A dilemma, however, arises from continued risk associated with consumption of Hudson River fish. The Hudson's commercial striped bass fishery has been closed since 1977 because of PCB contamination. Currently, there is an "EAT NONE" health advisory for women of child-bearing age and children, for striped bass and all other Hudson River fish.

Why would contaminated fish accompanied by a stringent health advisory be allowed in the marketplace? Because, FDA set the 2 ppm standard based on the assumption that people buying fish would

not eat too much fish from any one location, thus increasing their toxic intake. FDA also acknowledged that economic considerations were a factor in this level being chosen.

The Department of Health must make a difficult decision. While reopening the fishery would sustain the handful of remaining commercial fishermen, there is also concern that this may send a confusing message to the angling public. A recent survey indicates that many people catch, eat and share Hudson River fish without the benefit of information about the risks. The survey also found that the most frequently consumed species of fish are the most contaminated ones.



This DEC Field Technician measures a striped bass.

Cara Lee

Studies show that children born to women who ate PCB-contaminated fish from the Great Lakes had distinct response deficits at birth that stayed with them as they matured. A correlation has also been established between lower IQ and higher PCB exposure in utero.

Based on this information, other states are setting standards at a fraction of the FDA's limits. Connecticut plans to adopt a standard of 1/20 of the FDA standard, despite the fact that PCB levels are declining in that state's waterways. Likewise, experts from the Great Lakes region have endorsed a PCB standard of 1/40 of the FDA standard. ♦

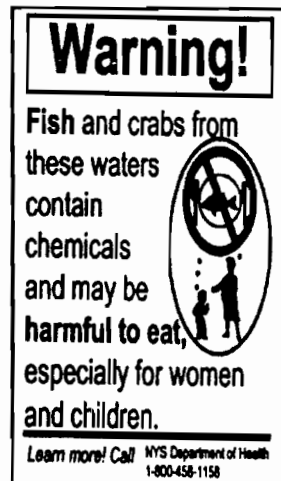
Fish Advisories Posted

by Rich Schiafo

Two types of signs are being posted by the Department of Health (DOH) to inform anglers about potential health risks of eating Hudson River fish.

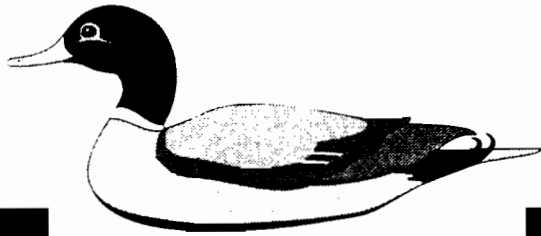
From the Rip Van Winkle Bridge south to Manhattan the signs read, "Notice! Some fish and crabs from these waters may be harmful to eat." Higher levels of contaminants, primarily PCBs in the Upper Hudson, have prompted the DOH to post a more strongly worded sign from the Rip Van Winkle Bridge, in Catskill, north to Troy (see graphic). This warning! sign depicts a pregnant woman, a child, and a fish on a plate with a line through it.

Both signs encourage anglers to call 1-800-458-1158 to learn more about the advisories but neither clearly communicates the most important aspect of the fish advisory: women of childbearing age and all children should not eat any fish from any section of the Hudson River. ♦

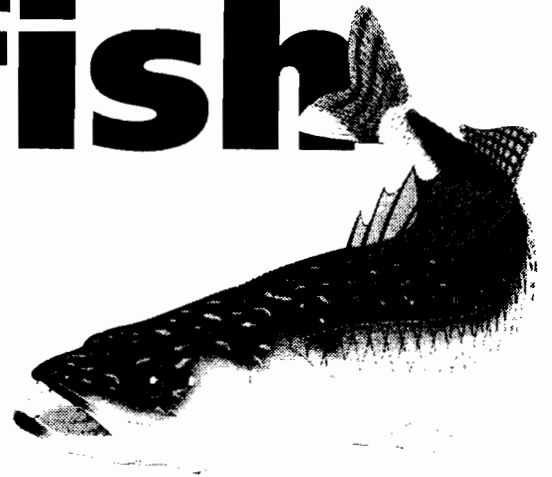


REFERENCE 47

New York State Department of Health
Health Advisories



Chemicals **in Game and** **Sportfish**



1999-2000



These advisories are also available from the New York State Department of Health Web site on the Internet: *<http://www.health.state.ny.us/nysdoh/envirom/fish.htm>*

In an effort to reduce the costs of printing, please notify us if you wish your name to be deleted from our mailing list or if your address has changed. Comments regarding the format or content of this booklet are welcome. Use the telephone number for Environmental Health Information listed on page 18 or e-mail: *BTSA@health.state.ny.us*

1999-2000 Health Advisories: Chemicals in Sportfish and Game

Summary

The New York State Department of Health (DOH) issues advisories on eating sportfish and game because some of these foods contain chemicals at levels that may be harmful to your health. These advisories are for sportfish and game that people take and are not for fish and game sold in markets. The health advisories are: (1) general advice on sportfish taken from waters in New York State; (2) advice on sportfish from specific waterbodies; and (3) advice on eating game. The advisory tells you how to minimize your exposure to contaminants in sportfish and game and reduce whatever health risks are associated with them. The advisories are updated yearly.

Background

Fish and game are nutritious and good to eat. But some fish may take in contaminants from the water they live in and the food they eat. Game, too, may take in contaminants from their food and water. Some of these contaminants build up in fish and game--and in people--over time. These contaminants could harm people, so it is important to keep your exposure to these contaminants as low as possible.

The federal government sets standards for chemicals in food that is sold commercially, including fish. The decision to eat sportfish or game that you take is not regulated by government. Instead, state governments issue advisories. In New York State, the Department of Environmental Conservation (DEC) routinely monitors contaminant levels in fish and game and DOH issues advisories when sportfish have contaminant levels greater than federal standards.

These advisories are not intended to discourage you from eating fish or game, but should be used as a guide to minimize your exposure to contaminants.

Health Benefits

When properly prepared, fish provide a diet high in protein and low in saturated fats. Almost any kind of fish may have real health benefits if it replaces a high-fat source of protein in the diet. You can get the health benefits of fish and reduce unwanted contaminants by following the guidelines in these advisories.

Contaminants in Fish and Game

Long-lasting contaminants, such as PCBs, DDT and cadmium, build up in your body over time. It may take months or years of regularly eating contaminated fish or game to build up amounts that are a health concern. Health problems that may result from the contaminants found in fish or game range from small changes in health that are hard to detect to birth defects and cancer. Mothers who eat highly contaminated fish and game before becoming pregnant may have children who are slower to develop and learn. The meal advice in this advisory is also intended to protect children from these potential developmental problems. Women beyond their childbearing years and men face fewer health risks from contaminants than children do. People in this group should follow the advisory to reduce their total exposure to contaminants.

Some contaminants cause cancer in animals. We cannot predict with certainty your risks of cancer from eating contaminated fish or game. Cancer currently affects about one in every three people, primarily due to smoking, diet and hereditary risk factors. Exposure to contaminants in the fish and game you eat may not increase your cancer risk at all. If you follow this advisory over your lifetime, you will minimize your exposure and reduce whatever cancer risk is associated with these contaminants.

More information about the chemicals that have led to advisories in New York State sportfish and game and potential health effects

can be found on page 15. When the federal government sets standards for fish, it generally assumes that people eat about a half-pound of fish each month. The contaminant levels are measured in a skin-on fillet which has not been trimmed; this sample is used in determining whether or not the fish exceeds standards. Fish cannot be legally sold if they contain a contaminant at a level greater than its standard. When sportfish from a waterbody contain contaminants at levels greater than the federal standards, DOH issues a specific advisory.

General Advisory for Eating Sportfish

The general health advisory for sportfish is that you eat no more than one meal (one-half pound) per week of fish taken from the state's freshwaters and some marine waters at the mouth of the Hudson River. These include the New York waters of the Hudson River, Upper Bay of New York Harbor (north of Verrazano Narrows Bridge), Arthur Kill, Kill Van Kull, Harlem River and the East River to the Throgs Neck Bridge (see map on page 13). This general advisory is to protect against eating large amounts of fish that have not been tested or may contain unidentified contaminants. The general advisory does not apply to most marine waters.

Specific Advisories for Freshwater, the Hudson River and the Upper Bay of New York Harbor

Fish from more than 60 waterbodies in New York have contaminant levels that are greater than federal standards. For these waters, DOH recommends either limiting or not eating a specific kind of fish (see pages 5 to 11). In some cases, enough information is available to issue advisories based on the length of the fish. Older (larger) fish are often more contaminated than younger (smaller) fish.

The contaminants that led to the advisory (mercury, cadmium, PCBs, chlordane, dioxin, DDT and mirex) are listed next to each advisory. If you eat fish from more than one water body with these advisories, you should limit consumption from all of the waters you fish. For example, if you eat a meal of Saw Mill River carp, you should not eat American eel from Kinderhook Lake for the rest of that month since both of these fish species

have EAT NO MORE THAN ONE MEAL PER MONTH advisories and both are based on PCB contamination.

Advisory for Women, Infants and Children

Health advice is also given for infants, children under the age of 15 and women of childbearing age. DOH recommends that these groups not eat any fish from the specific waterbodies listed in the advisory. The reason for this specific advice is that chemicals may have a greater effect on developing organs in young children or in the fetus. They also build up in women's bodies and are often passed on in mother's milk. Waters that have specific advisories have at least one species of fish with an elevated contaminant level, which means that a contamination source is or was in or near the water.

When eating fish from waters where cadmium or mercury are listed as primary contaminants, it is important to space out fish meals according to the specific advisory for that waterbody. For example, if you eat a meal of yellow perch from Moshier Reservoir, you should not eat any more fish with the same mercury advisory for the rest of that month. However, for other contaminants, the total number of meals that you eat during the year is important and many of those meals can be eaten during a few months of the year. If most of the fish you eat are from the ONE MEAL PER WEEK category, you should not exceed 52 meals per year. Likewise, if most of the fish you eat are in the ONE MEAL PER MONTH category, you should not exceed 12 meals per year. Remember, eating one meal of fish from the ONE MEAL PER MONTH group is the same as eating four meals from the ONE MEAL PER WEEK group.

Advisories for Other Marine Waters

DOH also issues specific advisories for Long Island Sound, Block Island Sound, Peconic/Gardiners Bays, the Lower Bay of New York Harbor, Jamaica Bay and other Long Island south shore waters (see maps on pages 13 and 14). These apply to striped bass, bluefish and American eels and are the only fish advisories that apply to these waters. Ocean fish, although tested less often, are generally less contaminated than freshwater fish.

However, striped bass, bluefish and eels have specific habits or characteristics that make them more likely to have contaminants than other marine species (see page 14).

Advisories for Chemical Contaminants in Crabs and Lobsters

DOH has a special advisory to eat no more than six Hudson River blue crabs per week and to avoid consuming crab cooking liquid due to cadmium and PCB contamination. DOH also recommends that you not eat the soft green substance (mustard, tomalley, liver or hepatopancreas) found in the body section of crabs and lobsters from any waters, because cadmium, PCBs and other contaminants concentrate there.

Advisories for Eating Game

DOH also issues advisories about eating some game. These are on page 14 of this booklet and include advisories for eating snapping turtles and waterfowl statewide because they contain PCBs and other contaminants. Because these contaminants concentrate in fat, you can minimize your exposure by not eating fat from these game and by following the cooking and eating advice on page 14.

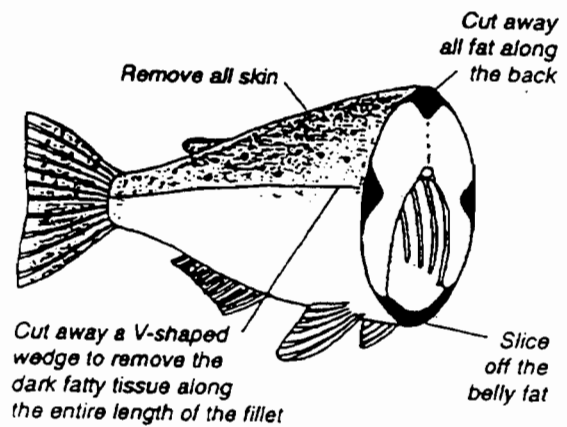
Deformed or Abnormal Fish

The health implications of eating deformed or abnormal fish are unknown. Any obviously diseased fish (marked by tumors, lesions or other abnormal condition of the fish skin, meat or internal organs) should be discarded.

Cleaning and Cooking Your Fish

Many contaminants are found at higher levels in the fat of fish. You can reduce the amount of these contaminants in a fish meal by properly trimming, skinning and cooking your catch. Remove the skin and trim all the fat from the belly flap, the line along the sides, the fat along the back and under the skin (see the diagram at the top of the next column).

Cooking or soaking fish cannot eliminate the contaminants, but heat from



cooking melts some of the fat in fish and allows some of the contaminated fat to drip away. Broil, grill or bake the trimmed, skinned fish on a rack so that the fat drips away. Do not use drippings to prepare sauces or gravies.

These precautions will not reduce the amount of mercury or other metals. Mercury is distributed throughout a fish's muscle tissue (the part you eat), rather than in the fat and skin. Therefore, the only way to reduce mercury intake is to reduce the amount of contaminated fish you eat.

Good sanitary practices should be followed when preparing any fish. Fish should be kept iced or refrigerated until cleaned and filleted and then refrigerated until cooked. Hands, utensils and work surfaces should be washed before and after handling any raw food, including fish. Seafood should be cooked to an internal temperature of 140°F.

