APPENDIX A
SEELER ASSOCIATES BORING LOGS

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log	Well Name/Location: B-1 3.8 ft. E, 13.7 ft. N of NW Bldg Corner
Client: City of Rochester	Start Date: 12/8/93
Project: SPEEDY'S CLEANERS	Finish Date: 12/8/93

DRILLING DATA

Consultant:	P. von Schondorf
Contractor:	Nothnagle Drilling
Equipment:	Diedrich D-50
Method:	Hollow Stem Auger

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL DEVELOPMENT

Method:	NA
Duration:	NA
Gals. Purged:	NA
Slug Test:	NA

SURVEY DATA DATUM

GRADE: 531.56
TWC: NA
TCB: NA

WELL CONSTRUCTION — soil / rock

SAMPLE DATA

Geophysical Log: yes no X
Comments:

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (1-3ft.)	9-5 5-5	50%	Fill	0	Fill, red brick some soil.	
S-2 (3-5ft.)	7-7 5-11	50%	Fill	0	Same as above.	
S-3 (5-7ft.)	5-6 9-10	62%	Fill	0	Same as above, w/ wood pieces	
S-4 (7-9ft.)	14-11 19-29	NR	ML	420	Fill to approx. 8.5 ft., black stained Silt, slight petroleum odor, moist.	Sample S-4 for ASP 91-1 sample #7.
S-5 (9-10.9ft.)	33-35 46-105/5"	NR	ML	350	Black stained Silt to approx. 9.5ft. change to Brn/gry Silt/v.fn. Sand w/ staining migrating along v. thin seams (sand?).	
S-6 (11-13ft.)	40-86 70-47	NR	SP/SM	250	Brn/gry Silt grading to v.fn./md. Sand little silt, tr grvl, @ approx. 11.5 ft. black staining in a 1" seam wet.	
S-7 (13-15ft.)	40-44 70-66	83%	SP/SM	350	Same as above, no staining noted.	
S-8 (15-16.25ft)	43-100 100/3"	100%	SM/ML	19	Same as above, grading to Silt some fn sand.	

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-1

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/8/93

Finish Date: 12/8/93

WELL CONSTRUCTION	soil / rock	SAMPLE DATA						
	Samp. No.	Blows 6/in.	% Rec.	USCS	OVA	Geophysical Log: yes no Comments:		
	Run No. (Depth)	Hydraul. Cond. cm/sec	% Rec.	% ROD	(ppm)	VISUAL CLASSIFICATION	REMARKS	
	S-9 (17-18.5ft.)	87-102 172	83%	ML	20	Brn/gry Silt some v.fn. sand tr grvl. damp.		
	S-10 (19-21ft.)	50-70 70-45	83%	SM/ML	6	Brn/gry v.fn Sand and silt, dry.		
	S-11 (21-23ft.)	82-99 100-116	NR	SM/ML	17	Same as above.	Sample S-11for ASP 91-1 sample #8.	
	S-12 (23-23.75ft.)	97-100/3	100	ML/SM	11	Brn/gry silt some v. fn. sand, wet.		
	S-13 (25ft.)	NR	0			Sampler refusal at 25 feet.		

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-2, 52.8 ft. E, 13.5 ft. S of NE Bldg. Corner

Client: City of Rochester
Project: SPEEDY'S CLEANERS

Start Date: 12/6/93
Finish Date: 12/6/93

DRILLING DATA

Consultant: P. von Schondorf
Contractor: Nothnagle Drilling
Equipment: Diedrich D-50
Method: Hollow Stem Auger

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL DEVELOPMENT

Method: NA
Duration: NA
Gals. Purged: NA
Slug Test: NA

SURVEY DATA DATUM

GRADE: 532.44
TWC: NA
TCB: NA

WELL CONSTRUCTION

soil
rock

Geophysical Log: yes no X
Comments:

SAMPLE DATA

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (1-3ft.)	10-10 6-3	NR	Fill	0	Fill, Brn/gry Silt, sand ,grvl, brick dry.	
S-2 (3-5ft.)	4-3 2-4	0	Fill	0	No recovery	
S-3 (5-7ft.)	1-1 1-5	0	Fill	0	No recovery	
S-4 (7-9ft.)	1-13 17-26	NR	SM	220	Brn fn Sand, little silt with black stained layer of silt.	
S-5 (9-11ft.)	31-27 27-72	NR	SM/ML	185-225	Black stained Silt to 9.5 ft., change to brn Sand and silt w/ black stain in bedding planes,dry.	
S-6 (12-14ft.)	21-47 42-72	NR	SM	250	Brn/gry Sand little silt tr grvl, damp.	Sample S-6 for ASP 91-1 sample #2.
S-7 (14-15.5ft.)	47-85 92	NR	SM/ML	220	Brn/gry v.fn Sand and silt, tr grvl wet.	
S-8 (16-17.5ft)	62-60 94	NR	SM/Ml	12	Same as above, staining @ 16-16.5 ft.	

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-2

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/6/93

Finish Date: 12/6/93

Geophysical Log: yes no

Comments:

WELL CONSTRUCTION	soil / rock	SAMPLE DATA						
	Samp. No. / Run No. (Depth)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	OVA (ppm)	VISUAL CLASSIFICATION	REMARKS
	S-9 (18-19.5ft.)	40-100 105	NR	ML/SM	15	Brn/gry Silt some v.fn. sand in varves, wet -moist.	
	S-10 (20-21.5ft.)	30-54 42	NR	ML	5	Brn/gry Silt little sand and grvl dry. ordor of petroleum in lower part of sample.	
	S-11 (22-23.3ft.)	40-75 115/3"	NR	ML	14	Brn Silt little v.fn sand and grvl damp.	
	S-12 (24-25ft.)	85-200	NR	ML	140	Brn/gry Silt and fn sand tr grvl. dry-damp. Auger refusal at 28 feet. Sampler refusal @26 ft.	Sample S-12 for ASP 91-1 sample #3. Auger to 26 ft.

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-3, 16.3 ft. S, 47.5 ft. W of NE Bldg. Corner.

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/15/93

Finish Date: 12/15/93

DRILLING DATA

Consultant: P. von Schondorf

Contractor: Nothnagle Drilling

Equipment: Gardner Denver

Method: Hand held pneumatic hammer

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL CONSTRUCTION

soil / rock

WELL DEVELOPMENT

Method: NA

Duration: NA

Gals. Purged: NA

Slug Test: NA

SURVEY DATA DATUM

GRADE: 532.48ft.

TWC: NA

TCB: NA

SAMPLE DATA

Geophysical Log: yes no X

Comments:

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (.83ft.-1.83ft.)		NR	Fill	6	0-10 in. concrete slab; Fill, brick, cinders,wet.	TCLP sample of slab, TCLP sample #3
S-2 (2-4.9ft.)		NR	Fill	310	Void from 2 to 4.9 ft., Fill same as above.	TCLP sample of fill, TCLP sample S-4, for ASP 91-1 sample # 13.
S-3 (4.9-6.1ft.)		NR	SM	310	Brn/gry, v.fn Sand some silt staining along appearent bedding in upper 6 in. of sample, dry.	
S-4 (6.6-7.5ft.)		NR	SM	300	Brn/gry, v.fn. Sand/Silt, tr c. sand dry.	Drill to 6.6 ft. with air hammer.
S-5 (7.5-8ft.)		NR	SM	280	Same as above.	Attempt to sample, but v. dense air hammer through hard spot 8 to 10.1ft., sample refusal at 10.2 ft.

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-4, 32.7 ft. W, 5 ft. N of NE Bldg. Corner

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/6/93

Finish Date: 12/8/93

DRILLING DATA

Consultant: P. von Schondorf

Contractor: Nothnagle Drilling

Equipment: Diedrich D-50

Method: Hollow Stem Auger

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL DEVELOPMENT

Method: NA

Duration: NA

Gals. Purged: NA

Slug Test: NA

SURVEY DATA DATUM

GRADE: 532.59

TWC: NA

TCB: NA

WELL CONSTRUCTION

soil / rock

SAMPLE DATA

Geophysical Log: yes no X

Comments:

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (1-3ft.)		NR	Fill	10	Fill, Sand and gravel.	Drill from 0 to 11ft. using hamm pushing 3 and 5 foot sampler
S-2 (3-8ft.)		40%	Fill	0	Same as above.	
S-3 (8-11ft.)		NR	SM	0	Brn, fn/med. Sand some silt tr grvl, moist.	
S-4 (11-13ft.)	15-27 47-57	83%	SM	180	Brn fn Sand, little silt with some seams of silt, tr grvl., black stains blk stain in sand, moist.	Sample S-4 for ASP 91-1 sample #1.
S-5 (13-15ft.)	27-47 87-27	75%	SM	140	Same as above, stains in upper 2 inches of sample in sand seams, moist.	
S-6 (15-17ft.)	30-60 87-110	75%	SP	6	Brn/gry fn/med. Sand, grvl, little silt, occ. silt seams, wet.	
S-7 (17-19ft.)	41-66 98-180	83%	SM/SP	5	Same as above, slight decrease in silt w/ depth.	
S-8 (19-21ft)	60-63 90-142	75%	SM	12	Brn/gry fn Sand some silt, tr grvl, dry.	

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log | Well Name/Location: B-4

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/6/93

Finish Date: 12/8/93

Geophysical Log: yes no

Comments:

WELL CONSTRUCTION	soil / rock	SAMPLE DATA						
	Samp. No.	Blows 6/in.	% Rec.	USCS	OVA	VISUAL CLASSIFICATION	REMARKS
	Run No. (Depth)	Hydraul. Cond. cm/sec	% Rec.	% ROD	(ppm)		
	S-9 (21-23ft.)	73-140 132-176	75%	ML	190	Brn/gry Silt some v.fn. sand tr grvl. damp.	Sample S-9 for ASP 91-1 sample #6.
	S-10 (23-24ft.)	82-194	100%	SP	9	Brn/gry fn/med Sand little silt, tr grvl, dry.	
	S-11 (25-26ft.)	95-175	100%	SP	7	Brn fn/c Sand and grvl little silt occ. silt seams, wet.	
	S-12 (27-28.25ft.)	80-140 100/3"	100	SM	9	Brn/gry fn/c Sand some silt and grvl, wet to 27.5.	
						Auger refusal at 28 feet.	

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-5, 10 ft. E, 43 ft. S of NE Bldg. Corner.

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/7/93

Finish Date: 12/7/93

DRILLING DATA

Consultant: P. von Schondorf

Contractor: Nothnagle Drilling

Equipment: Diedrich D-50

Method: Hollow Stem Auger

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL CONSTRUCTION: soil / rock

WELL DEVELOPMENT

Method: NA

Duration: NA

Gals. Purged: NA

Slug Test: NA

SURVEY DATA DATUM

GRADE: 533.51

TWC: NA

TCB: NA

Geophysical Log: yes no X

Comments:

SAMPLE DATA

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (0-2ft.)	10-4 5-6	50%	Fill	5	Fill, Silt, gravel, cinders, concrete, wet.	
S-2 (2-4ft.)	5-5 5-7	50%	Fill	0	Fill, Brn, Silt some sand, brick, wet-moist.	
S-3 (4-6ft.)	22-12 12-12	25%	Fill	4	Same as above.	
S-4 (6-8ft.)	7-2 3-14	25%	Fill	0	Same as above.	
S-5 (8-10ft.)	12-18 22-22	33%	Fill/SM	NR	Fill, Brn, Sand and silt, with bricks.	Auger refusal @ 10 ft. Move borehole 2 ft. SE.
S-6 (10-12ft.)	20-20 30-32	NR	Fill/SM	165	Fill to approx. 11ft. Brn fn Sand some silt, blk staining obs. in lower part of sample, 1 in. seam of stain following beddding.	Sample S-6 for ASP 91-1, sample #4.
S-7 (12-14ft.)	25-35 51-72	NR	SP	0	Brn/gry fn/med Sand little silt tr. grvl, wet.	
S-8 (14-16ft)	25-53 45-54	NR	SP	0	Brn/gry, Med/fn Sand little silt tr grvl, moist.	

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-5

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/7/93

Finish Date: 12/7/93

Geophysical Log: yes no

Comments:

WELL CONSTRUCTION	soil / rock	SAMPLE DATA					
	Samp. No. / Run No. (Depth)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	OVA (ppm)	VISUAL CLASSIFICATION	REMARKS
	S-9 (16-17ft.)	63-218	NR	SP	40	Brn/gry, Med/fn Sand little silt tr grvl, moist.	Sample S-9 for ASP 91-1 Sample # 5
	S-10 (18-20ft.)	65-55 55-60	NR	SM	3	Gry/brn, fn Sand some silt and rock frag., dry.	
	S-11 (23-24.25ft.)	30-122 160/3"	NR	SM	3	Gry/brn fn/med Sand little silt moist.	
	S-12 (25-25.5ft.)	96-116/2in.	NR	SM	8	Same as above.	
	S-13 (26-26.58ft.)	165-210/1in.	NR	SP	5	Same as above.	
						Auger refusal at 26.83ft.	

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-6, 84.3 ft. S, 43.9 ft. W of NW Bldg. Corner.

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/13/93

Finish Date: 12/14/93

DRILLING DATA

Consultant: P. von Schondorf

Contractor: Nothnagle Drilling

Equipment: Gardner Denver

Method: Hand held pneumatic hammer

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL CONSTRUCTION

soil / rock

WELL DEVELOPMENT

Method: NA

Duration: NA

Gals. Purged: NA

Slug Test: NA

SURVEY DATA DATUM

GRADE: 522.36

TWC: NA

TCB: NA

SAMPLE DATA

Geophysical Log: yes no X

Comments:

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (4.5in.-1ft.)		NR	Fill	300	0-4.5 in. concrete slab; Fill, Blk stained cinders,wet.	TCLP sample of slab sample #6, sample S-1 for TCLP sample #1, ASP 91-1
S-2 (1-1.25ft.)		NS	NS	NS		sample #12 Cannot penetrate past 15 in. re-enter previously drilled hole.
S-2a (1-2ft.)		NR	SM	220	Gry/brn, v.fn Sand some silt wet, slight staining.	
S-3a (2-2.5'ft.)		NR	ML	220	Gry/brn, Silt some fn/c sand poss. staining.	Can not penetrate past 2.5 ft.
						On Dec. 14th B-6 was drilled from 15 in. to 2 ft. Brn/gry, Silt and v. fn. sand tr. grvl. damp. Hnu 300.
S-4 (3-3.2ft.)		NR	SM	300	Brn/gry, fn/c Sand some silt, damp.	
S-5 (3.2-4ft.)		NR	SM	350	Brn/gry, fn/c Sand some silt, tr grvl., lenses of m/c Sand little silt.	
					Refusal @ 4 ft.	

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-7, 5.4 ft. E, 85.8 ft. S of NW Bldg. Corner.

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/13/93

Finish Date: 12/14/93

DRILLING DATA

Consultant: P. von Schondorf

Contractor: Nothnagle Drilling

Equipment: Gardner Denver

Method: Hand held pneumatic hammer

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL CONSTRUCTION: soil / rock

WELL DEVELOPMENT

Method: NA

Duration: NA

Gals. Purged: NA

Slug Test: NA

SURVEY DATA DATUM

GRADE: 522.18

TWC: NA

TCB: NA

Geophysical Log: yes no X

Comments:

SAMPLE DATA

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (1.5in.-2.5ft.)		NR	Fill	115	0-15. in. concrete slab; Fill, Brn., v.fn. Sand some silt.	
S-2 (2.5-3ft.)		NR	ML	220	Brn, Silt and v.fn. sand, tr grvl. wet-moist.	
S-3 (3-4ft.)		NR	SM	350	Brn, v.fn/med. Sand some silt wet, dense.	Sample S-3 for ASP 91-1 sample #11.
S-4 (4-5.4'ft.)		NR	SM	325	Same as above.	
					Can not re-enter hole past 4 ft. Attempt to enter previously drilled hole, upper 8 inches heavily stained. Hole refuses penetration below 3.5 ft.	

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log

Well Name/Location: B-8, 13.1 ft. E 45.2 ft. S of NW Bldg. Corner.

Client: City of Rochester

Project: SPEEDY'S CLEANERS

Start Date: 12/16/93

Finish Date: 12/16/93

DRILLING DATA

Consultant: P. von Schondorf

Contractor: Nothnagle Drilling

Equipment: Gardner Denver

Method: Hand held pneumatic hammer

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL DEVELOPMENT

Method: NA

Duration: NA

Gals. Purged: NA

Slug Test: NA

SURVEY DATA

DATUM

GRADE: 532.52

TWC: NA

TCB: NA

WELL CONSTRUCTION

soil / rock

SAMPLE DATA

Geophysical Log: yes no X

Comments:

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (.75ft.-2ft.)		NR	Fill	0	0-9 in. concrete slab; D. Brn, silt, grvl., cinders/ash(?),moist.	
S-2 (2-4ft.)		NS	Fill	0	No sample.	
S-3&S-4 (4-5.75ft.)		NR	Fill	0	D. Brn., cinders, damp changing to Brn/gry, Silt some v.fn sand, damp.	Hard spot at 6 ft. attempt to drill with air hammer to 6ft.
S-5 (6- 6.2ft.)		NR	Fill	0	D. Brn., cinders, damp poss. cavings.	Attempt to advance hole with hammer drill. Refusal with hammer drill @ 6.5ft.

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log	Well Name/Location: B-9, 17 ft. E, 3 ft. N of NE Bldg. Corner.
Client: City of Rochester	Start Date: 12/9/93
Project: SPEEDY'S CLEANERS	Finish Date: 12/9/93

DRILLING DATA

Consultant:	P. von Schondorf
Contractor:	Nothnagle Drilling
Equipment:	Diedrich D-50
Method:	Hollow Stem Auger

SAMPLING METHODS

	Sampler	Tube	Core
Type:	Split Spoon	NA	NA
Diameter:	2 in.	NA	NA
Other:			

WELL CONSTRUCTION

	Riser	Screen
Material:	NA	NA
Diameter (ID):	NA	NA
Coupling:	NA	NA

WELL DEVELOPMENT

Method:	NA
Duration:	NA
Gals. Purged:	NA
Slug Test:	NA

SURVEY DATA DATUM

GRADE: 533.32
TWC: NA
TCB: NA

WELL CONSTRUCTION — soil / rock

SAMPLE DATA

Geophysical Log: yes no X

Comments:

Samp. No. / Run No. (DEPTH)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	Hnu (ppm)	VISUAL CLASSIFICATION	REMARKS
S-1 (0-2ft.)	11-6 6-6	83%	Fill	0	Fill, Silt, gravel, cinders, asphalt.	
S-2 (2-4ft.)	6-16 11-10	62%	Fill	0	Same as above.	
S-3 (4-6ft.)	4-4 6-6	75%	Fill	0	Same as above, with brick.	
S-4 (6-8ft.)	4-3 6-5	50%	Fill	0	Same as above.	
S-5 (8-10ft.)	WOH-13 5-3	62%	Fill/ML	0	Fill overlying black silty sand approx. 3 in thick, over brn med. to c. Sand.	Hammer fall may be due to a void assoc. with demolition debris
S-6 (10-12ft.)	3-2 6-10	NR	SM	350	Brn v. fn Sand some silt over slightly stained gry med/c Sand approx. 6 in. thick, blk stained Sand cont. to end of spoon.	Sample for 8240 analysis sample #9.
S-7 (12-14ft.)	24-52 60-86	NR	SM	NR	Black stained Sand and silt from approx. 12' to 13 ft., below stain, Brn Sand and silt. wet to damp.	Stain has migrated downward into brn. sand silt approx. 4 in.
S-8 (14-14.75ft)	38-100/3" 45-54	NR	SP	280	Black stained Sand with grvl., wet, below stain Gry/brn med/fn Sand.	No water entering augers.

SEELER ASSOCIATES

Environmental Consultants

Subsurface Boring Log	Well Name/Location: B-9
Client: City of Rochester	Start Date: 12/9/93
Project: SPEEDY'S CLEANERS	Finish Date: 12/9/93

Geophysical Log: yes no

Comments:

WELL CONSTRUCTION	soil / rock	SAMPLE DATA					
	Samp. No. / Run No. (Depth)	Blows 6/in. / Hydraul. Cond. cm/sec	% Rec. / % Rec.	USCS / % ROD	OVA (ppm)	VISUAL CLASSIFICATION	REMARKS
	S-9 (16-18ft.)	16-82 102-82	NR	SP	5	Brn v.fn/fn Sand little silt, damp.	
	S-10 (18-18.75ft.	45-100/3"	NR	SP	45	Same as above, trace grvl, occ. lenses of silt, approx. 50%, dry.	
	S-11 (20-21.08ft.	125-150 60/1"	NR	SP	6	Gry/brn v.fn/fn. Sand little silt occ. grvl, dry.	
	S-12 (22-23.66ft.	22-42 135-100/2"	NR	SP	8	Brn/gry v.fn Sand, little silt, occ. varves or lenses of silt, dry.	
	S-13 (24-24.58ft.)	50-100/1"	NR	SP	10	Same as above.	
	S-14 (26-27.08ft.	115-120 90/1"	NR	SP	NR	Same as above with rock frag.	
						Auger to 27.25ft. poss. rock auger refusal. Grouted borehole with approx. 40 gal. of cement grout, mixed at ratio of 8 gals. water to 94 lbs. cement. Grout hole through augers.	

APPENDIX B
LABELLA ASSOCIATES BORING LOGS

LABELLA ASSOCIATES, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINNEERING CONSULTANTS	PROJECT CITY OF ROCHESTER STONE/COURT/CLINTON/BROAD	BORING # GW-3 SHEET 1 OF 2 JOB # 92128 CHKD. BY DP

CONTRACTOR	NOTHNAGLE DRILLING INC.	BORING LOCATION	Court Street
DRILLER	Steve Laranty	GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE	Dennis Peck	START DATE 3/28/92	END DATE 3/28/92

TYPE OF DRILL RIG	CME-75
AUGER SIZE AND TYPE	4 - 1/4 inch I.D. HSA
OVERBURDEN SAMPLING METHOD	1-3/8 inch I.D. Split spoon
ROCK DRILLING METHOD	NA

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOW / 6"	NO.	DEPTH (FT.)	N-VALUE /ROD(%)	RECOVERY (INCHES)	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	HNU	NOTES
1						Asphalt			
						Gray SAND and GRAVEL (road base)		8 inch I.D. protective steel casing (flush mount)	
	31	S-1	1-3	27	21				
2	17								
	10					Medium dense brown SAND, trace Gravel trace Silt, dry		2 inch I.D. schedule 10 PVC riser (0.0 - 9.0 feet)	
3	7								
	6	S-2	3-5	9	14	Loose Brown SAND, homogeneous, dry		BG	
4	5								
	5							Native soil fill (1.0 - 6.0 feet)	
5	4								
	2	S-3	5-7	2	20	... Very loose		BG	
6	1								
	1							Bentonite Pellet Seal (5.0 - 7.0 feet)	
7	2								
	7	S-4	7-9	34	20	... Medium Dense, wet at 8 feet		BG	
8	16								
	18								
9	18								
	14	S-5	9-11	30	22			BG	
10	13								
	17								
11	22								
	10	S-6	11-13	70	24			BG	
12	20							2 inch I.D. No. 10 slot PVC screen (9.0 - 29.0 feet)	
	50					Very dense gray fine SAND, trace Silt moist			
13	80								
	10	S-7	13-15	96	24			BG	
14	40					... trace fine Gravel			
	56							No. 3 QROK Sand pack (7.0 - 29.0 feet)	
15	72								
	12	S-8	15-17	98	24	... some Gravel, stratified		BG	
16	42								
	56								
17	66								

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED. FLUCTUATIONS OF GROUNDWATER

LABELLA ASSOCIATES, P.C.
300 STATE STREET ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINNEERING CONSULTANTS

PROJECT
CITY OF ROCHESTER
STONE/COURT/CLINTON/BROAD

BORING # GW-3
SHEET 2 of 2
JOB # 92128
CHKD. BY

DEPTH	SAMPLE BLOW/6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (INCHES)	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	moisture	HNU	NOTES
18						Very dense gray fine SAND, trace Silt trace Gravel, moist				
19										
20										
	20	S-9	20-22	112	22	... wet			BG	
21	50									
	62					Gray SILT and SAND, dry				
22	88					Gray medium to coarse SAND some Gravel, wet				
23										
24										
25										
	25	S-10	25-27	100/4	12	Gray fine SAND, little Gravel, moist			BG	
26	92									
	100/4									
27										
28										
29										
30						Bedrock at 28'11" (Lockport Dolomite)				
31										
32										
33										
34										
35										
36										
37										

2 inch I.D. No. 10 slot PVC screen (9.0 - 29.0 feet)

No. 3 QROK Sand pack (7.0 - 29.0 feet)

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED. FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

LABELLA ASSOCIATES, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINNEERING CONSULTANTS

PROJECT
CITY OF ROCHESTER
STONE/COURT/CLINTON/BROAD

BORING # GW-4
SHEET 1 OF 2
JOB # 92128
CHKD. BY DP

CONTRACTOR	NOTHNAGLE DRILLING INC.	BORING LOCATION	Broad Street
DRILLER	Steve Laranty	GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE	Dennis Peck	START DATE 3/28/92	END DATE 3/28/92

TYPE OF DRILL RIG	CME-75
AUGER SIZE AND TYPE	4 - 1/4 Inch I.D. HSA
OVERBURDEN SAMPLING METHOD	1-3/8 Inch I.D. Split spoon
ROCK DRILLING METHOD	NA

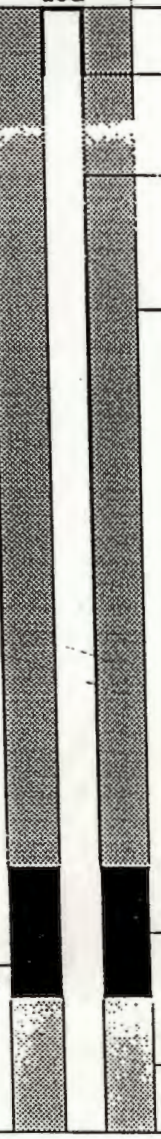
WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	BLOW / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (INCHES)	SAMPLE DESCRIPTION
1						Asphalt, road base
	10	S-1	1-3	30	14	Medium dense, Brown-Gray SAND
2	12					and coarse GRAVEL. (fill?) dry
	18					
3	10					
4						
5						
	2	S-2	5-7	6	12	. . . loose
6	3					
	3					
7	2					
8						
9						
	5	S-3	9-11	6	20	
10	3					
	3					
11	3					
12						
13						
14						
	10	S-4	14-16	58	24	
15	20					Very dense Gray-brown fine-medium SAND
	38					trace Gravel, wet at 14.5'
16	55					
17						

EQUIPMENT INSTALLATION

LOG



HNU	NOTES
BG	
BG	
BG	

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.