Advice on Eating Raw or Partially Cooked Fish, Shellfish and Other Meats

Foods of animal origin, such as pork, poultry, beef, dairy products, fish and shellfish, can be contaminated with bacteria, viruses or parasites that can cause illness. Persons at high risk (for example, those who are immunocompromised, suffer from liver disease or other chronic diseases) can be more susceptible to and more severely affected by these infectious diseases. This is why the Department of Health recommends that all of these foods be thoroughly cooked before eating. Government agencies, universities and the food industry have active programs that strive to minimize contamination of raw animal foods and assure safe food products.

Information on rules and regulations,

including areas in which clam, oyster and mussel collection is permitted, can be obtained from DEC by calling (516) 444-0475. DEC routinely tests clam, oyster and mussel beds for bacteria. Based on these tests, an area may be closed to clam, oyster and mussel harvesting. Call DEC at (516) 444-0480 for a list of emergency closures.

Fish From Waters Affected by Beach Wash-ups

There is no indication that the wash-up of medical-type waste and garbage on New York and Long Island beaches has affected the sanitary condition of marine fish, lobster and crabs. Fish do not carry the AIDS virus. Consumers need not worry about eating these foods because of these problems. Good sanitary practices should be followed when preparing fish or any other food.

Reducing Exposure To Chemical Contaminants From Fish

Fish are an important source of protein and are low in saturated fat. Naturally occurring fish oils lower plasma cholesterol and triglycerides, thereby decreasing the risk of coronary heart disease. Increasing fish consumption is useful in reducing dietary fat and controlling weight. By eating a diet that includes food from a variety of protein sources, an individual is more likely to have a diet that is adequate in all nutrients.

Although eating fish has some health benefits, fish with high contaminant levels should be avoided. When deciding whether or not to eat fish that may be contaminated, the benefits of eating those fish can be weighed against the risks.

For young women, eating contaminated fish is a health concern not only for themselves but also for any unborn or nursing child, since the chemicals may reach the unborn babies and

can be passed on in mother's milk. For an older person with heart disease, the risks, especially of long-term health effects, may not be as great a concern when compared to the benefits of reducing the risks of heart disease.

Everyone can benefit from eating the fish they catch and can minimize their contaminant intake by following these general recommendations:

1. Choose fish from waterbodies that are not listed in the DOH advisories. Follow the advice in this booklet.
2. Use a method of filleting the fish that will reduce the skin, fatty material and dark meat. These parts of the fish contain many of the contaminants.
3. Choose smaller fish, consistent with DEC regulations, within a species since they may have lower contaminant levels. Older (larger) fish within a species may be more contaminated because they have had more time to accumulate contaminants in their bodies.
4. Do not eat the soft green tissue (mustard, tomalley, liver or hepatopancreas) found in the body section of crab and lobster. This tissue has been found to contain high levels of chemical contaminants, including PCBs and heavy metals.
5. Cooking methods such as broiling, poaching, boiling and baking, which allow contaminants from the fatty portions of fish to drain out, are preferable. Pan frying is not recommended. The cooking liquids of fish from contaminated waters should be discarded since these liquids may retain contaminants.
6. Anglers who want to enjoy the fun of fishing but who wish to eliminate the potential risks associated with eating contaminated sportfish may want to consider "catch and release" fishing. Refer to the DEC *New York State Fishing Regulations Guide* for suggestions on catch and release fishing techniques.

1999-2000 Health Advisories

The following recommendations are based on contaminant levels in fish and game. To minimize potential adverse health impacts, the DOH recommends:

- **Eat no more than one meal (one-half pound) per week** of fish from the state's freshwaters, the Hudson River estuary, Upper Bay of New York Harbor (north of the Verrazano Narrows Bridge), Arthur Kill, Kill Van Kull, East River to the Throgs Neck Bridge and Harlem River, except as recommended below.
- **Women of childbearing age, infants and children under the age of 15 should not eat** any fish species from waters listed below.
- **Follow trimming and cooking advice.**
- Observe the following restrictions on eating fish from these waters and their tributaries to the first barrier impassable by fish.
- Advice for other marine waters is on page 14.

Water (County)	Species	Recommendations	Chemical(s) of Concern
Arthur Kill [52] (Richmond)	See Hudson River (south of Catskill)		PCBs
<u>Ashokan Reservoir</u> [47] (Ulster)	Smallmouth bass over 16"	Eat no more than one meal per month	Mercury
Barge Canal [4] Tonawanda Creek Lockport to Niagara River (Erie & Niagara)	Carp	Eat no more than one meal per month	PCBs
Belmont Lake [64] (Suffolk)	Carp	Eat no more than one meal per month	Chlordane, PCBs
Big Moose Lake [28] (Herkimer)	Yellow perch	Eat no more than one meal per month	Mercury
Buffalo River/Harbor [6] (Erie)	Carp	Eat none	PCBs
<u>Canadice Lake</u> [9] (Ontario)	Lake or brown trout	Eat no more than one meal per month	PCBs
Canandaigua Lake [10] (Ontario & Yates)	Lake trout over 24"	Eat no more than one meal per month	PCBs
Carry Falls Reservoir [31] (St. Lawrence)	Walleye	Eat no more than one meal per month	Mercury
Cayuga Creek [2] (Niagara)	All species	Eat none	Dioxin

Waters with changes from 1998-99 Health Advisories are underlined.
Numbers in brackets refer to map on page 12.

Water (County)	Species	Recommendations	Chemical(s) of Concern
Cranberry Lake [30] (St. Lawrence)	Smallmouth bass	Eat no more than one meal per month	Mercury
Delaware Park Lake [5] (Erie)	Carp	Eat no more than one meal per month	PCBs
East River [51] (NYC)	American eel	Eat none	PCBs
	Atlantic needlefish, bluefish, striped bass and white perch	Eat no more than one meal per month	PCBs
Eighteen Mile Creek [3] (Niagara)	All species	Eat none	PCBs
Ferris Lake [20] (Hamilton)	Yellow perch over 12"	Eat none	Mercury
	Smaller yellow perch	Eat no more than one meal per month	Mercury
Fourth Lake [21] (Herkimer & Hamilton)	Lake trout	Eat none	DDT
Francis Lake [23] (Lewis)	Yellow perch	Eat no more than one meal per month	Mercury
Freeport Reservoir [62] (Nassau)	Carp	Eat no more than one meal per month	Chlordane
Grant Park Pond [57] (Nassau)	Carp	Eat no more than one meal per month	PCBs
Grasse River [34] Mouth to Massena Power Canal (St. Lawrence)	All species	Eat none	PCBs
Halfmoon Lake [22] (Lewis)	Yellow perch	Eat no more than one meal per month	Mercury
Hall's Pond [58] (Nassau)	Carp and goldfish	Eat none	Chlordane
Harlem River [50] (NYC)	American eel	Eat none	PCBs
	Atlantic needlefish, bluefish, striped bass and white perch	Eat no more than one meal per month	PCBs

Waters with changes from the 1998-99 Health Advisories are underlined.

Numbers in brackets refer to map on page 12.

Please note the special advice for **women of childbearing age, infants and children under the age of 15** on page 5.

Water (County)	Species	Recommendations	Chemical(s) of Concern
Herrick Hollow Creek [44] (Delaware)	Brook trout	Eat no more than one meal per month	PCBs
Hoosic River [39] (Rensselaer)	Brown trout over 14"	Eat no more than one meal per month	PCBs
Hudson River [43] Sherman Island Dam downstream to Feeder Dam at South Glens Falls	Carp	Eat no more than one meal per month	PCBs
Hudson Falls to Troy Dam	All species	Eat none	PCBs
Troy Dam south to bridge at Catskill	All species except Alewife, American shad, blueback herring, rock bass and yellow perch	Eat none	PCBs
	Alewife, blueback herring, rock bass and yellow perch	Eat no more than one meal per month	PCBs
	American shad (general advisory)	Eat no more than one meal per week	PCBs
Bridge at Catskill south to and including the Upper Bay of New York Harbor (north of Verrazano Narrows Bridge), Arthur Kill and Kill Van Kull	American eel, Atlantic needlefish, bluefish, carp, goldfish, largemouth bass, smallmouth bass, rainbow smelt, striped bass, walleye, white catfish and white perch	Eat no more than one meal per month	PCBs
	Blue crab	Eat no more than six crabs per week	Cadmium, PCBs
	--hepatopancreas (mustard, tomalley, or liver)	Eat none	Cadmium, PCBs
	--cooking liquid	Discard	Cadmium, PCBs
Dobbs Ferry south to Greystone	American eel	Eat none	PCBs
	Other species	See advisories for Hudson River south of Catskill (above)	

Waters with changes from the 1998-99 Health Advisories are underlined.

Numbers in brackets refer to map on page 12.

Please note the special advice for **women of childbearing age, infants and children under the age of 15** on page 5.

Water (County)	Species	Recommendations	Chemical(s) of Concern
Indian Lake [29] (Lewis)	All species	Eat no more than one meal per month	Mercury
Irondequoit Bay [8] (Monroe)	Carp	Eat none	PCBs, Mirex
Keuka Lake [11] (Yates & Steuben)	Lake trout over 25"	Eat no more than one meal per month	DDT
Kill Van Kull [53] (Richmond)	See Hudson River (south of Catskill)		PCBs
Kinderhook Lake [42] (Columbia)	American eel	Eat no more than one meal per month	PCBs
Koppers Pond [12] (Chemung)	Carp	Eat no more than one meal per month	PCBs
Lake Capri [65] (Suffolk)	Carp	Eat no more than one meal per month	Cadmium
Lake Champlain [36] Whole Lake	Lake trout over 25" and walleye over 19"	Eat no more than one meal per month	PCBs, Mercury
Bay within Cumberland Head to Crab Island	American eel, brown bullhead and yellow perch	Eat no more than one meal per month	PCBs
Lake Ontario [7] Including Niagara River below Niagara Falls (see Niagara River for additional advice)	American eel, channel catfish, carp, lake trout over 25", brown trout over 20" and chinook salmon	Eat none	PCBs, Mirex, Dioxin
	White sucker, rainbow trout, smaller lake trout, smaller brown trout and coho salmon over 25"	Eat no more than one meal per month	PCBs, Mirex, Dioxin
West of Point Breeze	White perch	Eat none	PCBs, Mirex, Dioxin
East of Point Breeze	White perch	Eat no more than one meal per month	PCBs, Mirex, Dioxin
Loft's Pond [60] (Nassau)	Carp and goldfish	Eat no more than one meal per month	Chlordane

Waters with changes from the 1998-99 Health Advisories are underlined.

Numbers in brackets refer to map on page 12.

Please note the special advice for **women of childbearing age, infants and children under the age of 15** on page 5.

Water (County)	Species	Recommendations	Chemical(s) of Concern
Long Pond-Croghan [27] (Lewis)	Splake over 12"	Eat none	Mercury
Upper Massapequa Reservoir [63] (Nassau)	White perch	Eat no more than one meal per month	Chlordane
Massena Power Canal [33] (St. Lawrence)	Smallmouth bass	Eat no more than one meal per month	PCBs
Meacham Lake [35] (Franklin)	Yellow perch over 12"	Eat none	Mercury
	Smaller yellow perch	Eat no more than one meal per month	Mercury
Mohawk River [18] Between Oriskany and West Canada Creeks (Oneida & Herkimer)	Carp	Eat none	PCBs
	Largemouth bass and tiger muskellunge	Eat no more than one meal per month	PCBs
Moshier Reservoir [26] (Herkimer)	Yellow perch	Eat no more than one meal per month	Mercury
Nassau Lake [41] (Rensselaer)	All species	Eat none	PCBs
Neversink Reservoir [45] (Sullivan)	Smallmouth bass	Eat no more than one meal per month	Mercury
New York Harbor [54]	See Hudson River (south of Catskill) and marine waters advice on page 14		PCBs
Niagara River [1] Above Niagara Falls Below Niagara Falls (also see Lake Ontario)	Carp	Eat no more than one meal per month	PCBs
	White perch	Eat none	PCBs, Mirex, Dioxin
	Smallmouth bass	Eat no more than one meal per month	PCBs, Mirex, Dioxin
Onondaga Lake [14] (Onondaga)	Walleye	Eat none	Mercury
	All other species	Eat no more than one meal per month	Mercury

Waters with changes from the 1998-99 Health Advisories are underlined.

Numbers in brackets refer to map on page 12.

Please note the special advice for **women of childbearing age, infants and children under the age of 15** on page 5.

Water (County)	Species	Recommendations	Chemical(s) of Concern
Oswego River [15] Oswego power dam to upper dam at Fulton (Oswego)	Channel catfish	Eat no more than one meal per month	PCBs
Ridders Pond [56] (Nassau)	Goldfish	Eat none	Chlordane
Rondout Reservoir [46] (Sullivan and Ulster)	Smallmouth bass over 16"	Eat no more than one meal per month	Mercury
Round Pond [37] Town of Long Lake (Hamilton)	Yellow perch over 12"	Eat no more than one meal per month	Mercury
St. James Pond [66] (Suffolk)	All species	Eat no more than one meal per month	Chlordane, DDT
St. Lawrence River [32] Whole River	American eel, channel catfish, lake trout over 25", carp, brown trout over 20" and chinook salmon	Eat none	PCBs, Mirex, Dioxin
	White perch, white sucker, rainbow trout, smaller lake trout, smaller brown trout and coho salmon over 25"	Eat no more than one meal per month	PCBs, Mirex, Dioxin
Bay at St. Lawrence/ Franklin Co. line	All species	Eat none	PCBs
Salmon River [16] Mouth to Salmon Reservoir (also see Lake Ontario) (Oswego)	Smallmouth bass	Eat no more than one meal per month	PCBs, Mirex
Sauquoit Creek [19] Between dam at Clayville and Mohawk River (Oneida)	Brown trout	Eat none	PCBs
Saw Mill River [48] (Westchester)	American eel	Eat no more than one meal per month	Chlordane

Waters with changes from the 1998-99 Health Advisories are underlined.