LABELLA ASSOCIATES, P.C.
300 STATE STREET ROCHESTER, NEW YORK

ENVIRONMENTAL ENGINNEERING CONSULTANTS

PROJECT
CITY OF ROCHESTER
STONE/COURT/CLINTON/BROAD

BORING # GW-4
SHEET 2 of 2
JOB # 92128
CHKD. BY

DEPTH	SAMPLE BLOW /6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (INCHES)	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	HNU	NOTES
18						Very dense Gray-brown fine-medium SAND trace Gravel, wet			
19									
20	15	S-5	20-22	77	22			BG	
21	35								
22	42 48							2 inch I.D. No. 10 slot PVC screen (17.0 - 27.0 feet)	
23									
24	22	S-6	24-26	107	20	. . . moist		No. 3 QROK Sand pack (15.0 - 27.0 feet) BG	
25	52 55								
26	100/5								
27						Bedrock at 27 feet (Lockport Dolomite)			
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

LABELLA ASSOCIATES, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINNEERING CONSULTANTS	PROJECT CITY OF ROCHESTER STONE/COURT/CLINTON/BROAD	BORING # GW-1 SHEET 1 OF 2 JOB # 92128 CHKD. BY DP

CONTRACTOR	NOTHNAGLE DRILLING INC.	BORING LOCATION	Clinton Avenue
DRILLER	Neil Short	GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE	Larry Teta	START DATE 2/1/92	END DATE 2/2/92

TYPE OF DRILL RIG	CME-55
AUGER SIZE AND TYPE	4 - 1/4 inch I.D. HSA
OVERBURDEN SAMPLING METHOD	1-3/8 inch I.D. Split spoon
ROCK DRILLING METHOD	NA

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOW/6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (INCHES)	SAMPLE DESCRIPTION	MOISTURE	HNU	NOTES
						Asphalt			
1									
2									
3									
4									
5									
	10	S-1	5-7	31	18	Dense, Brown-yellow fine SAND, trace Silt	dry	BG	
6	16								
	15								
7	30								
8									
9									
10									
	14	S-2	10-12	100/6	20	Very dense brown fine SAND, trace Silt,	moist	BG	
11	33					trace Gravel			
	100/6								
12									
13									
14									
15									
	32	S-3	15-17	100/5	11	Very dense gray SAND, some Silt,	moist	BG	
16	100/5					trace Gravel			

EQUIPMENT INSTALLATION LOG

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

LABELLA ASSOCIATES, P.C.
300 STATE STREET ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINNEERING CONSULTANTS

PROJECT
CITY OF ROCHESTER
STONE/COURT/CLINTON/BROAD

BORING # GW-1
SHEET 2 of 2
JOB # 92128
CHKD. BY

DEPTH	SAMPLE BLOW /6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (INCHES)	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	moisture	HNU	NOTES
17										
18										
19										
20										
	27	S-4	20-22	100/4	10	Very dense gray SAND, some Silt,		moist to wet	BG	
21	100/4					trace Gravel				
								2 inch I.D. No. 10 slot PVC screen (11.1 - 31.1 feet)		
22										
23										
24								No. 3 QROK Sand pack (8.0 - 31.1 feet)		
25	100/5	S-5	25-27	100/5	5			moist	BG	
26										
27										
28										
29										
30										
	37	S-6	30-32	100/3	5			moist	BG	
31	100/3					Bedrock at 30' 6" (Lockport Dolomite)				
32										
33										
34										
35										
36										

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

LABELLA ASSOCIATES, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINNEERING CONSULTANTS	PROJECT CITY OF ROCHESTER STONE/COURT/CLINTON/BROAD	BORING # GW-2 SHEET 1 OF 2 JOB # 92128 CHKD. BY DP

CONTRACTOR	NOTHNAGLE DRILLING INC.	BORING LOCATION	Stone Street
DRILLER	Neil Short	GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE	Larry Teta	START DATE 2/1/92	END DATE 2/1/92

TYPE OF DRILL RIG	CME-55
AUGER SIZE AND TYPE	4-1/4 inch I.D. HSA
OVERBURDEN SAMPLING METHOD	1-3/8 inch I.D. Split spoon
ROCK DRILLING METHOD	NA

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOW / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (INCHES)	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	MOISTURE	HNU	NOTES
						Asphalt				
1								Cement grout (0.0 - 1.0 feet)		
								8 inch I.D. flush mount protective steel casing		
2										
								2 inch I.D. schedule 10 PVC riser (0.0 - 16.4 feet)		
3										
4										
5								Native soil fill (1.0 - 11.4 feet)		
	2	S-1	5-7	4	4	Very loose Brown SAND, little Gravel Bricks (FILL)		dry	BG	
6	2									
	2									
7	4									
8										
9										
10										
	40									
11	100/2	S-2	10-12	100/2	16	Very dense brown SAND, trace Gravel		dry	15 ppm	1
12										
13								Bentonite pellet seal (11.4 - 14.4 feet)		
14										
15								No. 3 QROK Sand pack (14.4 - 26.7 feet)		
	26	S-3	15-17	100/4	20	Very dense gray SAND and SILT		dry	3 ppm	
16	100/4									

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

1. Soil sample taken for laboratory analysis

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.

LABELLA ASSOCIATES, P.C.
300 STATE STREET ROCHESTER, NEW YORK

ENVIRONMENTAL ENGINNEERING CONSULTANTS

PROJECT
CITY OF ROCHESTER
STONE/COURT/CLINTON/BROAD

BORING # GW-2
SHEET 2 OF 2
JOB # 92128
CHKD. BY

DEPTH	SAMPLE BLOW /6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (INCHES)	SAMPLE DESCRIPTION	EQUIPMENT INSTALLATION LOG	moisture	pH	NOTES
17										
18										
19										
20										
21	36 100/2	S-4	20-22	100/2	5	. . . trace Gravel		moist	BG	
22										
23										
24										
25										
26	61 100/4	S-5	25-27	100/4	7			wet	BG	
27						Bedrock at 26.4 feet Lockport Dolomite				
28										
29										
30										
31										
32										
33										
34										
35										
36										

No. 3 QROK Sand pack
(14.4 - 26.7 feet)

2 inch I.D. No. 10 slot
PVC screen (16.7 - 26.7 feet)

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL

APPENDIX C
SEELER ASSOCIATES SOIL SAMPLE DATA

General Testing Corporation

A Full Service Environmental Laboratory

January 12, 1994

Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade
16 East Main Street
Rochester, NY 14614

Re: Speedy's Cleaners

Dear Mr. von Schondorf:

Enclosed is an analytical data report for the above referenced facility. A total of ten (10) soil samples were analyzed for TCL Volatile Organics by Method 91-1 from NYSASP 1991.

Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data summary package and the sample data package. All data presented in these packages has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (716) 454-3760.

Thank you for your continued use of our services.

Sincerely,

Janice M. Jaeger

Janice M. Jaeger
Customer Service Representative

enc.

General Testing Corporation

Job #: R93/04794

SAMPLE DATA SUMMARY PACKAGE

SECTION A: NYSDEC Data Package Summary Forms

SECTION B: SDG Narrative

SECTION C: Sample Data

SECTION D: Surrogate Summary

SECTION E: MS/MSD Data

SECTION F: Blank Data

ORGANICS QUALIFIERS - 1991

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result isless than the sample quantitation limit but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tenatively identified compound, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC.MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

General Testing Corporation

Job #: R93/04794

SECTION A

NYSDEC Data Package Summary Forms

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
B21014	R93/04794-1	X					
B22425	R93/04794-2	X					
B51012	R93/04794-3	X					
B51617	R93/04794-4	X					
B42123	R93/04794-5	X					
B179	R93/04794-6	X					
B12123	R93/04794-7	X					
B41113	R93/04794-8	X					
B91012	R93/04794-9	X					
B92021	R93/04794-10	X					

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	LOW LEVEL MED LEVEL	DATE ANALYZED
R93/4794-1	SOIL	12/06/93	12/07/93	LOW	12/13/93
R93/4794-2	SOIL	12/06/93	12/07/93	LOW	12/14/93
R93/4794-3	SOIL	12/07/93	12/07/93	LOW	12/14/93
R93/4794-4	SOIL	12/07/93	12/07/93	LOW	12/14/93
R93/4794-5	SOIL	12/08/93	12/09/93	LOW	12/14/93
R93/4794-6	SOIL	12/08/93	12/09/93	MED	12/14/93
R93/4794-7	SOIL	12/08/93	12/09/93	LOW	12/14/93
R93/4794-8	SOIL	12/08/93	12/09/93	MED	12/14/93
R93/4794-9	SOIL	12/09/93	12/09/93	MED	12/14/93
R93/4794-10	SOIL	12/09/93	12/09/93	LOW	12/14/93

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/4794-1	SOIL	91-1			1.0
R93/4794-2	SOIL	91-1			1.0
R93/4794-3	SOIL	91-1			1.0
R93/4794-4	SOIL	91-1			1.0
R93/4794-5	SOIL	91-1			1.0
R93/4794-6	SOIL	91-1			1.0
R93/4794-7	SOIL	91-1			1.0
R93/4794-8	SOIL	91-1			1.0
R93/4794-9	SOIL	91-1			1.0
R93/4794-10	SOIL	91-1			1.0

General Testing Corporation

Job #: R93/04794

SECTION B

SDG NARRATIVE

CASE NARRATIVE

COMPANY: Seeler Associates
Speedy's Cleaners
JOB #: R93/04794
SDG #: B2101

VOLATILE ORGANICS

Seeler soil samples were analyzed for TCL volatile organics by method 91-1 from the NYSASP 1991.

EPA Sample ID	GTC Sample ID
B12123	R93/04794-7
B179	-6
B21014	-1
B22425	-2
B41113	-8
B42123	-5
B51012	-3
B51617	-4
B91012	-9
B92021	-10
VBLK1	METHOD BLANK
VBLK2	METHOD BLANK
VBLK3	METHOD BLANK
VBLK4	METHOD BLANK
VBLK1MS	BLANK SPIKE
VBLK2MS	BLANK SPIKE
VBLK3MS	BLANK SPIKE
VBLK4MS	BLANK SPIKE
B51012MS	R93/04794-3MS
B51012MSD	-3MSD
B179MS	-6MS
B179MSD	-6MSD

All Tuning criteria for BFB were within limits.

All Initial Calibration criteria were compliant.

All Continuing Calibration Check (CCC) criteria were compliant.

All internal standard areas were within QC limits.

Seeler R93/04794

All samples were screened prior to analysis by GC/FID. Samples B21014 (R93/04794-1),B179 (R93/04794-6), B4113 (R93/04794-8) and B91012 (R93/04794-10) were subsequently analyzed as medium level dilutions. Due to extremely high levels of non-target organics present in the samples, further dilutions were needed prior to analysis in order to avoid saturation of the detector and/or interference in quantitation and qualitation.

All surrogate recoveries were within QC limits except for SMC1 (Toluene-d8) in samples B179 (R93/04794-6), B179MS and B179MSD.

All matrix spiking compounds were within QC limits for recovery in the MS/MSD of samples B179 (R93/04794-6) and B51012 (R93/04794-3) and the blank spikes. All %RPD's were within limits in both MS/MSD's.

No other analytical or QC problems were encountered during the analysis of this SDG.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael K. Perry
Laboratory Director

1/12/94

Date

General Testing Corporation

Job #: R93/04794

SECTION C

SAMPLE DATA

General Testing Corporation

A Full Service Environmental Laboratory

January 12, 1994

Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade
16 East Main Street
Rochester, NY 14614

Re: Speedy's Cleaners

Dear Mr. von Schondorf:

Enclosed is an analytical data report for the above referenced facility. A total of five (5) soil samples were analyzed for TCL Volatile Organics by Method 91-1 from NYSASP 1991.

Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data summary package and the sample data package. All data presented in these packages has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (716) 454-3760.

Thank you for your continued use of our services.

Sincerely,

Janice M Jaeger

Janice M. Jaeger
Customer Service Representative

enc.

General Testing Corporation

Job #: R93/04870

SAMPLE DATA SUMMARY PACKAGE

SECTION A: NYSDEC Data Package Summary Forms

SECTION B: SDG Narrative

SECTION C: Sample Data

SECTION D: Surrogate Summary

SECTION E: MS/MSD Data

SECTION F: Blank Data

INORGANICS QUALIFIERS - 1991

- C (Concentration) qualifier -- Enter "B" if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" must be entered.

- Q qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of intereference.

  M - Duplicate injection precision not met.

  N - Spiked sample recovery not within control limits.

  S - The reported value was determined by the Method of Standard Additions (MSA).

  W - Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

  * - Duplicate analysis not within control limits.

  + - Correlation coefficient for the MSA is less than 0.995.

- M (Method) qualifier -- Enter:

  - "P" for ICP
  - "A" for Flame AA
  - "F" for Furnace AA
  - "PM" for ICP when Microwave Digestion is used
  - "AM" for Flame AA when Microwave Digestion is used
  - "FM" for Furnace M when Microwave Digestion is used
  - "CV" for Manual Cold Vapor AA
  - "AV" for Automated Cold Vapor AA
  - "CA" for Midi-Distillation Spectrophotometric
  - "AS" for Semi-Automated Spectrophotometric
  - "C" for Manual Spectrophotometric
  - "T" for Titrimetric
  - " " where no data has been entered
  - "NR" if the analyte is not required to be analyzed.

ORGANICS QUALIFIERS - 1991

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result isless than the sample quantitation limit but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tenatively identified compound, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "p".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC.MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

General Testing Corporation

Job #: R93/04870

SECTION A

NYSDEC Data Package Summary Forms

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
B734	R93/4870-1	X					
4512B6	R93/4870-2	X					
B32411	R93/4870-3	X					
X1	R93/4870-4	X					
VAULT	R93/4870-5	X					

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/4870-1	SOIL	91-1			1.0
R93/4870-2	SOIL	91-1			10.0
R93/4870-3	SOIL	91-1			2.0
R93/4870-4	SOIL	91-1			1.0
R93/4870-5	SOIL	91-1			4.0

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	LOW LEVEL MED LEVEL	DATE ANALYZED
R93/4870-1	SOIL	12/13/93	12/14/93	MED	12/21/93
R93/4870-2	SOIL	12/13/93	12/14/93	MED	12/21/93
R93/4870-3	SOIL	12/15/93	12/16/93	MED	12/22/93
R93/4870-4	SOIL	12/16/93	12/17/93	MED	12/22/93
R93/4870-5	SOIL	12/16/93	12/17/93	MED	12/23/93

NCF3

9/89

General Testing Corporation

Job #: R93/04870

SECTION B

SDG NARRATIVE

CASE NARRATIVE

COMPANY: Seeler Associates
Speedy's Cleaners
JOB #: R93/04870
SDG #: B734

VOLATILE ORGANICS

Seeler soil samples were analyzed for TCL volatile organics by method 91-1 from the NYSASP 1991.

EPA Sample ID	GTC Sample ID
B32411	R93/04870-3
B734	-1
VAULT	-5
X1	-4
4512B6	-2
VBLK1	METHOD BLANK
VBLK2	METHOD BLANK
VBLK1MS	BLANK SPIKE
B734MS	R93/04870-1MS
B734MSD	-1MSD

All Tuning criteria for BFB were within limits.

All Initial Calibration criteria were compliant.

All Continuing Calibration Check (CCC) criteria were compliant.

All internal standard areas were within QC limits.

All samples were screened prior to analysis by GC/FID and subsequently all were analyzed as medium level dilutions. Due to extremely high levels of non-target volatile organics present in these samples, further dilutions were performed to prevent saturation of the mass selective detector and to prevent interference in qualitation and quantitation determinations.

All surrogate recoveries were diluted out of samples 4512B6, (R93/04870-2) B32411 (R93/04870-3) and VAULT (R93/04870-5) and have been flagged with a "D". All other surrogate recoveries were within QC limits.

All matrix spiking compounds were within QC limits for recovery in the MS/MSD of sample B734 (R93/04870-1) and the blank spike. All %RPD's were within limits in the MS/MSD of B734.

No other analytical or QC problems were encountered during the analysis of this SDG.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael K. Perry
Laboratory Director

1/12/94

Date

General Testing Corporation

Job #: R93/04870

SECTION C

SAMPLE DATA

B179

Lab Name:GENERAL TESTING Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-6

Sample wt/vol: 4.00 (g/ml) G Lab File ID: E7130

Level: (low/med) MED Date Received:12/09/93

% Moisture: not dec. 12 Date Analyzed:12/14/93

GC Column:DB-05 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 20.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	7100.	U
74-83-9	Bromomethane	7100.	U
75-01-4	Vinyl chloride	7100.	U
75-00-3	Chloroethane	7100.	U
75-09-2	Methylene chloride	7100.	U
67-64-1	Acetone	7100.	U
75-15-0	Carbon Disulfide	7100.	U
75-35-4	1,1-Dichloroethene	7100.	U
75-34-3	1,1-Dichloroethane	7100.	U
156-60-5	trans-1,2-Dichloroethene	7100.	U
67-66-3	Chloroform	7100.	U
107-06-2	1,2-Dichloroethane	7100.	U
78-93-3	2-Butanone	7100.	U
156-59-2	cis-1,2-Dichloroethene	7100.	U
71-55-6	1,1,1-Trichloroethane	7100.	U
56-23-5	Carbon tetrachloride	7100.	U
75-27-4	Bromodichloromethane	7100.	U
78-87-5	1,2-Dichloropropane	7100.	U
10061-01-5	cis-1,3-Dichloropropene	7100.	U
79-01-6	Trichloroethene	7100.	U
124-48-1	Dibromochloromethane	7100.	U
79-00-5	1,1,2-Trichloroethane	7100.	U
71-43-2	Benzene	7100.	U
50061-02-6	trans-1,3-Dichloropropene	7100.	U
75-25-2	Bromoform	7100.	U
108-10-1	4-Methyl-2-Pentanone	7100.	U
591-78-6	2-Hexanone	7100.	U
127-18-4	Tetrachloroethene	7100.	U
79-34-5	1,1,2,2-Tetrachloroethane	7100.	U
108-88-3	Toluene	7100.	U
108-90-7	Chlorobenzene	7100.	U
100-41-4	Ethylbenzene	7100.	U
100-42-5	Styrene	7100.	U
108-38-3	(m+p)Xylene	7100.	U
95-47-6	o-Xylene	7100.	U

B12123

Lab Name:GENERAL TESTING Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-7

Sample wt/vol: 5.00 (g/ml) G Lab File ID: G6945

Level: (low/med) LOW Date Received:12/09/93

% Moisture: not dec. 7 Date Analyzed:12/14/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (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	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
67-66-3	Chloroform	11.	U
107-06-2	1,2-Dichloroethane	11.	U
78-93-3	2-Butanone	11.	U
156-59-2	cis-1,2-Dichloroethene	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
50061-02-6	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.	U
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
108-38-3	(m+p)Xylene	11.	U
95-47-6	o-Xylene	11.	U

B21014

Lab Name:GENERAL TESTING Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-1

Sample wt/vol: 4.00 (g/ml) G Lab File ID: E7115

Level: (low/med) MED Date Received:12/07/93

% Moisture: not dec. 8 Date Analyzed:12/13/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 10.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14000.	U
74-83-9	Bromomethane	14000.	U
75-01-4	Vinyl chloride	14000.	U
75-00-3	Chloroethane	14000.	U
75-09-2	Methylene chloride	14000.	U
67-64-1	Acetone	14000.	U
75-15-0	Carbon Disulfide	14000.	U
75-35-4	1,1-Dichloroethene	14000.	U
75-34-3	1,1-Dichloroethane	14000.	U
156-60-5	trans-1,2-Dichloroethene	14000.	U
67-66-3	Chloroform	14000.	U
107-06-2	1,2-Dichloroethane	14000.	U
78-93-3	2-Butanone	14000.	U
156-59-2	cis-1,2-Dichloroethene	14000.	U
71-55-6	1,1,1-Trichloroethane	14000.	U
56-23-5	Carbon tetrachloride	14000.	U
75-27-4	Bromodichloromethane	14000.	U
78-87-5	1,2-Dichloropropane	14000.	U
10061-01-5	cis-1,3-Dichloropropene	14000.	U
79-01-6	Trichloroethene	14000.	U
124-48-1	Dibromochloromethane	14000.	U
79-00-5	1,1,2-Trichloroethane	14000.	U
71-43-2	Benzene	14000.	U
50061-02-6	trans-1,3-Dichloropropene	14000.	U
75-25-2	Bromoform	14000.	U
108-10-1	4-Methyl-2-Pentanone	14000.	U
591-78-6	2-Hexanone	14000.	U
127-18-4	Tetrachloroethene	14000.	U
79-34-5	1,1,2,2-Tetrachloroethane	14000.	U
108-88-3	Toluene	14000.	U
108-90-7	Chlorobenzene	14000.	U
100-41-4	Ethylbenzene	14000.	U
100-42-5	Styrene	14000.	U
108-38-3	(m+p)Xylene	2900.	J
95-47-6	o-Xylene	2500.	J

B22425

Lab Name:GENERAL TESTING Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-2

Sample wt/vol: 1.00 (g/ml) G Lab File ID: G6947

Level: (low/med) LOW Date Received:12/07/93

% Moisture: not dec. 7 Date Analyzed:12/14/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	54.	U
74-83-9	Bromomethane	54.	U
75-01-4	Vinyl chloride	54.	U
75-00-3	Chloroethane	54.	U
75-09-2	Methylene chloride	54.	U
67-64-1	Acetone	54.	U
75-15-0	Carbon Disulfide	54.	U
75-35-4	1,1-Dichloroethene	54.	U
75-34-3	1,1-Dichloroethane	54.	U
156-60-5	trans-1,2-Dichloroethene	54.	U
67-66-3	Chloroform	54.	U
107-06-2	1,2-Dichloroethane	54.	U
78-93-3	2-Butanone	54.	U
156-59-2	cis-1,2-Dichloroethene	54.	U
71-55-6	1,1,1-Trichloroethane	54.	U
56-23-5	Carbon tetrachloride	54.	U
75-27-4	Bromodichloromethane	54.	U
78-87-5	1,2-Dichloropropane	54.	U
10061-01-5	cis-1,3-Dichloropropene	54.	U
79-01-6	Trichloroethene	54.	U
124-48-1	Dibromochloromethane	54.	U
79-00-5	1,1,2-Trichloroethane	54.	U
71-43-2	Benzene	54.	U
50061-02-6	trans-1,3-Dichloropropene	54.	U
75-25-2	Bromoform	54.	U
108-10-1	4-Methyl-2-Pentanone	54.	U
591-78-6	2-Hexanone	54.	U
127-18-4	Tetrachloroethene	54.	U
79-34-5	1,1,2,2-Tetrachloroethane	54.	U
108-88-3	Toluene	54.	U
108-90-7	Chlorobenzene	54.	U
100-41-4	Ethylbenzene	54.	U
100-42-5	Styrene	54.	U
108-38-3	(m+p)Xylene	20.	J
95-47-6	o-Xylene	17.	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B32411

Lab Name:GENERAL TESTING CORP Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B734

Matrix: (soil/water) SOIL Lab Sample ID:4870-3

Sample wt/vol: 4.00 (g/ml) G Lab File ID: G7119

Level: (low/med) MED Date Received:12/16/93

% Moisture: not dec. 13 Date Analyzed:12/22/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 10.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	29000.	U
74-83-9	Bromomethane	29000.	U
75-01-4	Vinyl chloride	29000.	U
75-00-3	Chloroethane	29000.	U
75-09-2	Methylene chloride	29000.	U
67-64-1	Acetone	29000.	U
75-15-0	Carbon Disulfide	29000.	U
75-35-4	1,1-Dichloroethene	29000.	U
75-34-3	1,1-Dichloroethane	29000.	U
156-60-5	trans-1,2-Dichloroethene	29000.	U
67-66-3	Chloroform	29000.	U
107-06-2	1,2-Dichloroethane	29000.	U
78-93-3	2-Butanone	29000.	U
156-59-2	cis-1,2-Dichloroethene	29000.	U
71-55-6	1,1,1-Trichloroethane	29000.	U
56-23-5	Carbon tetrachloride	29000.	U
75-27-4	Bromodichloromethane	29000.	U
78-87-5	1,2-Dichloropropane	29000.	U
10061-01-5	cis-1,3-Dichloropropene	29000.	U
79-01-6	Trichloroethene	29000.	U
124-48-1	Dibromochloromethane	29000.	U
79-00-5	1,1,2-Trichloroethane	29000.	U
71-43-2	Benzene	29000.	U
50061-02-6	trans-1,3-Dichloropropene	29000.	U
75-25-2	Bromoform	29000.	U
108-10-1	4-Methyl-2-Pentanone	29000.	U
591-78-6	2-Hexanone	29000.	U
127-18-4	Tetrachloroethene	29000.	U
79-34-5	1,1,2,2-Tetrachloroethane	29000.	U
108-88-3	Toluene	29000.	U
108-90-7	Chlorobenzene	29000.	U
100-41-4	Ethylbenzene	29000.	U
100-42-5	Styrene	29000.	U
108-38-3	(m+p)Xylene	29000.	U
95-47-6	o-Xylene	29000.	U

B41113

Lab Name:GENERAL TESTING Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-8

Sample wt/vol: 4.00 (g/ml) G Lab File ID: E7117

Level: (low/med) MED Date Received:12/09/93

% Moisture: not dec. 9 Date Analyzed:12/14/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 20.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	6900.	U
74-83-9	Bromomethane	6900.	U
75-01-4	Vinyl chloride	6900.	U
75-00-3	Chloroethane	6900.	U
75-09-2	Methylene chloride	6900.	U
67-64-1	Acetone	6900.	U
75-15-0	Carbon Disulfide	6900.	U
75-35-4	1,1-Dichloroethene	6900.	U
75-34-3	1,1-Dichloroethane	6900.	U
156-60-5	trans-1,2-Dichloroethene	6900.	U
67-66-3	Chloroform	6900.	U
107-06-2	1,2-Dichloroethane	6900.	U
78-93-3	2-Butanone	6900.	U
156-59-2	cis-1,2-Dichloroethene	6900.	U
71-55-6	1,1,1-Trichloroethane	6900.	U
56-23-5	Carbon tetrachloride	6900.	U
75-27-4	Bromodichloromethane	6900.	U
78-87-5	1,2-Dichloropropane	6900.	U
10061-01-5	cis-1,3-Dichloropropene	6900.	U
79-01-6	Trichloroethene	6900.	U
124-48-1	Dibromochloromethane	6900.	U
79-00-5	1,1,2-Trichloroethane	6900.	U
71-43-2	Benzene	6900.	U
50061-02-6	trans-1,3-Dichloropropene	6900.	U
75-25-2	Bromoform	6900.	U
108-10-1	4-Methyl-2-Pentanone	6900.	U
591-78-6	2-Hexanone	6900.	U
127-18-4	Tetrachloroethene	6900.	U
79-34-5	1,1,2,2-Tetrachloroethane	6900.	U
108-88-3	Toluene	6900.	U
108-90-7	Chlorobenzene	6900.	U
100-41-4	Ethylbenzene	6900.	U
100-42-5	Styrene	6900.	U
108-38-3	(m+p)Xylene	6900.	U
95-47-6	o-Xylene	6900.	U

Lab Name:GENERAL TESTING Contract:SEELER B42123

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-5

Sample wt/vol: 5.00 (g/ml) G Lab File ID: G6937

Level: (low/med) LOW Date Received:12/09/93

% Moisture: not dec. 7 Date Analyzed:12/14/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (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	5.	J
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
67-66-3	Chloroform	11.	U
107-06-2	1,2-Dichloroethane	11.	U
78-93-3	2-Butanone	11.	U
156-59-2	cis-1,2-Dichloroethene	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
50061-02-6	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.	U
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
108-38-3	(m+p)Xylene	11.	U
95-47-6	o-Xylene	11.	U

Lab Name:GENERAL TESTING Contract:SEELER B51012

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-3

Sample wt/vol: 5.00 (g/ml) G Lab File ID: G6935

Level: (low/med) LOW Date Received:12/07/93

% Moisture: not dec. 9 Date Analyzed:12/14/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (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	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
67-66-3	Chloroform	11.	U
107-06-2	1,2-Dichloroethane	11.	U
78-93-3	2-Butanone	11.	U
156-59-2	cis-1,2-Dichloroethene	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
50061-02-6	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.	U
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
108-38-3	(m+p)Xylene	11.	U
95-47-6	o-Xylene	11.	U

Lab Name:GENERAL TESTING Contract:SEELER B51617

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-4

Sample wt/vol: 5.00 (g/ml) G Lab File ID: G6936

Level: (low/med) LOW Date Received:12/07/93

% Moisture: not dec. 7 Date Analyzed:12/14/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (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	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
67-66-3	Chloroform	11.	U
107-06-2	1,2-Dichloroethane	11.	U
78-93-3	2-Butanone	11.	U
156-59-2	cis-1,2-Dichloroethene	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
50061-02-6	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.	U
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
108-38-3	(m+p)Xylene	11.	U
95-47-6	o-Xylene	11.	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

4512B6

Lab Name:GENERAL TESTING CORP Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B734

Matrix: (soil/water) SOIL Lab Sample ID:4870-2

Sample wt/vol: 4.00 (g/ml) G Lab File ID: G7118

Level: (low/med) MED Date Received:12/14/93

% Moisture: not dec. 44 Date Analyzed:12/21/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 10.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	220000.	U
74-83-9	Bromomethane	220000.	U
75-01-4	Vinyl chloride	220000.	U
75-00-3	Chloroethane	220000.	U
75-09-2	Methylene chloride	220000.	U
67-64-1	Acetone	220000.	U
75-15-0	Carbon Disulfide	220000.	U
75-35-4	1,1-Dichloroethene	220000.	U
75-34-3	1,1-Dichloroethane	220000.	U
156-60-5	trans-1,2-Dichloroethene	220000.	U
67-66-3	Chloroform	220000.	U
107-06-2	1,2-Dichloroethane	220000.	U
78-93-3	2-Butanone	220000.	U
156-59-2	cis-1,2-Dichloroethene	220000.	U
71-55-6	1,1,1-Trichloroethane	220000.	U
56-23-5	Carbon tetrachloride	220000.	U
75-27-4	Bromodichloromethane	220000.	U
78-87-5	1,2-Dichloropropane	220000.	U
10061-01-5	cis-1,3-Dichloropropene	220000.	U
79-01-6	Trichloroethene	220000.	U
124-48-1	Dibromochloromethane	220000.	U
79-00-5	1,1,2-Trichloroethane	220000.	U
71-43-2	Benzene	220000.	U
50061-02-6	trans-1,3-Dichloropropene	220000.	U
75-25-2	Bromoform	220000.	U
108-10-1	4-Methyl-2-Pentanone	220000.	U
591-78-6	2-Hexanone	220000.	U
127-18-4	Tetrachloroethene	220000.	U
79-34-5	1,1,2,2-Tetrachloroethane	220000.	U
108-88-3	Toluene	220000.	U
108-90-7	Chlorobenzene	220000.	U
100-41-4	Ethylbenzene	57000.	J
100-42-5	Styrene	220000.	U
108-38-3	(m+p)Xylene	260000.	
95-47-6	o-Xylene	190000.	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

B734

Lab Name:GENERAL TESTING CORP Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B734

Matrix: (soil/water) SOIL Lab Sample ID:4870-1

Sample wt/vol: 4.00 (g/ml) G Lab File ID: G7115

Level: (low/med) MED Date Received:12/14/93

% Moisture: not dec. 15 Date Analyzed:12/21/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 50.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	2900.	U
74-83-9	Bromomethane	2900.	U
75-01-4	Vinyl chloride	2900.	U
75-00-3	Chloroethane	2900.	U
75-09-2	Methylene chloride	2900.	U
67-64-1	Acetone	2900.	U
75-15-0	Carbon Disulfide	2900.	U
75-35-4	1,1-Dichloroethene	2900.	U
75-34-3	1,1-Dichloroethane	2900.	U
156-60-5	trans-1,2-Dichloroethene	2900.	U
67-66-3	Chloroform	2900.	U
107-06-2	1,2-Dichloroethane	2900.	U
78-93-3	2-Butanone	2900.	U
156-59-2	cis-1,2-Dichloroethene	370.	J
71-55-6	1,1,1-Trichloroethane	2900.	U
56-23-5	Carbon tetrachloride	2900.	U
75-27-4	Bromodichloromethane	2900.	U
78-87-5	1,2-Dichloropropane	2900.	U
10061-01-5	cis-1,3-Dichloropropene	2900.	U
79-01-6	Trichloroethene	2900.	U
124-48-1	Dibromochloromethane	2900.	U
79-00-5	1,1,2-Trichloroethane	2900.	U
71-43-2	Benzene	2900.	U
50061-02-6	trans-1,3-Dichloropropene	2900.	U
75-25-2	Bromoform	2900.	U
108-10-1	4-Methyl-2-Pentanone	2900.	U
591-78-6	2-Hexanone	2900.	U
127-18-4	Tetrachloroethene	2900.	U
79-34-5	1,1,2,2-Tetrachloroethane	2900.	U
108-88-3	Toluene	700.	J
108-90-7	Chlorobenzene	2900.	U
100-41-4	Ethylbenzene	3600.	
100-42-5	Styrene	2900.	U
108-38-3	(m+p)Xylene	16000.	
95-47-6	o-Xylene	12000.	

Lab Name:GENERAL TESTING Contract:SEELER B91012

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-9

Sample wt/vol: 4.00 (g/ml) G Lab File ID: E7118

Level: (low/med) MED Date Received:12/09/93

% Moisture: not dec. 12 Date Analyzed:12/14/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 10.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14000.	U
74-83-9	Bromomethane	14000.	U
75-01-4	Vinyl chloride	14000.	U
75-00-3	Chloroethane	14000.	U
75-09-2	Methylene chloride	14000.	U
67-64-1	Acetone	14000.	U
75-15-0	Carbon Disulfide	14000.	U
75-35-4	1,1-Dichloroethene	14000.	U
75-34-3	1,1-Dichloroethane	14000.	U
156-60-5	trans-1,2-Dichloroethene	14000.	U
67-66-3	Chloroform	14000.	U
107-06-2	1,2-Dichloroethane	14000.	U
78-93-3	2-Butanone	14000.	U
156-59-2	cis-1,2-Dichloroethene	14000.	U
71-55-6	1,1,1-Trichloroethane	14000.	U
56-23-5	Carbon tetrachloride	14000.	U
75-27-4	Bromodichloromethane	14000.	U
78-87-5	1,2-Dichloropropane	14000.	U
10061-01-5	cis-1,3-Dichloropropene	14000.	U
79-01-6	Trichloroethene	14000.	U
124-48-1	Dibromochloromethane	14000.	U
79-00-5	1,1,2-Trichloroethane	14000.	U
71-43-2	Benzene	14000.	U
50061-02-6	trans-1,3-Dichloropropene	14000.	U
75-25-2	Bromoform	14000.	U
108-10-1	4-Methyl-2-Pentanone	14000.	U
591-78-6	2-Hexanone	14000.	U
127-18-4	Tetrachloroethene	14000.	U
79-34-5	1,1,2,2-Tetrachloroethane	14000.	U
108-88-3	Toluene	14000.	U
108-90-7	Chlorobenzene	14000.	U
100-41-4	Ethylbenzene	14000.	U
100-42-5	Styrene	14000.	U
108-38-3	(m+p)Xylene	14000.	U
95-47-6	o-Xylene	14000.	U

Lab Name:GENERAL TESTING Contract:SEELER B92021

Lab Code:10145 Case No.: SAS No.: SDG No.:B2101

Matrix: (soil/water) SOIL Lab Sample ID:4794-10

Sample wt/vol: 5.00 (g/ml) G Lab File ID: G6946

Level: (low/med) LOW Date Received:12/09/93

% Moisture: not dec. 10 Date Analyzed:12/14/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (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	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
67-66-3	Chloroform	11.	U
107-06-2	1,2-Dichloroethane	11.	U
78-93-3	2-Butanone	11.	U
156-59-2	cis-1,2-Dichloroethene	4.	J
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
50061-02-6	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.	U
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
108-38-3	(m+p)Xylene	11.	U
95-47-6	o-Xylene	11.	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VAULT

Lab Name:GENERAL TESTING CORP Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B734