Numbers in brackets refer to map on page 12.

Please note the special advice for **women of childbearing age, infants and children under the age of 15** on page 5.

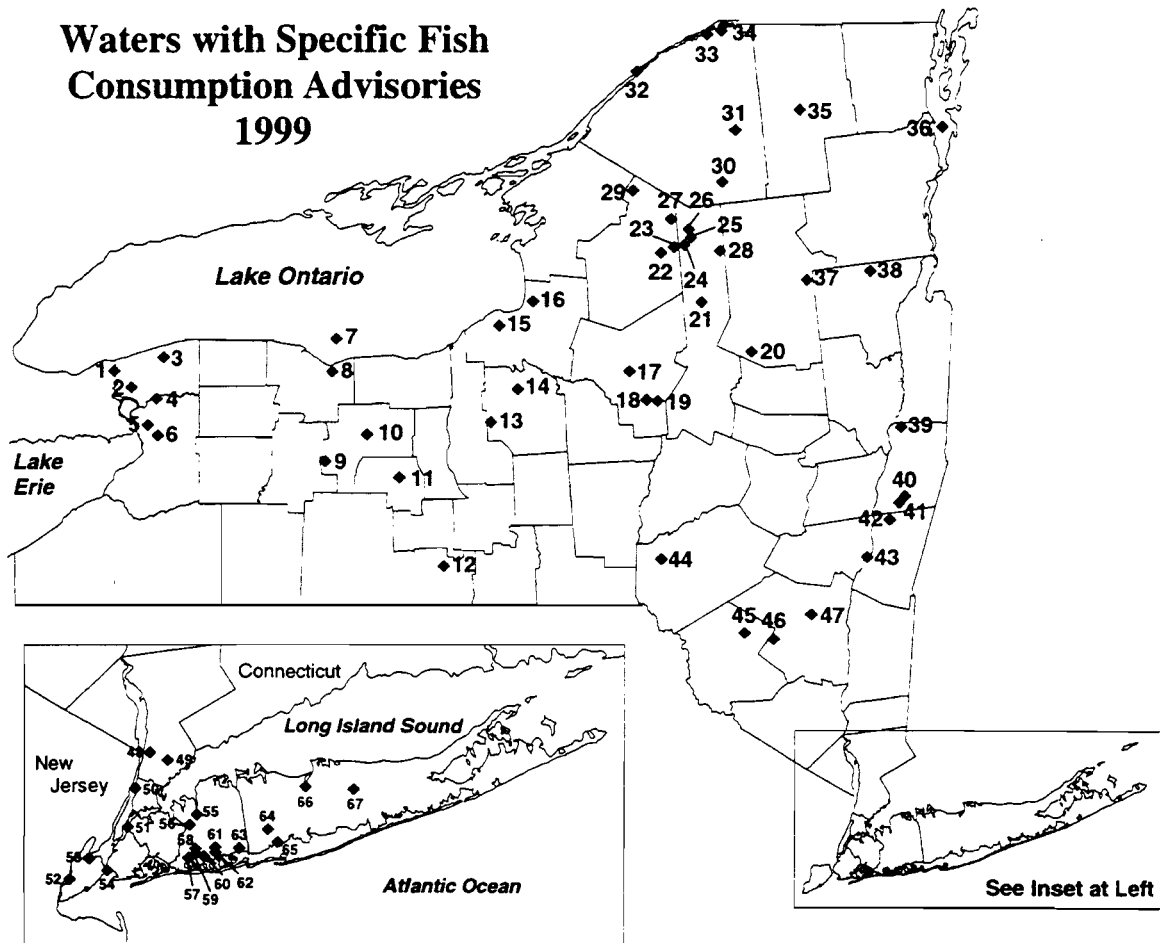
Water (County)	Species	Recommendations	Chemical(s) of Concern
Schroon Lake [38] (Warren & Essex)	Lake trout over 27"	Eat no more than one meal per month	PCBs
Sheldrake River [49] (Westchester)	American eel	Eat none	Chlordane, PCBs
	Goldfish	Eat no more than one meal per month	Chlordane
Skaneateles Creek [13] From dam at Skaneateles to Seneca River (Onondaga)	Brown trout over 10"	Eat no more than one meal per month	PCBs
Smith Pond - Rockville Centre [59] (Nassau)	White perch	Eat no more than one meal per month	Chlordane
Smith Pond - Roosevelt Park [61] (Nassau)	American eel	Eat none	Chlordane
	Carp and goldfish	Eat no more than one meal per month	Chlordane
Spring Pond - Middle Island [67] (Suffolk)	Carp and goldfish	Eat none	Chlordane
Stillwater Reservoir [25] (Herkimer)	Yellow perch over 9", smallmouth bass and splake	Eat no more than one meal per month	Mercury
Sunday Lake [24] (Herkimer)	Yellow perch	Eat no more than one meal per month	Mercury
Threemile Creek [17] (Oneida)	White sucker	Eat no more than one meal per month	PCBs
Valatie Kill [40] Between County Rt. 18 and Nassau Lake (Rensselaer)	All species	Eat none	PCBs
Whitney Park Pond [55] (Nassau)	Carp and goldfish	Eat no more than one meal per month	Chlordane

Waters with changes from the 1998-99 Health Advisories are underlined.

Numbers in brackets refer to map on page 12.

Please note the special advice for **women of childbearing age, infants and children under the age of 15** on page 5.

Waters with Specific Fish Consumption Advisories 1999

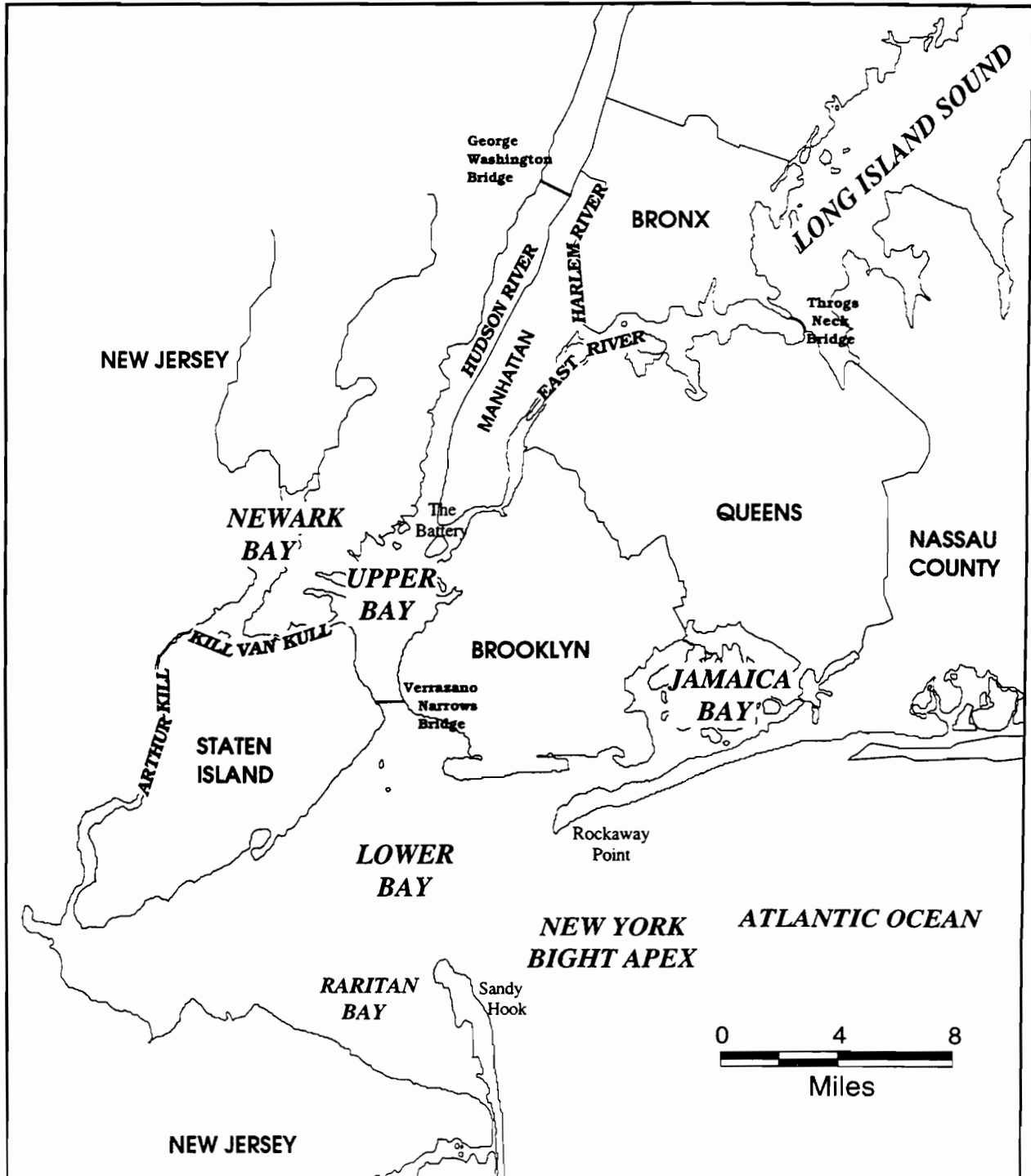


- 1 Niagara River
- 2 Cayuga Creek
- 3 Eighteen Mile Creek
- 4 Barge Canal
- 5 Delaware Park Lake
- 6 Buffalo River and Harbor
- 7 Lake Ontario
- 8 Irondequoit Bay
- 9 Canadice Lake
- 10 Canandaigua Lake
- 11 Keuka Lake
- 12 Koppers Pond
- 13 Skaneateles Creek
- 14 Onondaga Lake
- 15 Oswego River
- 16 Salmon River
- 17 Threemile Creek
- 18 Mohawk River
- 19 Sauquoit Creek
- 20 Ferris Lake
- 21 Fourth Lake
- 22 Halfmoon Lake

- 23 Francis Lake
- 24 Sunday Lake
- 25 Stillwater Reservoir
- 26 Moshier Reservoir
- 27 Long Pond (Croghan)
- 28 Big Moose Lake
- 29 Indian Lake
- 30 Cranberry Lake
- 31 Carry Falls Reservoir
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- 33 Massena Power Canal
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- 45 Neversink Reservoir
- 46 Rondout Reservoir
- 47 Ashokan Reservoir
- 48 Saw Mill River
- 49 Sheldrake River
- 50 Harlem River
- 51 East River
- 52 Arthur Kill
- 53 Kill Van Kull
- 54 New York Harbor
- 55 Whitney Park Pond
- 56 Ridders Pond
- 57 Grant Park Pond
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- 62 Freeport Reservoir
- 63 Upper Massapequa Reservoir
- 64 Belmont Lake
- 65 Lake Capri
- 66 St. James Pond
- 67 Spring Pond (Middle Island)

Map of New York City Harbor Region



Additional Advice

Advisories for Lake Erie - Due to PCB contamination, women of childbearing age, infants and children under the age of 15 are advised to eat no more than one meal per week of chinook salmon less than 19 inches, burbot, freshwater drum, lake whitefish, rock bass and yellow perch and to EAT NO MORE THAN ONE MEAL PER MONTH of all other fish from Lake Erie. Other people should eat no more than one meal per week of any Lake Erie fish species.

Marine Bluefish and Eels - The general advisory {Eat no more than one meal (one-half pound) per week} applies to bluefish and American eels but not to most other fish (see Marine Striped Bass below) from Long Island Sound, Block Island Sound, Peconic/ Gardiners Bays, the Lower Bay of New York Harbor, Jamaica Bay and other Long Island south shore waters. (Contaminants of concern - PCBs)

Marine Striped Bass - Women of childbearing age and children under the age of 15 should eat no striped bass taken from Upper and Lower Bays of New York Harbor or Long Island Sound west of Wading River. Other people should EAT NO MORE THAN ONE MEAL PER MONTH of striped bass from these waters. Everyone should eat no more than one meal per week of striped bass taken from Jamaica Bay, Eastern Long Island Sound, Block Island Sound, Peconic/Gardiners Bay or Long Island south shore waters. (Contaminants of concern - PCBs)

Crabs and Lobsters - The hepatopancreas (sometimes called mustard, tomalley or liver) of

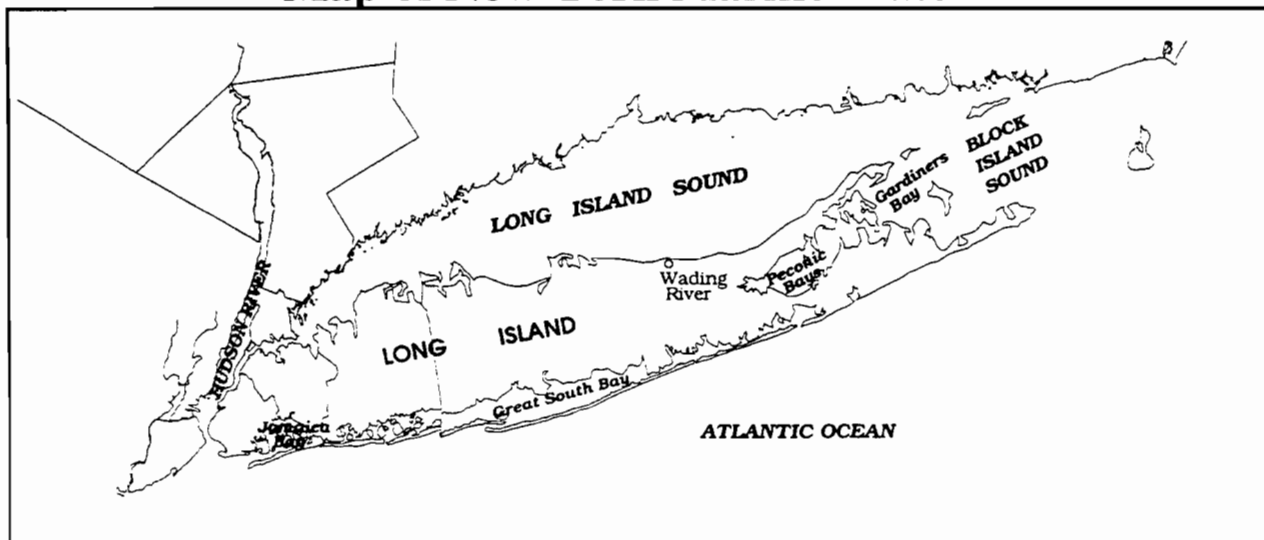
crabs and lobsters should not be eaten because it has high contaminant levels. (Contaminants of concern - PCBs, cadmium, dioxin)

Hudson River Shad - The advisory for women of childbearing age, infants and children under the age of 15 is EAT NONE for all fish from the lower Hudson River because of PCB contamination. However, shad have lower PCB levels than other species. A few meals of Hudson River shad meat and roe, especially using cooking and trimming methods that minimize PCB content, would not pose an unacceptable health risk for women of childbearing age and children, assuming this is their only significant exposure to PCBs.

Snapping Turtles - Snapping turtles retain contaminants in their fat, liver, eggs and, to a lesser extent, muscle. If you choose to consume snapping turtles, you can reduce your exposure by carefully trimming away all fat and discarding the fat, liver and eggs prior to cooking the meat or preparing soup. Women of childbearing age, infants and children under the age of 15 should AVOID EATING snapping turtles or soups made with their meat. (Contaminants of concern - PCBs)

Wild Waterfowl - Mergansers are the most heavily contaminated waterfowl species and should NOT BE EATEN. Other wild waterfowl should be skinned and all fat removed before cooking, stuffing should be discarded after cooking and EAT NO MORE THAN TWO MEALS PER MONTH. Monitoring data indicate that wood ducks and Canada geese are less contaminated than other wild waterfowl species and diving ducks are more contaminated than dabbling ducks. (Contaminants of concern - PCBs, mirex, chlordane, DDT)

Map of New York Marine Waters



Information on Chemicals in Sportfish and Game

The following paragraphs give some basic information on chemicals in sportfish and game in New York State. Most of our knowledge of potential health effects comes from high dose animal studies or worker exposures. Chemicals that cause adverse health effects in humans and laboratory animals after high levels of exposure may increase the risk of adverse effects in humans exposed to lower levels for long periods of time. Following the suggestions in the advisory will minimize your exposure and any health risks from contaminants in fish.

Chlordane

Chlordane is a man-made pesticide that was used widely to control agricultural and home/garden pests until most uses were banned in the United States during the mid-1970s. In New York State, chlordane was used for the underground control of termites until that use was banned in 1985. Chlordane generally gets into bodies of water after improper waste disposal or run-off from treated areas. Chlordane builds up in the fatty tissues of fish, birds and mammals and can be found in fish and shellfish caught in chlordane-contaminated waters. Since chlordane is present in the fatty tissues of fish, exposure to chlordane in fish can be reduced by certain cleaning and cooking practices. For more information, see page 3.

People exposed to large amounts of chlordane may have nervous system damage. Exposure to high levels of chlordane damages the nervous system and liver of laboratory animals. Some animals exposed before birth and while nursing developed behavioral effects later. Chlordane causes cancer in laboratory animals exposed to high levels over their lifetimes. Whether chlordane causes cancer in humans is unknown. For general information, see the first paragraph of this section.

DDT

DDT is a man-made pesticide that was used widely to control insects on agricultural crops and biting insects, such as mosquitos and black flies. Its use was banned in New York in

1971 and throughout the United States in 1973. DDT generally gets into bodies of water after improper waste disposal, direct spraying of water bodies or run-off from treated areas. DDT builds up in the fatty tissues of fish, birds and mammals. It can be found in fish and shellfish caught in DDT-contaminated waters. Since DDT is present in the fatty tissues of fish, exposure to DDT in fish can be reduced by certain cleaning and cooking practices. For more information, see page 3.

People who accidentally ingested large amounts of DDT had effects on the nervous system that went away once the exposure stopped. Exposure of laboratory animals to high levels of DDT damages the liver and can cause reproductive, developmental and nervous system effects. DDT causes cancer in laboratory animals exposed to high levels over their lifetimes. Whether DDT causes cancer in humans is unknown. For general information, see the first paragraph of this section.

Mirex

Mirex is a man-made chemical that was used as a pesticide to control fire ants until its use was banned in the United States in the late 1970s. It was also used as a flame retardant in plastics, rubber, paint, paper and electrical goods until the early 1970s. Mirex generally gets into bodies of water after improper waste disposal or run-off from treated areas. Mirex builds up in the fatty tissues of fish, birds and mammals and can be found in fish and shellfish caught in mirex-contaminated waters. Since mirex is present in the fatty tissues of fish, exposure to mirex in fish can be reduced by certain cleaning and cooking practices. For more information, see page 3.

Laboratory animals exposed to mirex had damage to the eyes, nervous system, reproductive system, liver, thyroid and kidneys. Mirex causes cancer in laboratory animals exposed to high levels over their lifetimes. Whether mirex causes cancer in humans is unknown. For general information, see the first paragraph of this section.

PCBs

PCBs are a family of man-made chemicals that were used in many commercial and electrical products until their manufacture was banned in the mid-1970s. Some electrical equipment still in use contains PCBs. In this country, most PCBs were sold as mixtures called Aroclors. PCBs build up in fatty tissues of fish, birds and mammals. Since PCBs are present in the fatty tissues of fish, exposure to PCBs in fish can be reduced by certain cleaning and cooking practices. For more information, see page 3.

Industrial workers exposed to large amounts of PCBs had skin damage. However, these workers were also exposed to other, more toxic chemicals that may have caused the skin effects. Some studies of pregnant women suggest a link between a mother's increased exposure to PCBs from eating contaminated fish or other environmental sources and slight effects on her child's birthweight, short-term memory and learning.

Exposure to high levels of PCBs damages skin, liver and the nervous, immune and reproductive systems of laboratory animals. It also reduces the birthweight and changes the behavior of offspring born to animals exposed before, during and after pregnancy. Certain types of PCBs cause birth defects in offspring born to animals exposed to high levels during pregnancy. Some types of PCBs cause cancer in laboratory animals exposed to high levels over their lifetime. Whether PCBs cause cancer in humans is unknown. For general information, see the first paragraph of this section.

Polychlorinated dibenzo-*p*-dioxins (PCDDs, dioxins)

Polychlorinated dibenzo-*p*-dioxins (also known as PCDDs or dioxins) and chlorinated dibenzofurans (also known as PCDFs or furans) are two closely related families of chemical compounds. Some dioxins and furans are produced as unwanted by products in chemical manufacturing processes, such as in the production of certain herbicides and disinfectants. They are also found in the smoke or ash from motor vehicles, municipal waste incinerators and wood fires. Some dioxins and

furans are environmentally and biologically persistent. They are highly soluble in fats and are stored in the fatty tissue of fish and other animals. Since dioxins and furans are present in fatty tissues of fish, exposure to dioxins and furans in fish can be reduced by certain cleaning and cooking practices. For more information, see page 3.

Dioxins and furans are thought to produce similar health effects. TCDD (2,3,7,8-tetrachlorodibenzo-*p*-dioxin) is the most potent of the dioxins and furans, and much of what we know about the toxicity of dioxins and furans comes from studies of TCDD.

People exposed to high levels of dioxins and furans during industrial accidents have developed a condition called chloracne (a severe acne-like skin condition) and other skin disorders, as well as skin, eye and respiratory tract irritation, dizziness, headaches, nausea, vomiting and possibly disorders of the liver and nervous system. In men exposed to lower levels over longer times, there is some evidence that TCDD can cause small changes in the liver function, levels of sex hormones and may disrupt the metabolism of glucose (sugar). Some studies have found that workers in plants where products contaminated with dioxins and furans (for example, some herbicides) were made developed cancers which may have been caused by TCDD.

In laboratory animals, TCDD has damaged the liver, skin, blood and immune and reproductive systems. It also affects prenatal development in animals whose mothers were exposed to TCDD. TCDD causes cancer in animals exposed to high levels over their lifetime. For general information, see the first paragraph of this section.

Mercury

Mercury is a metal that occurs naturally in the environment in several forms. The most common form, metallic or elemental, is a silvery, odorless liquid that can evaporate at room temperature to form a vapor. Mercury can also combine with other elements to form both inorganic and organic compounds. Mercury and mercury compounds can be found in air, soil and water. Most of the mercury that accumulates in the fleshy part of fish is

methylmercury. Fish absorb methylmercury directly from water and from eating smaller organisms that contain methylmercury. Greater amounts of methylmercury are found in older fish which tend to eat other fish and organisms in water containing methylmercury. Methylmercury is found throughout the part of the fish that is eaten; therefore, cleaning and cooking methods which may reduce exposure to other contaminants are NOT effective for reducing exposure to mercury.

Exposure to high levels of metallic, inorganic or organic mercury can damage the nervous system and kidneys. People who ate fish and grain which contained large amounts of methylmercury had permanent damage to the nervous system, kidneys and fetus. Exposure to methylmercury is more of a concern for children and unborn babies because their nervous systems are still developing and the nervous system is a target organ for mercury. Health effects might include brain damage, behavioral and developmental problems. For general information, see the first paragraph of this section.

Cadmium

Cadmium is a naturally occurring metal found at low levels in soil and water. Cadmium is used in many industrial operations and in consumer products such as paints, plastics and batteries. Food, air and drinking water all contribute to a person's exposure to cadmium. Cadmium can be found in food items and in tobacco. Vegetables, fruits and cereals are the greatest source of cadmium. Cadmium can also be found in fish and shellfish from waters containing cadmium.

Eating food or beverages containing high levels of cadmium can cause nausea, vomiting, stomach upset, cramps and diarrhea. Because cadmium leaves the body slowly, it can accumulate in the body, mainly in the kidneys, with continuing exposure. Some people with long-term exposure had kidney, bone and blood damage. For general information, see the first paragraph of this section.

Contacts for Additional Information

New York State Department of Health

For more information on **health effects** from exposure to chemical contaminants or to provide comments on the format or content of this report contact:

Environmental Health Information: 1-800-458-1158 (toll-free from New York State telephones). Calls are taken from 8:00AM-4:30PM, Monday through Friday. After hours leave a voice mail message. The full advisories are also available from the Internet: <http://www.health.state.ny.us/nysdoh/environ/fish.htm> or can be requested by e-mail: BTSA@health.state.ny.us

New York State Department of Environmental Conservation

For more information on **fishing inland waters**, contact:

Region 1

Freshwaters

Loop Rd.
Bldg. 40 SUNY
Stony Brook, NY 11790
(516) 444-0280

Marine waters

205 North Belle Mead Rd.
Suite 1
East Setauket, NY 11733
(516) 444-0435

Region 2

1 Hunter Point Plaza
4740 21st St.
Long Island City, NY 11101-5407
(718) 482-4900

Region 3

21 South Putt Corners Rd.
New Paltz, NY 12561-1696
(914) 256-3161

Region 4

Rt. 10, Jefferson Rd.
Stamford, NY 12167-9503
(607) 652-7366

Region 5

Rt. 86, P.O. Box 296
Raybrook, NY 12977-0296
(518) 897-1333

Region 6

317 Washington St.
Watertown, NY 13601-3787
(315) 785-2266

Region 7

1285 Fisher Ave.
Cortland, NY 13045-1090
(607) 753-3095

Region 8

6274 E. Avon-Lima Rd.
Avon, NY 14414-9519
(716) 226-2466

Region 9

270 Michigan Ave.
Buffalo, NY 14203-2999
(716) 851-7000

For more information on **fishing marine waters**, contact:

Bureau of Finfish and Crustaceans
205 North Belle Mead Road, Suite 1
East Setauket, NY 11733
(516) 444-0435

For information on **contaminant levels**, in fish and shellfish and wildlife contact:

Bureau of Habitat
50 Wolf Road
Albany, NY 12233
(518) 457-6178

Prepared by:
New York State Department of Health
Division of Environmental Health Assessment
June 10, 1999
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REFERENCE 48

The Hudson River Estuary Management Action Plan

Prepared by:

The Hudson River Estuary Management Program
New York State Department of Environmental Conservation

Michael D. Zagata, Commissioner
George E. Pataki, Governor

May 1996

Additional information and copies of this report are available through:

New York State Department of Environmental Conservation
Hudson River Estuary Management Program
Region 3 Office
21 South Putt Corners Road
New Paltz, New York 12561

phone: (914) 256-3015

fax: (914) 255-0714

Design and illustrations: Cynthia Saniewski

Cover: Tivoli North Bay, Hudson River National Estuarine Research Reserve, Tivoli, NY. by Beth Waterman

Dear New Yorkers:

It has been 30 years since New York State voters approved the Pure Waters Bond Act, launching the clean-up of the Hudson River and the other water bodies in New York State. Since then we have witnessed many successes. In the 1960s, researchers sampling the Albany Pool, south of the Troy Dam, found only a single fish; today fish are plentiful in this reach of the River and striped bass, shad, river herring and sturgeon spawn in these waters. In response to water quality improvements, boaters, sailors, and anglers have all increased in numbers. Bald eagles and peregrine falcons, nearly lost due to DDT, now soar again over the majestic Hudson River Valley and are beginning to breed along its shores. River communities, with support from the Greenway program and participating state agencies are renewing activities on their waterfronts. Meanwhile, cargo shipment and other economic activity dependent on a healthy environment is growing on the river, strengthening our ports and major cities.