Matrix: (soil/water) SOIL Lab Sample ID:4870-5

Sample wt/vol: 4.00 (g/ml) G Lab File ID: E7295

Level: (low/med) MED Date Received:12/17/93

% Moisture: not dec. 3 Date Analyzed:12/23/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 4.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 10.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	52000.	U
74-83-9	Bromomethane	52000.	U
75-01-4	Vinyl chloride	52000.	U
75-00-3	Chloroethane	52000.	U
75-09-2	Methylene chloride	8000.	J
67-64-1	Acetone	27000.	J
75-15-0	Carbon Disulfide	52000.	U
75-35-4	1,1-Dichloroethene	52000.	U
75-34-3	1,1-Dichloroethane	52000.	U
156-60-5	trans-1,2-Dichloroethene	52000.	U
67-66-3	Chloroform	52000.	U
107-06-2	1,2-Dichloroethane	52000.	U
78-93-3	2-Butanone	52000.	U
156-59-2	cis-1,2-Dichloroethene	52000.	U
71-55-6	1,1,1-Trichloroethane	52000.	U
56-23-5	Carbon tetrachloride	52000.	U
75-27-4	Bromodichloromethane	52000.	U
78-87-5	1,2-Dichloropropane	52000.	U
10061-01-5	cis-1,3-Dichloropropene	52000.	U
79-01-6	Trichloroethene	52000.	U
124-48-1	Dibromochloromethane	52000.	U
79-00-5	1,1,2-Trichloroethane	52000.	U
71-43-2	Benzene	52000.	U
50061-02-6	trans-1,3-Dichloropropene	52000.	U
75-25-2	Bromoform	52000.	U
108-10-1	4-Methyl-2-Pentanone	52000.	U
591-78-6	2-Hexanone	52000.	U
127-18-4	Tetrachloroethene	52000.	U
79-34-5	1,1,2,2-Tetrachloroethane	52000.	U
108-88-3	Toluene	52000.	U
108-90-7	Chlorobenzene	52000.	U
100-41-4	Ethylbenzene	52000.	U
100-42-5	Styrene	52000.	U
108-38-3	(m+p)Xylene	52000.	U
95-47-6	o-Xylene	52000.	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.: X1

Lab Name:GENERAL TESTING CORP Contract:SEELER

Lab Code:10145 Case No.: SAS No.: SDG No.:B734

Matrix: (soil/water) SOIL Lab Sample ID:4870-4

Sample wt/vol: 4.00 (g/ml) G Lab File ID: G7120

Level: (low/med) MED Date Received:12/17/93

% Moisture: not dec. 11 Date Analyzed:12/22/93

GC Column:RTX-502 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 10.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14000.	U
74-83-9	Bromomethane	14000.	U
75-01-4	Vinyl chloride	14000.	U
75-00-3	Chloroethane	14000.	U
75-09-2	Methylene chloride	14000.	U
67-64-1	Acetone	14000.	U
75-15-0	Carbon Disulfide	14000.	U
75-35-4	1,1-Dichloroethene	14000.	U
75-34-3	1,1-Dichloroethane	14000.	U
156-60-5	trans-1,2-Dichloroethene	14000.	U
67-66-3	Chloroform	14000.	U
107-06-2	1,2-Dichloroethane	14000.	U
78-93-3	2-Butanone	14000.	U
156-59-2	cis-1,2-Dichloroethene	14000.	U
71-55-6	1,1,1-Trichloroethane	14000.	U
56-23-5	Carbon tetrachloride	14000.	U
75-27-4	Bromodichloromethane	14000.	U
78-87-5	1,2-Dichloropropane	14000.	U
10061-01-5	cis-1,3-Dichloropropene	14000.	U
79-01-6	Trichloroethene	14000.	U
124-48-1	Dibromochloromethane	14000.	U
79-00-5	1,1,2-Trichloroethane	14000.	U
71-43-2	Benzene	14000.	U
50061-02-6	trans-1,3-Dichloropropene	14000.	U
75-25-2	Bromoform	14000.	U
108-10-1	4-Methyl-2-Pentanone	14000.	U
591-78-6	2-Hexanone	14000.	U
127-18-4	Tetrachloroethene	14000.	U
79-34-5	1,1,2,2-Tetrachloroethane	14000.	U
108-88-3	Toluene	14000.	U
108-90-7	Chlorobenzene	14000.	U
100-41-4	Ethylbenzene	14000.	U
100-42-5	Styrene	14000.	U
108-38-3	(m+p)Xylene	14000.	U
95-47-6	o-Xylene	14000.	U

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. _____

Client Project No. _____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS — SEALER ASSOC.

Address X 660 REYNOLDS ARCADE, 16 E. MAIN ROCHESTER
Street City State Zip

Collector X PETER VON SCHINDORF
Print Signature

Bottles Prepared by G.T. Rec'd by _____

Bottles Shipped to Client via HAND CARRY Seal/Shipping # _____

Samples Shipped via X HAND CARRY Seal/Shipping # _____

Sample(s) Relinquished by:		Received by:		Date//Time
1. Sign X	Peter von Schindorf	1. Sign	Upon Hastings	12/14/93
for X		for	GTC	11:45
2. Sign		2. Sign		/ /
for		for		:
3. Sign		3. Sign		/ /
for		for		:

Sample(s) Received in Laboratory by _____ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1		B7 3-4'		TCL 91-1	X				2, 3
		12/13/93 : 2:00		DWPS					EXTRA VOL. FOR MS-MSD
2		B6 4.5-12"		TCL-91-1	X				1
		12/13/93 5:00							
3									
		/ / :							
4									
		/ / :							
5									
		/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 Pint Glass	2 Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	2	2	1								

Additional Analytes _____

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. _____

Client Project No. _____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS SEBLER ASSOC.

Address X 660 REYNOLDS ARCADE, 16 E. MAIN ST., ROCH.

Street City State Zip

Collector X PETER VON SCHLONDORF

Print Signature

Bottles Prepared by GTC-YG Rec'd by Client

Bottles Shipped to Client via Client Seal/Shipping # 12/2/93 Gordon

Samples Shipped via X HAND CARRY Seal/Shipping # _____

Sample(s) Relinquished by:	Received by:	Date/Time
1. Sign X Peter von Schlondorf	1. Sign Tom Hasting	12/4/93
for X	for GTC	11:45
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by _____ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1		B6 4.5-12'		TCLP 91-1	X				2
	-001	12/3/93 :5.00							
2		/ / :							
	-002								
3		/ / :							
	-003								
4		/ / :							
	-004								
5		/ / :							
	-005								

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each		1									

Additional Analytes _____

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street · 85 Trinity Place · 435 Lawrence Bell Drive · GTC Job. No.____
Rochester, NY 14608 · Hackensack, NJ 07601 · Amherst, NY 14221-7077 · Client Project No.____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS - SEGLER ASSOC.

Address X COURT ST. ROCH NY
Street City State Zip

Collector X PETER VON SCHONDORF — Peter von Schondorf
Print Signature

Bottles Prepared by GTC - VG — Rec'd by Client

Bottles Shipped to Client via Client — Seal/Shipping # 12/3/93 Gardner

Samples Shipped via X Hand carry — Seal/Shipping #

Sample(s) Relinquished by:	Received by:	Date//Time
1. Sign X Peter von Schondorf	1. Sign [signature]	12/7/93
for X	for GTC	14:00
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by ______ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1 QC		/ / :		TCL 91-1 DWPS					10
2		B2 10-14' 12/6/ 2:00		↓					2, 3
3		B2 24-25 12/6/ 4:00		↓					↓
4		B5 10-12 12/7/ 1:00		↓					↓
5		B5 16-17' 12/7/ 1:50		↓	Y				↓

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 oz. Glass	2 oz. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.	4 oz. Glass	
# of each		2	1							4	

Additional Analytes ______

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. ______
Client Project No. ______

Sample Origination & Shipping Information

Collection Site: X Sh[illegible]'s Cleaners S[illegible] Assoc's.
Address: X 600 Reynolds Arcade, 16 E. Main St. Roch, NY.
(Street / City / State / Zip)
Collector: X Peter von Schondorf (Print) — [signature] (Signature)

Bottles Prepared by: GTC-YG
Rec'd by: Client
Bottles Shipped to Client via: Client
Seal/Shipping #: 12/2/93 [illegible]
Samples Shipped via: ^ Hand Carry
Seal/Shipping #: ______

Sample(s) Relinquished by:	Received by:	Date//Time
1. Sign X [signature]	1. Sign [signature]	12/15/93
for X	for GTC	11:20
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by ______ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	N	Filtered Y	N	Bottle Set(s) (see below)
1		B6 Concrete 12/3/ 4:20		TCLP 9+1					2
2		/ / :		↓					↓
3		/ / :		↓					↓
4	Field Blank	/ / :		↓					1
5	Trip Blank	/ / :		↓					↓

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	2	1									

Additional Analytes ______

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No._____
Client Project No._____

Sample Origination & Shipping Information

Collection Site X: SPEEDY'S CLEANERS - SEELER ASSOC. c/o REYNOLDS ALLOYS
Address X COURT ST ROCH. 16 E. MAIN ST. Rott.
Street City State Zip

Collector X PETER VON SCHONDORF
Print Signature

Bottles Prepared by GTC-VG
Bottles Shipped to Client via Client
Samples Shipped via X [illegible]

Rec'd by Client
Seal ~~Shipping~~ # 12/03/93 Gardner
Seal/Shipping #

Sample(s) Relinquished by: [signature]

	Received by:	Date//Time
1. Sign X	1. Sign [signature]	12/7/93
for X	for GTC	14:30
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by _____ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1		B4 21-23'		TCL-91-1	X				2, 3
		12/8/93 :12:00		DWPS					
2		B1 7-9'			X				
		12/8/93 :2:00							
3		B1 21-23			X				
		12/8/93 : 4:00							
4		/ / :							
5		B4 11-13'			X				
		12/8/93 :10:00							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 ~~Pint~~ oz Glass	2 ~~Qt~~ oz Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each		2	1								

Additional Analytes SOME SOIL HEAVILY STAINED MAY REQUIRE DILUTION
B4 11-13', B1 7-9'

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No.______
Client Project No.______

Sample Origination & Shipping Information

Collection Site SPEEDY'S CLEANERS SEELER ASSOC.

Address 440 REYNOLDS ARCADE 16 MAIN ST. ROCH N.Y.
Street City State Zip

Collector PETER VON SCHONDORF Pete von Schondorf
Print Signature

Bottles Prepared by GT
Bottles Shipped to Client via HAND CARRY
Samples Shipped via HAND CARRY

Rec'd by ______
Seal/Shipping # ______
Seal/Shipping # ______

Sample(s) Relinquished by:	Received by:	Date//Time
1. Sign Pete von Schondorf	1. Sign Tom Hastings	12/16/93
for	for GTC	08:22
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by ______ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1		B-3 CONCRETE		TCLP 91-1	X				~~2,3~~ #10
		12/15/ 12:56							
2		B3 2'-4'11"		TCLP 91-1					#10
		12/15/ 2:15							
3		B3 2'-4'11"		91-1	X				2,3
		12/15/ 2:15		DNFS					
4									
		/ / :							
5									
		/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	~~Pint~~ 4 oz Glass	~~Qt.~~ 8 oz Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.	1 PT glass	
# of each		2	1							1	

Additional Analytes ______

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street Rochester, NY 14608	85 Trinity Place Hackensack, NJ 07601	435 Lawrence Bell Drive Amherst, NY 14221-7077	GTC Job. No. ________ Client Project No. ________

Sample Origination & Shipping Information

Collection Site: Speedy's Cleaners — Seeler Assoc.

Address: [illegible] Reynolds Arcade, E. Main St., Rochester, NY
(Street, City, State, Zip)

Collector: Peter von Schondorf (Print) — [signature] (Signature)

Bottles Prepared by: GT — Rec'd by:

Bottles Shipped to Client via: Hand Del. — Seal/Shipping #:

Samples Shipped via: Hand Del. — Seal/Shipping #:

Sample(s) Relinquished by: [signature]

Sample(s) Relinquished by:		Received by:		Date//Time
1. Sign		1. Sign	Tom Hastings	12/17/93
for		for	GTC	08:25
2. Sign		2. Sign		/ /
for		for		:
3. Sign		3. Sign		/ /
for		for		:

Sample(s) Received in Laboratory by ________ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)	
1		X-1		91-1 TCL	x					
		12/16 12:2[illegible]								
2		VAULT		91-1 TCL	x					
		12/16 18:00								
3										
		/ / :								
4										
		/ / :								
5										
		/ / :								

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each											

Additional Analytes ________

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street
Rochester, NY 14608

85 Trinity Place
Hackensack, NJ 07601

435 Lawrence Bell Drive
Amherst, NY 14221-7077

GTC Job. No. ______
Client Project No. ______

Sample Origination & Shipping Information

Collection Site X Speedy's Cleaner's — Seeler Assoc.
Address X 400 Reynolds Arcade, 16 East. Main, Roch, NY
Street City State Zip
Collector X Peter von Schondorf
Print Signature

Bottles Prepared by GTC-VG
Bottles Shipped to Client via Client
Samples Shipped via X Hand

Rec'd by Client
Seal/~~Shipping~~ # 12/03/93 Gardner
Seal/Shipping #

Sample(s) Relinquished by:	Received by:	Date//Time
1. Sign X [signature]	1. Sign [signature]	12/9/93
for X	for GTC	14:30
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by ______ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1		B9 10-12' 12/9/ 10:00		TCL-91-1 OWPS	X				2, 3
2		B9 20-21' 12/9/ 11:00		↓	X				↓
3		/ / :							
4		/ / :							
5		/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 ~~Pint~~ oz. Glass	2 ~~Qt.~~ oz. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each		2	1								

Additional Analytes Some soil heavily stained may req dilution
B9 10-12'

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

APPENDIX D
MONROE MONITORING & ANALYSIS SOIL SAMPLE DATA

Project No. 938-14
Author: William Sandvik

APPENDIX B

ANALYTICAL DATA

Laboratory Resources, Inc.
New Jersey Division

100 Hollister Road
Telephone: 201-288-3700 Fax: 201-288-5311

ANALYTICAL DATA REPORT

Report Number: T308118
Project: Speedy Cleaners

prepared for:

Monroe Monitoring & Analysis,
1425 Mt Reid Blvd

Rochester, NY 14606

Attention: Mr William Sandvik

Receive Date: 08/06/93
Report Date: 08/31/93

Mohammad R. Amirsoleymani
Quality Assurance Manager

Paul Ioannides
General Manager

NJDEPE Certification No. 02046
PADER Certification No. 68-420
NYDOH/ASP Certification No. 11321

ORGANIC NON-CONFORMANCE SUMMARY

GC/MS VOLATILES

1. The quantitation limits are elevated due to matrix interference for samples (T308118-02 and 06).

2. The quantitation limits are elevated due to the dilution required for sample (T308118-01).

ORGANIC FLAGS USED IN RESULT SHEET

B = Found in Method blank and sample
J = Under Method Detection limit
E = Exceeds Calibration Range
D = Dilution performed
U = Analyzed for but not detected

CHAIN OF CUSTODY RECORD

Monroe Monitoring & Analysis, Inc.