Although a great deal has been done to restore and protect the Hudson, major challenges remain to be solved, and new opportunities present themselves. It is now my privilege to build on our legacy of accomplishment in cleaning up the Hudson and to propose an agenda for the coming years.

The Hudson River Estuary Action Plan has been developed with extensive input from environmental management professionals, scientists, business leaders, local government officials and citizens. With this multi-faceted agenda, we will move forward in partnership to renew our commitment to the Hudson River estuary so that it will be available to future generations, as it is to us -- a resource essential to our long-term survival, a key underpinning of our economy, a treasury of our natural heritage, and a source of spiritual inspiration.

Very truly yours,

George E. Pataki
Governor
The State of New York

HUDSON RIVER ESTUARY MANAGEMENT

To the citizens of the Hudson River Valley:

The following is the Action Plan for the Hudson River Estuary Management Program, prepared at the direction of the New York State Legislature.

The Hudson River Estuary Management Action Plan results from a team approach including the contributions of many persons: citizens, local and county government officials, members of the Advisory Committee and many State employees. The Department of Environmental Conservation dedicated many staff members to a "Hudson River Estuary Work Group" that has been responsible for the effort of researching, compiling, writing and editing this Action Plan. Their cooperation and dedication to this effort is sincerely appreciated.

This Estuary Management Action Plan proposes steps which represent the direction DEC intends to take over the coming years. It employs the principles of ecosystem management and considers issues holistically. It addresses the many "customers" served by DEC, including our number one customer, the environment and natural resources of the Hudson River, as well as the users of the resource - the public, conservationists, sportsmen, commercial fishermen, local governments, business and industry, property owners, and other agencies of the State and federal government. Above all, the Action Plan sets forth a goal oriented program geared to meet the objectives of the Hudson River Estuary Management Program. We look forward to working with you on this.

Sincerely,

Michael D. Zagata
Commissioner

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Executive Summary

A River of National Significance

The Hudson River estuary is one of New York's outstanding natural resources, world-renowned for its history and scenery and vital as part of the Atlantic coast ecosystem. It has been and continues to be one of New York State's premier natural assets and is an engine of the state's economy, attracting tourist dollars, providing for high value residential and commercial development, sustaining multi-million dollar coastal fisheries and providing a critical transportation link in New York's import and export economy. The estuary provides crucial nursery and spawning grounds for a wide variety of fish species and is part of the great Atlantic flyway for migratory birds. The river's marshes and tidal flats contribute essential nutrients to the first links in a food web that extends throughout the river, and far into the Atlantic Ocean. And last but not least, the Hudson nourishes our souls. It is a beloved river, beautiful, dynamic and ever-changing, a resource to protect not only for ourselves but for generations to come.

A Partnership Approach

The Hudson River Estuary Management Program was charged with developing a fifteen year Management Plan for protecting and improving the health of the Hudson River estuary while ensuring compatible human uses within the river's ecosystem. The plan characterizes the priority problems affecting the Hudson River and identifies specific recommendations for actions to improve the estuarine ecosystem. The primary strategy for implementing the plan is for the state government to work cooperatively and in partnership with local governments, the federal government, not-for-profit organizations, the private sector and individual property owners for the benefit of the Hudson River ecosystem around which all New Yorkers can build better more rewarding lives. In addition, the presence of other state and federal programs actively involved in the Hudson Valley provides opportunities for cooperative approaches to many of the estuary's most pressing issues. Programs especially important to this Action Plan include:

- The Hudson Valley Greenway Council and Greenway Conservancy: Created by state legislation in 1991, this initiative focuses on voluntary regional planning, resource conservation, economic growth, the Hudson River Greenway Trail, and enabling cultural, historic and environmental linkages throughout the Valley.
- The NY-NJ Harbor Estuary Program: Designated in 1987 by the EPA, to develop a comprehensive management plan for the Harbor area, this program links New York State, the federal government and the State of New Jersey together to address ecosystem related issues.
- The New York State Coastal Management Program: Operated by the NYS Department of State, this program oversees compliance of federal and state actions with the State's 44 coastal policies. Programs of particular importance to the Hudson Valley include: Local Waterfront Revitalization Plans, Significant Coastal Fish and Wildlife Habitats, and Scenic Areas of Statewide Significance.

Within DEC, nearly every program and division is involved in some aspect of environmental protection of the estuary. However, there are four basic programs which are focused specifically on the estuary as a resource. In order for DEC to meet existing program needs, as well as address many of the new challenges outlined in this Plan, core programs must be continued and maintained, since they form the foundation of our program on which we will build. These are:

- Hudson River Fisheries Unit and Anadromous Fisheries Section: The HRFU collects and reports biological and public use data required to manage Hudson River fish resources within

NYS. It also aids management activities of the Atlantic States Marine Fisheries Commission (ASMFC) and supports DEC efforts to reduce environmental impacts of various activities. The Anadromous Section conducts programs in the estuary including the young of the year survey in NY Harbor, juvenile assessments in the river and the cooperative anglers program.

- Hudson River National Estuarine Research Reserve: Established in 1982 under the Coastal Zone Management Act, this cooperative state-federal program implements education and research programs including the management of four major tidal wetland areas: Stockport Flats, Tivoli Bays, Iona Island, and Piermont Marsh.
- Hudson River Estuary Management Program: The HREMP is charged with development and implementation tracking of a 15 year ecosystem oriented management plan for the estuary. It also conducts special projects and educational outreach to citizens.
- Marine Resources Harbor Estuary Program: The marine habitat protection staff in the New York regional office assure coordination and compliance with estuary management goals in regional program implementation.

Priority Issues and Commitments

This Action Plan addresses key issues and actions which have been identified through consideration of the Draft Hudson River Estuary Management Plan, public comment at hearings and meetings throughout the valley, and the Final Generic Environmental Impact Statement. As part of the greater strategic Hudson River Estuary Management Program, the priorities set forth in this Action Plan reflect an holistic approach to management of the Hudson estuary and identify tasks which, when accomplished will provide measurable and quantifiable results. This Plan aims to meet the ecological needs of the resource while serving the many user groups that place demands on the resource. To move the Plan forward, priority actions have been targeted for implementation during the next three years.

I. Managing Aquatic Resources:

Priorities:

- Manage fisheries for sustainable use.
- waterfowl, crustaceans and aquatic food chain species.
- Manage water quality to support ecosystem functions and to support human uses of aquatic resources.

Commitments:

1. Enhance the capability of the Hudson River Fisheries Unit to monitor shad, striped bass and sturgeon populations, especially the vulnerability of American shad stocks and the decline of Atlantic sturgeon, and to assess the fish populations' response to harvest control measures.
2. Establish a new method for measurement of environmental quality of the estuary based on biological integrity and ecosystem function. Develop a monitoring program based on such biocriteria.
3. Conduct a submerged habitat inventory to define nursery areas most in need of protection for

Hudson River fishes, blue crab and food chain species.

4. Study the feasibility of restoring Hudson River habitats at up to 15 locations. Develop a state of-the-art method to evaluate the ecological benefits provided by Hudson River habitat types in order to better plan and assess the success of habitat protection efforts.
5. Inventory and regulate tidal wetlands along the Hudson River from the Tappan Zee bridge to the Troy dam. Revise tidal wetland regulations to be more suitable for application in freshwater tidal systems.
6. Introduce legislation to amend Article 15, the stream protection act, within the Coastal Boundary of the Hudson River estuary to include protection for Class C and D tributaries. Determine if additional protective measures for the tributaries to the estuary are needed.

II. Preserving Upland Habitat, Open Space and Scenery

Priorities:

- Inventory, analyze and adopt protective measures for upland habitat areas of the estuary.
- Preserve the scenic landscape for which the Hudson is world famous, and protect the open space character and natural heritage of the Hudson Valley.

Commitments:

1. Through the Biodiversity Research Institute, conduct a biodiversity survey and recommend measures for protection of sensitive resources. Develop recommendations for a comprehensive habitat program, emphasizing voluntary approaches, including management of habitat on state lands. Coordinate the Hudson River biodiversity program with the national GAP analysis effort by cooperating with Cornell University and the New York Natural Heritage Program. Revise the State Open Space Plan to address habitat protection needs.
2. Evaluate opportunities to transfer open space lands now owned by NYS OGS or other state agencies to DEC or OPRHP to be managed for habitat protection and compatible public uses. Set a goal of 1,000 acres or more of shoreline transfers. Explore opportunities for transfer of environmentally sensitive portions of inland properties such as Stewart Airport properties. Develop a coordinated management program for management of DEC, OPRHP, and OGS shore lands focusing at first on the Hudson River islands of the upper estuary, in order to promote consistent resource conservation, efficient operations, public access, recreation (hunting, fishing, camping, picnicking) and education and research. Where possible also coordinate with non-profit organizations in the management of their conservation lands in that reach of the river.
3. Set a goal of 4000 acres of open space lands along the Hudson River to be acquired from willing sellers by DEC and OPRHP for public access, recreation, and enjoyment consistent with the State Open Space Plan. Work with non-profit organizations to build on philanthropic contributions and, where possible, secure such properties with lower cost to the state.
4. Establish a task force to develop a technical guidance document to be used by local governments and state agencies in incorporating scenic factors in project review. The task force will also develop recommendations within one year on how to achieve better integration of scenic resource programs in state agencies and in local project review.

III. Enhancing Recreation and Tourism

Priorities:

- Improve the infrastructure for recreation and river-based tourism (boat launches, deep water docks, parks, scenic vistas and river access trails)
- Promote ecotourism by disseminating information about opportunities to utilize the region's outstanding natural resources.
- Enhance and expand destinations for enjoyment and interpretation of natural resources.

Commitments:

1. Promote a recreational catch and release trophy fishery for Hudson River striped bass. Adopt appropriate measures to promote sound fishing practices which will reduce mortality and assure continued compliance with interstate fishery management goals for sustainability of stocks. Evaluate sportfishing status by conducting recreational fishing surveys. Involve affected constituencies in discussions of the feasibility of licensing the Hudson River from Troy to Tappan Zee, an area currently exempted from a freshwater fishing license requirement.
2. Create and/or upgrade 8 boat launch sites in areas of greatest need. Begin preliminary studies for additional sites as part of a comprehensive plan outlining future needs and opportunities.
3. Support the development of 5 or more interpretive facilities for natural resource based tourism.

IV. Revitalizing the River-based Economy Through Environmental Protection**Priorities:**

- Support navigation, marinas and port development by reducing contaminants in sediments to facilitate dredging and develop environmentally sound spoil disposal options.
- Revitalize community waterfronts through protection of space, clean-up of blighted areas, and development of intermodal linkages to allow mass transit and other connections for water borne transportation of tourists and residents.
- Clean up and promote the adapted reuse of abandoned and/or contaminated waterfront properties.
- Restore the potential of the Hudson River fishery by reducing contaminants in the ecosystem.

Commitments:

1. Recognizing the importance of the revitalization of urban areas, develop and support a coordinated approach to the economic development of these areas including the revitalization of waterfronts, planning, transportation and tourism strategies.
2. Seek the participation of 6 or more localities and/or landowners in the voluntary clean up and restoration to productive reuse of contaminated urban waterfront sites. Provide technical and financial support to eligible preliminary investigations.
3. Form a task force to organize and integrate all DEC activities related to hazardous contamination of the Hudson River including PCBs. Explore opportunities to restructure the

currently gridlocked process. Urge the federal government to expedite the federal reassessment of the status of PCB contaminated sediments in the Hudson.

4. Adopt measures to bring mercury discharges into compliance with water quality standards in order to facilitate disposal of dredged spoils contaminated with mercury and to reduce human exposure from consumption of fish flesh.
5. Identify and quantify sources of contaminants of concern focusing on dioxin, PCBs and PAHs in NY harbor. Implement measures to remediate sources in order to facilitate future dredging and to prevent uptake of these chemicals into the food chain.

V. Promoting Stewardship Through Partnership

Priorities:

- Develop partnerships to promote research, monitoring and education in support of ecosystem management of the estuary and its shores.

Commitments:

1. Create a stable fund for ecosystem monitoring and education to establish a scientific basis for management decisions and public support for carrying them out. Evaluate options for creating cost-sharing mechanisms through public-private partnerships involving resource users, private foundations and other government agencies.
2. Maintain core Hudson River programs in DEC and build on them to accomplish the Estuary Management Action agenda. These programs include the Hudson River Fisheries Unit and Anadromous Fisheries Section; the Hudson River National Estuarine Research Reserve; the Hudson River Estuary Management Program and Hudson River Almanac; and the Harbor Estuary Marine Program.

The Hudson River Estuary Management Program

Purpose of the Action Plan

In 1987, the New York State Legislature passed Section 11-0306 of the Environmental Conservation Law. Known as the Hudson River Estuary Management Act, this law directs the Department of Environmental Conservation (DEC) to develop a management program for the newly-created Hudson River Estuarine District and its associated shorelands. The Estuarine District includes the estuary from the Troy dam south to the Verrazano Narrows, and the tidal portion of the river's tributaries. The purpose of the Program is to provide an holistic approach to management of the ecosystem and to better coordinate management activities both within DEC as well as with other government agencies responsible for the estuary's resources.

Major components of the Estuary Management Program set up by the Act include:

- Establishment of an Estuarine District extending from the Federal dam at Troy to the Verrazano Narrows and including the tidal portions of the estuary's tributaries;
- Appointment of a Hudson River Estuary Coordinator;

REFERENCE 49

EPA GEOGRAPHIC INFORMATION QUERY SYSTEM (Version 97.1.8)

October 27, 1999

Title : Camarota CleanersPSA
Sub-Title: 325 Park Avenue

Saratoga County, NY.

Location in Lat/Long: 42 54 12 73 41 27.4 (DMS)

US Albers: X= 1794981 Y= 2423560 (Meters)

Map Scale: Auto Fit to 15 x 11

Notes:

Read Notes on accuracy and extent of all GIS database coverages!!!

Note Version Id on top line as we are continuously upgrading data layers, quality, and calculation methods for this report and associated graphics.

Disclaimer:

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*** End of Notes ***

** Human Health Factors/Concerns **

Population Factors Using 1990 Census Data

Approximate Population and Demographic Analysis

Notes:

- 1) Based on summing Census Tract/Block centroids within selected map area. A portion of actual block may extend beyond distance (overcount), or portions of some blocks may be within distance but centroid is outside (undercount). This technique is simple and achieves good agreement with other methods for all basins and centroid radii at or beyond 2 miles in non-rural areas. Additional tests are planned for method accuracy comparisons.
- 2) The Hispanic Origin category is defined as an ethnic category, not as a race in the official Census definitions. Hispanic Origin may include counts from any of the Census race categories including White. PL171 Census data included a cross tabulation of origin versus race (Fields P004_0001 to 0006). We used these tabulations for our summaries below. Our definition for Total People of Color is Total Population minus the White Non-Hispanic Origin as tabulated in the PL171 data.

These fields are similar to the STF1A P009 class of fields.

Summary for Distance Range of 0 to 1 mile(s).

Processing State Library NY36...

166 Census Block Centroids within selected library/map area.

Will now process statistics for 166 Census Block Centroids...

Total Population = 6322
Household Units = 2840

Population By Origin:	Total	Summary Stats	National Comparison 50 States/D.C.
White	= 6237	98.7%	75.6%
Black	= 2	0.0%	11.8%
AmInd/Esk/Ale	= 5	0.1%	0.7%
Asian/PacIsnd	= 12	0.2%	2.8%
Other	= 0	0%	0.1%
Hispanic	= 66	1.0%	9.0%

Total People of Color= 85 1.3% 24.4% See note 2.

Average Pop Density per sq mi = 2012 (Centroids/Distance Radius Area)

Summary for Distance Range of 0 to 2 mile(s).

Processing State Library NY36...

215 Census Block Centroids within selected library/map area.

Will now process statistics for 215 Census Block Centroids...

Total Population = 7809
Household Units = 3397

Population By Origin:	Total	Summary Stats	National Comparison 50 States/D.C.
White	= 7705	98.7%	75.6%
Black	= 2	0.0%	11.8%
AmInd/Esk/Ale	= 5	0.1%	0.7%
Asian/PacIsnd	= 14	0.2%	2.8%
Other	= 0	0%	0.1%
Hispanic	= 83	1.1%	9.0%

Total People of Color= 104 1.3% 24.4% See note 2.

Average Pop Density per sq mi = 619 (Centroids/Distance Radius Area)

Community Water Supplies (EPA National Database)

=====

System Notes:

05/22/97 -- Found severe database problems. Many records had attributes switched with wrong plotting points! We re-constructed plotting points 5/22/97 at 3:00am EDT using the lat/long values stored in the attributes for each record until the originator provides us with a updated database.

Important Notes:

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If you are interested in a particular 8 digit HUC basin code of interest, you can go directly to the Surf Your Watershed pages for that HUC by linking to (using HUC 03030007 for example):
<http://www.epa.gov/surf/HUCS/hucinfo/03030007/>

Drinking Water Database: 0 records selected within this search request...

Drinking Water Report completed...

 ** Regulated Facility Report **

EPA Envirofacts Facility Databases Information

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Note: 04/10/97 - Using National Envirofacts .EF Data Layer

Envirofacts: 36 facility record instances within this search request...
 Of these, we are interested in the following Program Facilities:
 23 RCRIS instances (All - "General" and "Major")
 (13 of these are "major" TSD or LQG facilities)
 3 PCS instances
 7 AFS/AIRS instances
 0 CERCLIS instances
 0 TRIS instances

Important Notes:

1. For information about the various EPA Facility Program databases and their environmental/regulatory aspects, see the Envirofacts WWW home page at http://www.epa.gov/enviro/html/ef_home.html
2. We have excluded FINDS database record instances from this listing.
3. The latitude/longitude is from the 1st program instance record only. It may not be the best location!
4. Locational accuracy currently varies greatly for this database as EPA is in the process of improving it. Some facilities may still be located at zip code centroids or even have wrong lat/longs putting a facility in a wrong state!

Your Specific Requested Options:

RCRIS Facilities: Not Selected - Screened Out
 PCS (NPDES) Facilities: Not Selected - Screened Out
 AIRS/AFS Facilities: Not Selected - Screened Out
 CERCLA Facilities: Not Selected - Screened Out
 TRI Facilities: Not Selected - Screened Out

Letter in column indicates record instance for:

r RCRIS Program System database ("General" Facility)
 R RCRIS Program System database ("Major" - TSD or LQG Facility)

. P PCS Program System database
 . . A . . . AIRS/AFS Program System database
 . . . C . . CERCLIC (Superfund) Program System database
 T . TRI (Toxics Release Inventory) Program System database
 O Other Program Database

Fac UIN	Facility Name Facility Address	Latitude (Decimal Degrees)	Longitude
NY0000082628	THE COLOR SHOP INC	42.929460	-73.722310
r O	44 ROUTE 146 CLIFTON PARK RD, MECHANICVILLE, NY. 12118-0000		
NY4180000115	US POSTAL SERVICE	42.901819	-73.687738
. . A . . O	18 S MAIN ST, MECHANICVILLE, NY. 12118		
NYD046882247	AMERADA HESS CORP	42.873600	-73.670700
R . A . . O	RIVER RD, RENSSELAER, NY. 12144-0000		

Envfacts Facility Report completed...

 *** End of Report ***

EPA GEOGRAPHIC INFORMATION QUERY SYSTEM (Version 97.1.8)

October 27, 1999

Title : Camarota CleanersPSA
Sub-Title: 325 Park Avenue

Saratoga County, NY.

Location in Lat/Long: 42 54 12 73 41 27.4 (DMS)

US Albers: X= 1794981 Y= 2423560 (Meters)

Map Scale: Auto Fit to 15 x 11

Notes:

Read Notes on accuracy and extent of all GIS database coverages!!!

Note Version Id on top line as we are continuously upgrading data layers, quality, and calculation methods for this report and associated graphics.

Disclaimer:

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*** End of Notes ***

** Human Health Factors/Concerns **

Population Factors Using 1990 Census Data

Approximate Population and Demographic Analysis

Notes:

- 1) Based on summing Census Tract/Block centroids within selected map area. A portion of actual block may extend beyond distance (overcount), or portions of some blocks may be within distance but centroid is outside (undercount). This technique is simple and achieves good agreement with other methods for all basins and centroid radii at or beyond 2 miles in non-rural areas. Additional tests are planned for method accuracy comparisons.
- 2) The Hispanic Origin category is defined as an ethnic category, not as a race in the official Census definitions. Hispanic Origin may include counts from any of the Census race categories including White. PL171 Census data included a cross tabulation of origin versus race (Fields P004_0001 to 0006). We used these tabulations for our summaries below. Our definition for Total People of Color is Total Population minus the White Non-Hispanic Origin as tabulated in the PL171 data.

These fields are similar to the STF1A P009 class of fields.

Summary for Distance Range of 0 to 1 mile(s).

Processing State Library NY36...

166 Census Block Centroids within selected library/map area.
Will now process statistics for 166 Census Block Centroids...

Total Population = 6322
Household Units = 2840

Population By Origin:	Total	Summary Stats	National Comparison 50 States/D.C.
White	= 6237	98.7%	75.6%
Black	= 2	0.0%	11.8%
AmInd/Esk/Ale	= 5	0.1%	0.7%
Asian/PacIsnd	= 12	0.2%	2.8%
Other	= 0	0%	0.1%
Hispanic	= 66	1.0%	9.0%

Total People of Color= 85 1.3% 24.4% See note 2.

Average Pop Density per sq mi = 2012 (Centroids/Distance Radius Area)

Summary for Distance Range of 0 to 3 mile(s).

Processing State Library NY36...

278 Census Block Centroids within selected library/map area.
Will now process statistics for 278 Census Block Centroids...

Total Population = 9877
Household Units = 4120

Population By Origin:	Total	Summary Stats	National Comparison 50 States/D.C.
White	= 9733	98.5%	75.6%
Black	= 9	0.1%	11.8%
AmInd/Esk/Ale	= 11	0.1%	0.7%
Asian/PacIsnd	= 19	0.2%	2.8%
Other	= 2	0.0%	0.1%
Hispanic	= 103	1.0%	9.0%

Total People of Color= 144 1.5% 24.4% See note 2.

Average Pop Density per sq mi = 348 (Centroids/Distance Radius Area)

Community Water Supplies (EPA National Database)

System Notes:

05/22/97 -- Found severe database problems. Many records had attributes switched with wrong plotting points! We re-constructed plotting points 5/22/97 at 3:00am EDT using the lat/long values stored in the attributes for each record until the originator provides us with a updated database.

Important Notes:

This data layer has been created from the EPA SDWIS Drinking Water database. It is still under construction and is LIMITED at this time to supplies with latitude and longitude locations stored in the database. Many supplies ARE NOT ON THIS REPORT due to lack of latitude and longitude locations but may have been located to the watershed level by USGS Hydrologic Unit Code (HUC). Please refer to the Surf Your Watershed WWW pages (<http://www.epa.gov/surf/>) for a more complete listing of supplies by watershed.

If you are interested in a particular 8 digit HUC basin code of interest, you can go directly to the Surf Your Watershed pages for that HUC by linking to (using HUC 03030007 for example):
<http://www.epa.gov/surf/HUCS/hucinfo/03030007/>

Drinking Water Database: 0 records selected within this search request...

Drinking Water Report completed...

 ** Regulated Facility Report **

EPA Envirofacts Facility Databases Information

Note: 04/10/97 - Using National Envirofacts .EF Data Layer

Envirofacts: 43 facility record instances within this search request...
 Of these, we are interested in the following Program Facilities:
 27 RCRIS instances (All - "General" and "Major")
 (16 of these are "major" TSD or LQG facilities)
 6 PCS instances
 7 AFS/AIRS instances
 0 CERCLIS instances
 0 TRIS instances

Important Notes:

1. For information about the various EPA Facility Program databases and their environmental/regulatory aspects, see the Envirofacts WWW home page at http://www.epa.gov/enviro/html/ef_home.html
2. We have excluded FINDS database record instances from this listing.
3. The latitude/longitude is from the 1st program instance record only. It may not be the best location!
4. Locational accuracy currently varies greatly for this database as EPA is in the process of improving it. Some facilities may still be located at zip code centroids or even have wrong lat/longs putting a facility in a wrong state!

Your Specific Requested Options:

RCRIS Facilities: Not Selected - Screened Out
 PCS (NPDES) Facilities: Not Selected - Screened Out
 AIRS/AFS Facilities: Not Selected - Screened Out
 CERCLA Facilities: Not Selected - Screened Out
 TRI Facilities: Not Selected - Screened Out

Letter in column indicates record instance for:

r RCRIS Program System database ("General" Facility)
 R RCRIS Program System database ("Major" - TSD or LQG Facility)

. P PCS Program System database
 . . A . . . AIRS/AFS Program System database
 . . . C . . CERCLIC (Superfund) Program System database
 T . TRI (Toxics Release Inventory) Program System database
 O Other Program Database

Fac UIN	Facility Name Facility Address	Latitude (Decimal Degrees)	Longitude
NY0000082628	THE COLOR SHOP INC	42.929460	-73.722310
r O	44 ROUTE 146 CLIFTON PARK RD, MECHANICVILLE, NY. 12118-0000		
NY4180000115	US POSTAL SERVICE	42.901819	-73.687738
. . A . . O	18 S MAIN ST, MECHANICVILLE, NY. 12118		
NYD046882247	AMERADA HESS CORP	42.873600	-73.670700
R . A . . O	RIVER RD, RENSSELAER, NY. 12144-0000		

Envfacts Facility Report completed...