PROJECT NAME: SPEEDY CLEANERS

JOB CODE: 938-14

SAMPLER'S SIGNATURE: [signature]

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO3	H2SO4	HCL	NAOH	VIAL (PRES.)	VIAL (UNPRES.)	TOTAL	PARAMETERS/REMARKS
8/5/93	14:00	BS-2B	X		SOIL	X							1	EPA 8240 - LIBRARY SCAN
	14:05	BS-2B	X		SOIL								1	EPA TCLP - VOLATILES + METALS
	14:10	BS-2B	X		SOIL								1	IGNITABILITY
	14:12	BW-2B	X		WATER							2	2	EPA 8240 - LIBRARY SCAN
	14:14	BS-3	X		SOIL								1	EPA 8240 - LIBRARY SCAN
	14:18	BS-3	X		SOIL								1	DUPLICATE (IF NEEDED)
	14:20	BS-3	X		SOIL								1	IGNITABILITY
	14:25	BS-4	X		SOIL								1	EPA 8240 - LIBRARY SCAN
	14:27	BS-4	X		SOIL								1	DUPLICATE (IF NEEDED)
	14:36	BS-4	X		SOIL								1	IGNITABILITY
	15:00	DC-1	X		SOIL								1	EPA 8240 - LIBRARY SCAN
	15:05	DC-1	X		SOIL								1	EPA TCLP - VOLATILES ONLY
	15:30	DC-2	X		SOIL								1	EPA 8240 - LIBRARY SCAN
	15:33	DC-2	X		SOIL								1	DUPLICATE (IF NEEDED)
	16:32	BR-1	X		SOIL								1	EPA 8240 - LIBRARY SCAN
												TOTAL NUMBER OF CONTAINERS	16	

	DATE	TIME	
1. RELINQUISHED BY: [signature]	8/5/93	17:45	RECEIVED BY: [signature]
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

1425 Mt. Read Blvd. • Rochester, NY 14606 • (716) 458-8920 • Fax (716) 458-2168

Monroe Monitoring & Analysis, Inc.

CHAIN OF CUSTODY RECORD

PROJECT NAME: Speedy Cleaners

SAMPLER'S SIGNATURE: [signature]

JOB CODE: 938-14

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO3	H2SO4	HCL	NAOH	VIAL (PRES.)	VIAL (UNPRES.)	TOTAL	PARAMETERS/REMARKS
8-5-93	1634	BR-1	X		Soil	X							1	Hold for instructions

TOTAL NUMBER OF CONTAINERS 1

	DATE	TIME	
1. RELINQUISHED BY: [signature]	8-5-93	1745	RECEIVED BY: [signature]
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

[illegible] Mt. E[illegible] Blvd[illegible] loch[illegible], NY[illegible]06 [illegible]) 45[illegible]20 [illegible] (716[illegible]8-21[illegible]

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: BR-1

Lab Sample ID: T308118-7

Lab File ID: >F6493

Matrix: [soil/water] SOIL

Sample wt/vol: 5.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] LOW

Date Received: 08/06/93

% Moisture: 20.0

Date Analyzed : 08/12/93

GC Column: PACK ID: 2.0 (mm)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: 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	3	J
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
110-75-8	2-Chloroethyl vinyl ether	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
591-78-6	2-Hexanone	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: BR-1

Lab Sample ID: T308118-7

Matrix: [soil/water] SOIL

Lab File ID: >F6493

Sample wt/vol: 5.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] LOW

Date Received: 08/06/93

% Moisture: 20.0

Date Analyzed : 08/12/93

GC Column: PACK ID: 2.0 (mm)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
108-38-3	meta-Xylene	6	U
95-47-6	ortho- + para-Xylenes	6	U

DF: 1.25

Total Hit(s): 1

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: BS-2B

Lab Sample ID: T308118-01

Matrix: [soil/water] SOIL

Lab File ID: >H1595

Sample wt/vol: 4.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] MED

Date Received: 08/06/93

% Moisture: 18.0

Date Analyzed : 08/19/93

GC Column: CAPI ID: 0.5 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 10.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
74-87-3	Chloromethane	15000	U
74-83-9	Bromomethane	15000	U
75-01-4	Vinyl Chloride	15000	U
75-00-3	Chloroethane	15000	U
75-09-2	Methylene Chloride	9700	
67-64-1	Acetone	15000	U
75-15-0	Carbon Disulfide	7600	U
75-35-4	1,1-Dichloroethene	7600	U
75-34-3	1,1-Dichloroethane	7600	U
156-60-5	Trans-1,2-Dichloroethene	7600	U
67-66-3	Chloroform	7600	U
107-06-2	1,2-Dichloroethane	7600	U
78-93-3	2-Butanone	15000	U
71-55-6	1,1,1-Trichloroethane	7600	U
56-23-5	Carbon Tetrachloride	7600	U
108-05-4	Vinyl Acetate	15000	U
75-27-4	Bromodichloromethane	7600	U
78-87-5	1,2-Dichloropropane	7600	U
10061-01-5	Cis-1,3-Dichloropropene	7600	U
79-01-6	Trichloroethene	7600	U
124-48-1	Chlorodibromomethane	7600	U
110-75-8	2-Chloroethyl vinyl ether	7600	U
79-00-5	1,1,2-Trichloroethane	7600	U
71-43-2	Benzene	7600	U
10061-02-6	Trans-1,3-Dichloropropene	7600	U
75-25-2	Bromoform	7600	U
591-78-6	2-Hexanone	15000	U
108-10-1	4-Methyl-2-Pentanone	15000	U
127-18-4	Tetrachloroethene	7600	U
79-34-5	1,1,2,2-Tetrachloroethane	7600	U
108-88-3	Toluene	3200	J
108-90-7	Chlorobenzene	7600	U
100-41-4	Ethylbenzene	9200	
100-42-5	Styrene	7600	U

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: BS-2B

Lab Sample ID: T308118-01

Matrix: [soil/water] SOIL

Lab File ID: >H1595

Sample wt/vol: 4.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] MED

Date Received: 08/06/93

% Moisture: 18.0

Date Analyzed : 08/19/93

GC Column: CAPI ID: 0.5 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 10.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
108-38-3	meta + para-Xylenes	15000	
95-47-6	ortho-Xylene	28000	

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: BS-3

Lab Sample ID: T308118-03

Matrix: [soil/water] SOIL

Lab File ID: >H1601

Sample wt/vol: 4.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] MED

Date Received: 08/06/93

% Moisture: 13.0

Date Analyzed : 08/19/93

GC Column: CAPI ID: 0.5 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 10.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
74-87-3	Chloromethane	14000	U
74-83-9	Bromomethane	14000	U
75-01-4	Vinyl Chloride	14000	U
75-00-3	Chloroethane	14000	U
75-09-2	Methylene Chloride	7800	
67-64-1	Acetone	14000	U
75-15-0	Carbon Disulfide	7200	U
75-35-4	1,1-Dichloroethene	7200	U
75-34-3	1,1-Dichloroethane	7200	U
156-60-5	Trans-1,2-Dichloroethene	7200	U
67-66-3	Chloroform	7200	U
107-06-2	1,2-Dichloroethane	7200	U
78-93-3	2-Butanone	14000	U
71-55-6	1,1,1-Trichloroethane	7200	U
56-23-5	Carbon Tetrachloride	7200	U
108-05-4	Vinyl Acetate	14000	U
75-27-4	Bromodichloromethane	7200	U
78-87-5	1,2-Dichloropropane	7200	U
10061-01-5	Cis-1,3-Dichloropropene	7200	U
79-01-6	Trichloroethene	7200	U
124-48-1	Chlorodibromomethane	7200	U
110-75-8	2-Chloroethyl vinyl ether	7200	U
79-00-5	1,1,2-Trichloroethane	7200	U
71-43-2	Benzene	7200	U
10061-02-6	Trans-1,3-Dichloropropene	7200	U
75-25-2	Bromoform	7200	U
591-78-6	2-Hexanone	14000	U
108-10-1	4-Methyl-2-Pentanone	14000	U
127-18-4	Tetrachloroethene	7200	U
79-34-5	1,1,2,2-Tetrachloroethane	7200	U
108-88-3	Toluene	7200	U
108-90-7	Chlorobenzene	7200	U
100-41-4	Ethylbenzene	8800	
100-42-5	Styrene	7200	U

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: BS-3

Lab Sample ID: T308118-03

Matrix: [soil/water] SOIL

Lab File ID: >H1601

Sample wt/vol: 4.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] MED

Date Received: 08/06/93

% Moisture: 13.0

Date Analyzed : 08/19/93

GC Column: CAPI ID: 0.5 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 10.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
108-38-3	meta + para-Xylenes	17000	
95-47-6	ortho-Xylene	28000	

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Client Sample ID No.: BS-4

Lab Name: LRI

Lab Sample ID: T308118-4

Matrix: [soil/water] SOIL

Lab File ID: >F6491

Sample wt/vol: 5.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] LOW

Date Received: 08/06/93

% Moisture: 11.0

Date Analyzed : 08/12/93

GC Column: PACK ID: 2.0 (mm)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: 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	3	J
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
110-75-8	2-Chloroethyl vinyl ether	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
591-78-6	2-Hexanone	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: BS-4

Lab Sample ID: T308118-4

Matrix: [soil/water] SOIL

Lab File ID: >F6491

Sample wt/vol: 5.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] LOW

Date Received: 08/06/93

% Moisture: 11.0

Date Analyzed : 08/12/93

GC Column: PACK ID: 2.0 (mm)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
108-38-3	meta-Xylene	6	U
95-47-6	ortho- + para-Xylenes	6	U

DF: 1.12

Total Hit(s): 1

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Client Sample ID No.: DC-1

Lab Name: LRI

Lab Sample ID: T308118-5

Matrix: [soil/water] SOIL

Lab File ID: >F6492

Sample wt/vol: 5.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] LOW

Date Received: 08/06/93

% Moisture: 23.0

Date Analyzed : 08/12/93

GC Column: PACK ID: 2.0 (mm)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: 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	4	J
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
110-75-8	2-Chloroethyl vinyl ether	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
591-78-6	2-Hexanone	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
127-18-4	Tetrachloroethene	23	
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DC-1

Lab Sample ID: T308118-5

Matrix: [soil/water] SOIL

Lab File ID: >F6492

Sample wt/vol: 5.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] LOW

Date Received: 08/06/93

% Moisture: 23.0

Date Analyzed : 08/12/93

GC Column: PACK ID: 2.0 (mm)

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
108-38-3	meta-Xylene	7	U
95-47-6	ortho- + para-Xylenes	7	U

DF: 1.30

Total Hit(s): 2

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DC-2

Lab Sample ID: T308118-06

Matrix: [soil/water] SOIL

Lab File ID: >H1596

Sample wt/vol: 4.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] MED

Date Received: 08/06/93

% Moisture: 14.0

Date Analyzed : 08/19/93

GC Column: CAPI ID: 0.5 (mm)