 *** End of Report ***

EPA GEOGRAPHIC INFORMATION QUERY SYSTEM (Version 97.1.8)

October 27, 1999

Title : Camarota CleanersPSA
 Sub-Title: 325 Park Avenue

Saratoga County, NY.

Location in Lat/Long: 42 54 12 73 41 27.4 (DMS)

US Albers: X= 1794981 Y= 2423560 (Meters)

Map Scale: Auto Fit to 15 x 11

Notes:

Read Notes on accuracy and extent of all GIS database coverages!!!

Note Version Id on top line as we are continuously upgrading data layers, quality, and calculation methods for this report and associated graphics.

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*** End of Notes ***

 ** Human Health Factors/Concerns **

Population Factors Using 1990 Census Data

Approximate Population and Demographic Analysis

Notes:

- 1) Based on summing Census Tract/Block centroids within selected map area. A portion of actual block may extend beyond distance (overcount), or portions of some blocks may be within distance but centroid is outside (undercount). This technique is simple and achieves good agreement with other methods for all basins and centroid radii at or beyond 2 miles in non-rural areas. Additional tests are planned for method accuracy comparisons.
- 2) The Hispanic Origin category is defined as an ethnic category, not as a race in the official Census definitions. Hispanic Origin may include counts from any of the Census race categories including White. PL171 Census data included a cross tabulation of origin versus race (Fields P004_0001 to 0006). We used these tabulations for our summaries below. Our definition for Total People of Color is Total Population minus the White Non-Hispanic Origin as tabulated in the PL171 data.

These fields are similar to the STF1A P009 class of fields.

Summary for Distance Range of 0 to 1 mile(s).

Processing State Library NY36...

166 Census Block Centroids within selected library/map area.
Will now process statistics for 166 Census Block Centroids...

Total Population = 6322
Household Units = 2840

Population By Origin:	Total	Summary Stats	National Comparison 50 States/D.C.
White	= 6237	98.7%	75.6%
Black	= 2	0.0%	11.8%
AmInd/Esk/Ale	= 5	0.1%	0.7%
Asian/PacIsnd	= 12	0.2%	2.8%
Other	= 0	0%	0.1%
Hispanic	= 66	1.0%	9.0%

Total People of Color= 85 1.3% 24.4% See note 2.

Average Pop Density per sq mi = 2012 (Centroids/Distance Radius Area)

Summary for Distance Range of 0 to 4 mile(s).

Processing State Library NY36...

377 Census Block Centroids within selected library/map area.
Will now process statistics for 377 Census Block Centroids...

Total Population = 14165
Household Units = 5701

Population By Origin:	Total	Summary Stats	National Comparison 50 States/D.C.
White	= 13973	98.6%	75.6%
Black	= 19	0.1%	11.8%
AmInd/Esk/Ale	= 20	0.1%	0.7%
Asian/PacIsnd	= 27	0.2%	2.8%
Other	= 3	0.0%	0.1%
Hispanic	= 123	0.9%	9.0%

Total People of Color= 192 1.4% 24.4% See note 2.

Average Pop Density per sq mi = 281 (Centroids/Distance Radius Area)

Community Water Supplies (EPA National Database)

=====

System Notes:

05/22/97 -- Found severe database problems. Many records had attributes switched with wrong plotting points! We re-constructed plotting points 5/22/97 at 3:00am EDT using the lat/long values stored in the attributes for each record until the originator provides us with a updated database.

Important Notes:

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If you are interested in a particular 8 digit HUC basin code of interest, you can go directly to the Surf Your Watershed pages for that HUC by linking to (using HUC 03030007 for example):
<http://www.epa.gov/surf/HUCS/hucinfo/03030007/>

Drinking Water Database: 1 records selected within this search request...

SDWIS Id: NY4501767 Name: TURF MOBILE HOME PARK Persons Served: 950
 Addr: -, - City/Zip: CLIFTON PARK, 12065
 SDWIS CatUnit: 02020003 Assgnd CatUnit: 02020003
 Record Id: 28818 Lat: 42.872778 Lng: 73.767500

Drinking Water Report completed...

 ** Regulated Facility Report **

EPA Envirofacts Facility Databases Information

Note: 04/10/97 - Using National Envirofacts .EF Data Layer

Envirofacts: 70 facility record instances within this search request...
 Of these, we are interested in the following Program Facilities:
 51 RCRIS instances (All - "General" and "Major")
 (27 of these are "major" TSD or LQG facilities)
 7 PCS instances
 7 AFS/AIRS instances
 0 CERCLIS instances
 0 TRIS instances

Important Notes:

1. For information about the various EPA Facility Program databases and their environmental/regulatory aspects, see the Envirofacts WWW home page at http://www.epa.gov/enviro/html/ef_home.html
2. We have excluded FINDS database record instances from this listing.
3. The latitude/longitude is from the 1st program instance record only. It may not be the best location!
4. Locational accuracy currently varies greatly for this database as EPA is in the process of improving it. Some facilities may still be located at zip code centroids or even have wrong lat/longs putting a facility in a wrong state!

Your Specific Requested Options:

RCRIS Facilities: Not Selected - Screened Out
 PCS (NPDES) Facilities: Not Selected - Screened Out
 AIRS/AFS Facilities: Not Selected - Screened Out
 CERCLA Facilities: Not Selected - Screened Out

TRI Facilities: Not Selected - Screened Out

Letter in column indicates record instance for:

```

r . . . . . RCRIS Program System database ("General" Facility)
R . . . . . RCRIS Program System database ("Major" - TSD or LQG Facility)
. P . . . . . PCS Program System database
. . A . . . . AIRS/AFS Program System database
. . . C . . . CERCLIC (Superfund) Program System database
. . . . T . . TRI (Toxics Release Inventory) Program System database
. . . . . O . Other Program Database

```

Fac UIN	Facility Name Facility Address	Latitude (Decimal Degrees)	Longitude
NY0000082628	THE COLOR SHOP INC	42.929460	-73.722310
r O	44 ROUTE 146 CLIFTON PARK RD, MECHANICVILLE, NY. 12118-0000		
NY4180000115	US POSTAL SERVICE	42.901819	-73.687738
. . A . . O	18 S MAIN ST, MECHANICVILLE, NY. 12118		
NYD046882247	AMERADA HESS CORP	42.873600	-73.670700
R . A . . O	RIVER RD, RENSSELAER, NY. 12144-0000		

Envfacts Facility Report completed...

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*** End of Report ***
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EPA GEOGRAPHIC INFORMATION QUERY SYSTEM (Version 97.1.8)

October 27, 1999

Title : Camarota CleanersPSA
 Sub-Title: 325 Park Avenue

Saratoga County, NY.

Location in Lat/Long: 42 54 12 73 41 27.4 (DMS)

US Albers: X= 1794981 Y= 2423560 (Meters)

Map Scale: Auto Fit to 15 x 11

Notes:

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*** End of Notes ***

 ** Human Health Factors/Concerns **

Population Factors Using 1990 Census Data

Approximate Population and Demographic Analysis

Notes:

- 1) Based on summing Census Tract/Block centroids within selected map area. A portion of actual block may extend beyond distance (overcount), or portions of some blocks may be within distance but centroid is outside (undercount). This technique is simple and achieves good agreement with other methods for all basins and centroid radii at or beyond 2 miles in non-rural areas. Additional tests are planned for method accuracy comparisons.
- 2) The Hispanic Origin category is defined as an ethnic category, not as a race in the official Census definitions. Hispanic Origin may include counts from any of the Census race categories including White. PL171 Census data included a cross tabulation of origin versus race (Fields P004_0001 to 0006). We used these tabulations for our summaries below. Our definition for Total People of Color is Total Population minus the White Non-Hispanic Origin as tabulated in the PL171 data.

These fields are similar to the STF1A P009 class of fields.

Summary for Distance Range of 0 to 1 mile(s).

Processing State Library NY36...

166 Census Block Centroids within selected library/map area.
Will now process statistics for 166 Census Block Centroids...

Total Population = 6322
Household Units = 2840

Population By Origin:	Total	Summary Stats	National Comparison 50 States/D.C.
White	= 6237	98.7%	75.6%
Black	= 2	0.0%	11.8%
AmInd/Esk/Ale	= 5	0.1%	0.7%
Asian/PacIsnd	= 12	0.2%	2.8%
Other	= 0	0%	0.1%
Hispanic	= 66	1.0%	9.0%

Total People of Color= 85 1.3% 24.4% See note 2.

Average Pop Density per sq mi = 2012 (Centroids/Distance Radius Area)

Summary for Distance Range of 0 to 5 mile(s).

Processing State Library NY36...

535 Census Block Centroids within selected library/map area.
Will now process statistics for 535 Census Block Centroids...

Total Population = 23140
Household Units = 9531

Population By Origin:	Total	Summary Stats	National Comparison 50 States/D.C.
White	= 22674	98.0%	75.6%
Black	= 76	0.3%	11.8%
AmInd/Esk/Ale	= 39	0.2%	0.7%
Asian/PacIsnd	= 141	0.6%	2.8%
Other	= 4	0.0%	0.1%
Hispanic	= 206	0.9%	9.0%

Total People of Color= 466 2.0% 24.4% See note 2.

Average Pop Density per sq mi = 294 (Centroids/Distance Radius Area)

Community Water Supplies (EPA National Database)

=====
System Notes:

05/22/97 -- Found severe database problems. Many records had attributes switched with wrong plotting points! We re-constructed plotting points 5/22/97 at 3:00am EDT using the lat/long values stored in the attributes for each record until the originator provides us with a updated database.

Important Notes:

This data layer has been created from the EPA SDWIS Drinking Water database. It is still under construction and is LIMITED at this time to supplies with latitude and longitude locations stored in the database. Many supplies ARE NOT ON THIS REPORT due to lack of latitude and longitude locations but may have been located to the watershed level by USGS Hydrologic Unit Code (HUC). Please refer to the Surf Your Watershed WWW pages (<http://www.epa.gov/surf/>) for a more complete listing of supplies by watershed.

If you are interested in a particular 8 digit HUC basin code of interest, you can go directly to the Surf Your Watershed pages for that HUC by linking to (using HUC 03030007 for example):
<http://www.epa.gov/surf/HUCS/hucinfo/03030007/>

Drinking Water Database: 4 records selected within this search request...

```
SDWIS Id:NY4501767 Name: TURF MOBILE HOME PARK           Persons Served: 950
Addr:-, - City/Zip: CLIFTON PARK, 12065
SDWIS CatUnit: 02020003 Assgnd CatUnit: 02020003
Record Id: 28818 Lat: 42.872778 Lng: 73.767500

SDWIS Id:NY4513313 Name: 'FAY''S TRAILER PARK'           Persons Served: 20
Addr:C/O MARILYN S. FAY, RD #1, BOX 408 City/Zip: SARATOGA SPRGS, 12866
SDWIS CatUnit: 02020003 Assgnd CatUnit: 02020003
Record Id: 28825 Lat: 42.984722 Lng: 73.744444
Record Id: 28826 Lat: 42.984722 Lng: 73.744444
Record Id: 28827 Lat: 42.984722 Lng: 73.744444
```

Drinking Water Report completed...

```
*****
** Regulated Facility Report **
*****
```

EPA Envirofacts Facility Databases Information

Note: 04/10/97 - Using National Envirofacts .EF Data Layer

```
Envirofacts: 126 facility record instances within this search request...
Of these, we are interested in the following Program Facilities:
    97 RCRIS instances (All - "General" and "Major")
      ( 48 of these are "major" TSD or LQG facilities)
    7 PCS instances
    11 AFS/AIRS instances
    1 CERCLIS instances
    2 TRIS instances
```

Important Notes:

1. For information about the various EPA Facility Program databases and their environmental/regulatory aspects, see the Envirofacts WWW home page at http://www.epa.gov/enviro/html/ef_home.html
2. We have excluded FINDS database record instances from this listing.
3. The latitude/longitude is from the 1st program instance record only. It may not be the best location!
4. Locational accuracy currently varies greatly for this database as EPA is in the process of improving it. Some facilities may still be located at zip code centroids or even have wrong lat/longs

putting a facility in a wrong state!

Your Specific Requested Options:

RCRIS Facilities: Not Selected - Screened Out
 PCS (NPDES) Facilities: Not Selected - Screened Out
 AIRS/AFS Facilities: Not Selected - Screened Out
 CERCLA Facilities: Not Selected - Screened Out
 TRI Facilities: Not Selected - Screened Out

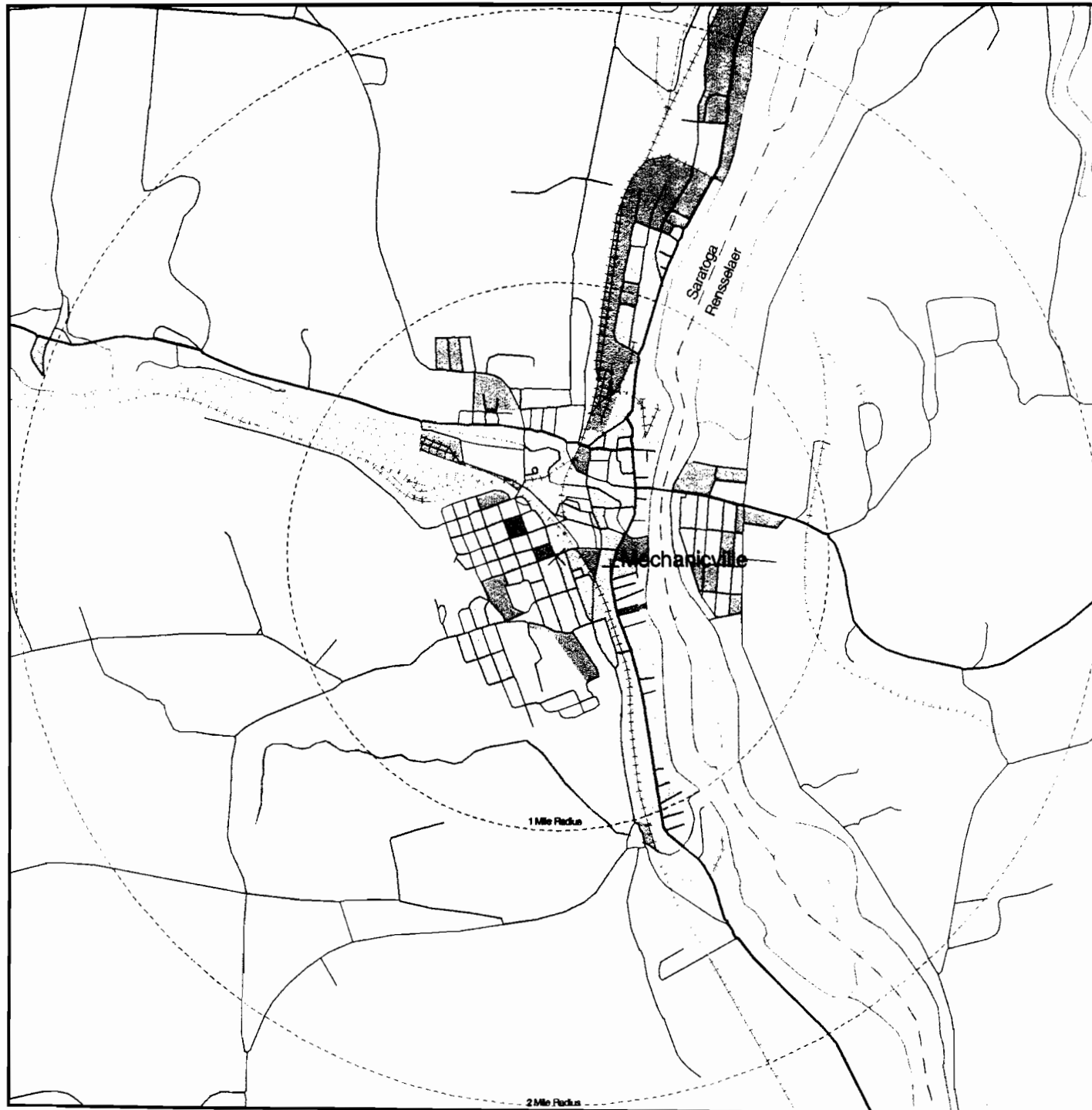
Letter in column indicates record instance for:

r RCRIS Program System database ("General" Facility)
 R RCRIS Program System database ("Major" - TSD or LQG Facility)
 . P PCS Program System database
 . . A AIRS/AFS Program System database
 C . . CERCLIC (Superfund) Program System database
 T . TRI (Toxics Release Inventory) Program System database
 O Other Program Database

Fac UIN	Facility Name Facility Address	Latitude (Decimal Degrees)	Longitude
NY0000082628	THE COLOR SHOP INC	42.929460	-73.722310
r O	44 ROUTE 146 CLIFTON PARK RD, MECHANICVILLE, NY. 12118-0000		
NY4180000115	US POSTAL SERVICE	42.901819	-73.687738
. . A . . . O	18 S MAIN ST, MECHANICVILLE, NY. 12118		
NYD046882247	AMERADA HESS CORP	42.873600	-73.670700
R . A . . . O	RIVER RD, RENSSELAER, NY. 12144-0000		
NYD986968139	DELAWARE & HUDSON RAILWAY CO	42.861257	-73.791900
r O	200 CLIFTON CORP PARK, CLIFTON PARK, NY. 12065-0000		

Envfacts Facility Report completed...

 *** End of Report ***



Camarota CleanersPSA

325 Park Avenue

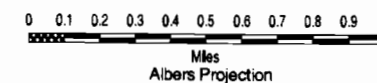
Lat: 42.903322 Long: 73.690954
Saratoga County, NY.

This computer representation has been compiled by the U.S. Environmental Protection Agency (EPA) from sources which have supplied data or information that has not been verified by the the EPA. This data is offered here as a general representation only, and is not to be used for commercial purposes without verification by an independant professional qualified to verify such data or information. The EPA does not guarantee the accuracy, completeness, or timeliness of the information shown, and shall not be liable for any loss or injury resulting from reliance upon the information shown.

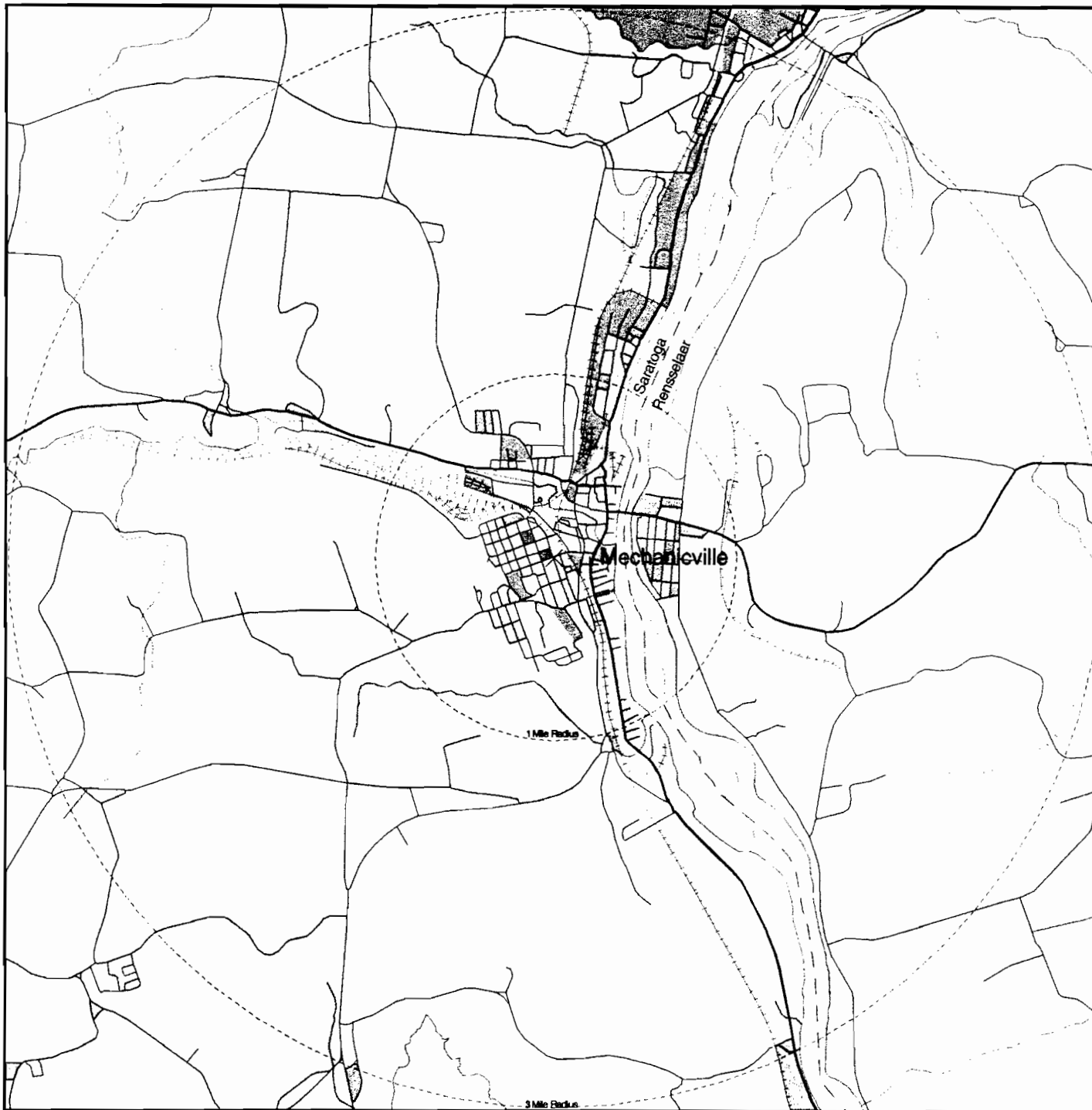
LEGEND

- Public Water Supply
EPA SDWIS System
- Basin Boundary
USGS Catalog Unit
- County Boundary

1990 Population Density Per Sq Mi	
	Under 10
	10-100
	100-1,000
	1,000-3,000
	3,000-6,000
	6,000-10,000
	10,000-20,000
	Over 20,000



Produced October 27, 1999
By SITEPLUS (Req 963280)



Camarota CleanersPSA

325 Park Avenue

Lat: 42.903322 Long: 73.690954
Saratoga County, NY.

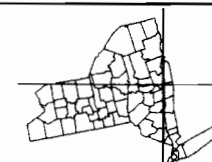
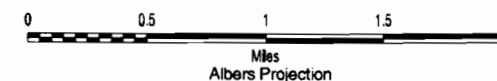
This computer representation has been compiled by the U.S. Environmental Protection Agency (EPA) from sources which have supplied data or information that has not been verified by the the EPA. This data is offered here as a general representation only, and is not to be used for commercial purposes without verification by an independant professional qualified to verify such data or information. The EPA does not guarantee the accuracy, completeness, or timeliness of the information shown, and shall not be liable for any loss or injury resulting from reliance upon the information shown.

LEGEND

-  Public Water Supply
EPA SDWIS System
-  Basin Boundary
USGS Catalog Unit
-  County Boundary

1990 Population Density Per Sq Mi

 Under 10	 3,000 - 6,000
 10 - 100	 6,000 - 10,000
 100 - 1,000	 10,000 - 20,000
 1,000 - 3,000	 Over 20,000



Produced October 27, 1999
By SITEP_US (Req #63298)



Camarota CleanersPSA

325 Park Avenue

Lat: 42.903322 Long: 73.690954
Saratoga County, NY.

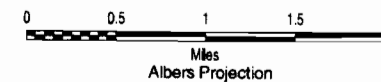
This computer representation has been compiled by the U.S. Environmental Protection Agency (EPA) from sources which have supplied data or information that has not been verified by the EPA. This data is offered here as a general representation only, and is not to be used for commercial purposes without verification by an independent professional qualified to verify such data or information. The EPA does not guarantee the accuracy, completeness, or timeliness of the information shown, and shall not be liable for any loss or injury resulting from reliance upon the information shown.

LEGEND

- Public Water Supply
EPA SDWIS System
- Basin Boundary
USGS Catalog Unit
- County Boundary

1990 Population Density Per Sq Mi

Under 10	3,000 - 6,000
10 - 100	6,000 - 10,000
100 - 1,000	10,000 - 20,000
1,000 - 3,000	Over 20,000



Produced October 27, 1999
By SITEPLUS (Req 863317)



Camarota CleanersPSA

325 Park Avenue

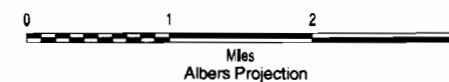
Lat: 42.903322 Long: 73.690954
Saratoga County, NY.

This computer representation has been compiled by the U.S. Environmental Protection Agency (EPA) from sources which have supplied data or information that has not been verified by the EPA. This data is offered here as a general representation only, and is not to be used for commercial purposes without verification by an independent professional qualified to verify such data or information. The EPA does not guarantee the accuracy, completeness, or timeliness of the information shown, and shall not be liable for any loss or injury resulting from reliance upon the information shown.

LEGEND

- Public Water Supply
EPA SDWIS System
- Basin Boundary
USGS Catalog Unit
- County Boundary

1990 Population Density Per Sq Mi	
Under 10	3,000 - 6,000
10 - 100	6,000 - 10,000
100 - 1,000	10,000 - 20,000
1,000 - 3,000	Over 20,000



Produced October 27, 1999
By SITEPLUS (Req #63212)

REFERENCE 50

distance (mile)	population density (per mile ²)	area (per mile ²)	population (per area)
0 - 1	2012	0 - 0.25	395 ①
	2012	0.25 - 0.50	1185 ②
	2012	0.50 - 1	4738 ③
0 - 2	619	1 - 2	1457 ④
0 - 3	348	2 - 3	2060 ⑤
0 - 4	281	3 - 4	4283 ⑥
0 - 5	294	4 - 5	8962 ⑦

$$① (\pi)(0.25)^2(2012)$$

$$② (\pi)(0.50)^2(2012) - 395$$

$$③ (\pi)(1)^2(2012) - 1185 - 395$$

$$④ (\pi)(2)^2(619) - 4738 - 1185 - 395$$

$$⑤ (\pi)(3)^2(348) - 1457 - 4738 - 1185 - 395$$

$$⑥ (\pi)(4)^2(281) - 2060 - 1457 - 4738 - 1185 - 395$$

$$⑦ (\pi)(5)^2(294) - 4283 - 2060 - 1457 - 4738 - 1185 - 395$$