Dilution Factor: 4.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 25.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
74-87-3	Chloromethane	5800	U
74-83-9	Bromomethane	5800	U
75-01-4	Vinyl Chloride	5800	U
75-00-3	Chloroethane	5800	U
75-09-2	Methylene Chloride	5000	
67-64-1	Acetone	5800	U
75-15-0	Carbon Disulfide	2900	U
75-35-4	1,1-Dichloroethene	2900	U
75-34-3	1,1-Dichloroethane	2900	U
156-60-5	Trans-1,2-Dichloroethene	2900	U
67-66-3	Chloroform	2900	U
107-06-2	1,2-Dichloroethane	2900	U
78-93-3	2-Butanone	5800	U
71-55-6	1,1,1-Trichloroethane	2900	U
56-23-5	Carbon Tetrachloride	2900	U
108-05-4	Vinyl Acetate	5800	U
75-27-4	Bromodichloromethane	2900	U
78-87-5	1,2-Dichloropropane	2900	U
10061-01-5	Cis-1,3-Dichloropropene	2900	U
79-01-6	Trichloroethene	2900	U
124-48-1	Chlorodibromomethane	2900	U
110-75-8	2-Chloroethyl vinyl ether	2900	U
79-00-5	1,1,2-Trichloroethane	2900	U
71-43-2	Benzene	2900	U
10061-02-6	Trans-1,3-Dichloropropene	2900	U
75-25-2	Bromoform	2900	U
591-78-6	2-Hexanone	5800	U
108-10-1	4-Methyl-2-Pentanone	5800	U
127-18-4	Tetrachloroethene	2900	U
79-34-5	1,1,2,2-Tetrachloroethane	2900	U
108-88-3	Toluene	2900	U
108-90-7	Chlorobenzene	2900	U
100-41-4	Ethylbenzene	2900	U
100-42-5	Styrene	2900	U

ORGANICS ANALYSIS DATA SHEET-VOLATILE COMPOUNDS

Lab Name: LRI

Client Sample ID No.: DC-2

Lab Sample ID: T308118-06

Matrix: [soil/water] SOIL

Lab File ID: >H1596

Sample wt/vol: 4.0 [g/mL] G

Run Type: VOA-8240

Level: [low/med] MED

Date Received: 08/06/93

% Moisture: 14.0

Date Analyzed : 08/19/93

GC Column: CAPI ID: 0.5 (mm)

Dilution Factor: 4.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 25.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	Q
108-38-3	meta + para-Xylenes	2900	U
95-47-6	ortho-Xylene	2900	U

APPENDIX E
LABELLA ASSOCIATES SOIL SAMPLE DATA

ALFRED TECHNICAL & ANALYTICAL LABORATORY
SCIENCE & ENGINEERING TECHNOLOGY INTERNATIONAL

NYSDOH# 11299 PHONE#(607)587-8377/9444 FAX#(607)587-9652/9535 PO Box 848
200 N. Main St.
Alfred, NY 14802

REPORT ON 13529

Client Name: LaBella Associates, P.C. Phone: (716)454-6110
Address: 300 State Street RochesterNY 14614

Date SAMPLE RECEIVED: Jun 11, 1993 Date REPORTED: Jul 7, 1993
Sample Information; Name: Speedy
Address: BSMT-1
Collection Point: Basement at Speedy's
Collected By: Dennis Peck ON: Jun 10, 1993 AT: 3:30 pm
Sample Characteristics;
A. PHASE LAYERS [ ] bilayered [ ] multilayered [ ] none
B. PHYSICAL STATE at 70F [ ] solid [ ] liquid [ ] other.....
C. pH RANGE [ ]<2 [ ]2-4 [ ]4-6 [ ]6-8 [ ]8-10 [ ]10-12 [ ]>12
TEST DESIRED: [ ]Metals [ ]Inorganics [ ]Organics
CONFIRMATORY:

CAS#	analyte	method code	method detection limit	result	unit
	TCL VOA	EPA8260		s.a.s.	
	T.Petroleum H.	EPA418.1	5	<5	mg/Kg

Roland D. Hale
Laboratory Director

ALFRED TECHNICAL & ANALYTICAL LABORATORY
SCIENCE & ENGINEERING TECHNOLOGY INTERNATIONAL

NYSDOH# 11299 PHONE#(607)587-8377/9444 FAX#(607)587-9652/9535

PO Box 848
200 N. Main St.
Alfred, NY 14802

REPORT ON 13529

Name: *LaBella Associates, P.C.*
Address: *300 State Street*
Rochester, NY 14614

Date SAMPLE RECEIVED: Jun 11, 1993 Date REPORTED: Jul 7, 1993

Sample Name: *Speedy.....*
Sampling address: *BSMT-1.....*
Sampling POINT: *Basement at Speedy's.....*
Collected By: Dennis Peck ON: Jun 10, 1993 AT: 3:30 pm
Sample Characteristics;
A. PHASE LAYERS [] bilayered [] multilayered [] none.
B. PHYSICAL STATE at 70°F []solid []liquid []other.....
C. pH RANGE []>2 []2-4 []4-6 []6-8 []8-10 []10-12 []<12

TEST DESIRED: Volatile Organics
CONFIRMATORY:

CAS#	analyte	method code	MDL	result	unit
71-43-2	Benzene	EPA8260	10	<10	ug/Kg
108-86-1	Bromobenzene	EPA8260	10	<10	ug/Kg
74-97-5	Bromochloromethane	EPA8260	10	<10	ug/Kg
75-27-4	Bromodichloromethane	EPA8260	10	<10	ug/Kg
75-25-2	Bromoform	EPA8260	10	<10	ug/Kg
74-83-9	Bromomethane	EPA8260	10	<10	ug/Kg
104-51-8	n-Butylbenzene	EPA8260	10	<10	ug/Kg
135-98-8	sec-Butylbenzene	EPA8260	10	<10	ug/Kg
98-06-6	tert-Butylbenzene	EPA8260	10	1822	ug/Kg
56-23-5	Carbon Tetrachloride	EPA8260	10	<10	ug/Kg
108-90-7	Chlorobenzene	EPA8260	10	<10	ug/Kg
75-00-3	Chloroethane	EPA8260	10	<10	ug/Kg
67-66-3	Chloroform	EPA8260	10	<10	ug/Kg
74-87-3	Chloromethane	EPA8260	10	<10	ug/Kg
95-49-8	2-Chlorotoluene	EPA8260	10	<10	ug/Kg
106-43-4	4-Chlorotoluene	EPA8260	10	<10	ug/Kg
124-48-1	Dibromochloromethane	EPA8260	10	<10	ug/Kg
96-12-8	1,2-Dibromo-3-chloro-propane	EPA8260	10	<10	ug/Kg
106-93-4	1,2-Dibromoethane	EPA8260	10	<10	ug/Kg
74-95-3	Dibromomethane	EPA8260	10	<10	ug/Kg
95-50-1	1,2-Dichlorobenzene	EPA8260	10	<10	ug/Kg
541-73-1	1,3-Dichlorobenzene	EPA8260	10	<10	ug/Kg
106-46-7	1,4-Dichlorobenzene	EPA8260	10	<10	ug/Kg

Continued on next page . . .

Roland D. Hale
Laboratory Director

ALFRED TECHNICAL & ANALYTICAL LABORATORY
SCIENCE & ENGINEERING TECHNOLOGY INTERNATIONAL

NYSDOH# 11299 PHONE#(607)587-8377/9444 FAX#(607)587-9652/9535 PO Box 848
200 N. Main St.
Alfred, NY 14802

.....Continuation of Sample #13529

75-71-8	Dichlorodifluoromethane	EPA8260	10	<10	ug/Kg
75-34-3	1,1-Dichloroethane	EPA8260	10	<10	ug/Kg
107-06-2	1,2-Dichloroethane	EPA8260	10	<10	ug/Kg
75-35-4	1,1-Dichloroethylene	EPA8260	10	<10	ug/Kg
156-59-2	cis-1,2-Dichloroethylene	EPA8260	10	<10	ug/Kg
156-60-5	trans-1,2-Dichloroethylene	EPA8260	10	<10	ug/Kg
78-87-5	1,2-Dichloropropane	EPA8260	10	<10	ug/Kg
142-28-9	1,3-Dichloropropane	EPA8260	10	<10	ug/Kg
594-20-7	2,2-Dichloropropane	EPA8260	10	<10	ug/Kg
563-58-6	1,1-Dichloropropene	EPA8260	10	<10	ug/Kg
100-41-4	Ethylbenzene	EPA8260	10	279	ug/Kg
87-68-3	Hexachlorobutadiene	EPA8260	10	<10	ug/Kg
98-82-8	Isopropylbenzene	EPA8260	10	3234	ug/Kg
99-87-6	p-Isopropyltolune	EPA8260	10	<10	ug/Kg
75-09-2	Methylene chloride	EPA8260	10	<10	ug/Kg
91-20-3	Naphthalene	EPA8260	10	25	ug/Kg
103-65-1	n-Propylbenzene	EPA8260	10	<10	ug/Kg
127-18-4	Tetrachloroethylene	EPA8260	10	<10	ug/Kg
100-42-5	Styrene	EPA8260	10	<10	ug/Kg
630-20-6	1,1,1,2-Tetrachloroethane	EPA8260	10	<10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	EPA8260	10	<10	ug/Kg
108-88-3	Toluene	EPA8260	10	<10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	EPA8260	10	<10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	EPA8260	10	<10	ug/Kg
71-55-6	1,1,1-Trichloroethane	EPA8260	10	<10	ug/Kg
79-00-5	1,1,2-Trichloroethane	EPA8260	10	<10	ug/Kg
79-01-6	Trichloroethylene	EPA8260	10	<10	ug/Kg
75-69-4	Trichlorofluoromethane	EPA8260	10	<10	ug/Kg
96-18-4	1,2,3-Trichloropropane	EPA8260	10	<10	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	EPA8260	10	3880	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	EPA8260	10	2117	ug/Kg
75-01-4	Vinyl chloride	EPA8260	10	<10	ug/Kg
	Xylene (total)	EPA8260	10	12466	ug/Kg

Date analyzed: Jun 28, 1993
Remarks: USEPA methods

Roland D. Hale
Laboratory Director

APPENDIX F
SEELER ASSOCIATES LIBRARY SEARCH DATA FOR SOIL SAMPLE ANALYSES

General Testing Corporation

A Full Service Environmental Laboratory

January 12, 1994

Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade
16 East Main Street
Rochester, NY 14614

Re: Speedy's Cleaners

Dear Mr. von Schondorf:

Enclosed is an analytical data report for the above referenced facility. A total of ten (10) soil samples were analyzed for TCL Volatile Organics by Method 91-1 from NYSASP 1991.

Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data summary package and the sample data package. All data presented in these packages has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (716) 454-3760.

Thank you for your continued use of our services.

Sincerely,

Janice M. Jaeger

Janice M. Jaeger
Customer Service Representative

enc.

General Testing Corporation

Job #: R93/04794

SAMPLE DATA SUMMARY PACKAGE

SECTION A: NYSDEC Data Package Summary Forms

SECTION B: SDG Narrative

SECTION C: Sample Data

SECTION D: Surrogate Summary

SECTION E: MS/MSD Data

SECTION F: Blank Data

ORGANICS QUALIFIERS - 1991

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result isless than the sample quantitation limit but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tenatively identified compound, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC.MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

Seeler R93/04794

All samples were screened prior to analysis by GC/FID. Samples B21014 (R93/04794-1),B179 (R93/04794-6), B4113 (R93/04794-8) and B91012 (R93/04794-10) were subsequently analyzed as medium level dilutions. Due to extremely high levels of non-target organics present in the samples, further dilutions were needed prior to analysis in order to avoid saturation of the detector and/or interference in quantitation and qualitation.

All surrogate recoveries were within QC limits except for SMC1 (Toluene-d8) in samples B179 (R93/04794-6), B179MS and B179MSD.

All matrix spiking compounds were within QC limits for recovery in the MS/MSD of samples B179 (R93/04794-6) and B51012 (R93/04794-3) and the blank spikes. All %RPD's were within limits in both MS/MSD's.

No other analytical or QC problems were encountered during the analysis of this SDG.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael K. Perry

Michael K. Perry
Laboratory Director

1/12/94

Date

General Testing Corporation

Job #: R93/04794

SECTION C

SAMPLE DATA

General Testing Corporation

A Full Service Environmental Laboratory

January 12, 1994

Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade
16 East Main Street
Rochester, NY 14614

Re: Speedy's Cleaners

Dear Mr. von Schondorf:

Enclosed is an analytical data report for the above referenced facility. A total of five (5) soil samples were analyzed for TCL Volatile Organics by Method 91-1 from NYSASP 1991.

Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data summary package and the sample data package. All data presented in these packages has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (716) 454-3760.

Thank you for your continued use of our services.

Sincerely,

Janice M Jaeger

Janice M. Jaeger
Customer Service Representative

enc.

General Testing Corporation

Job #: R93/04870

SAMPLE DATA SUMMARY PACKAGE

SECTION A:	NYSDEC Data Package Summary Forms
SECTION B:	SDG Narrative
SECTION C:	Sample Data
SECTION D:	Surrogate Summary
SECTION E:	MS/MSD Data
SECTION F:	Blank Data

INORGANICS QUALIFIERS - 1991

- C (Concentration) qualifier -- Enter "B" if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" must be entered.

- Q qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of intereference.

  M - Duplicate injection precision not met.

  N - Spiked sample recovery not within control limits.

  S - The reported value was determined by the Method of Standard Additions (MSA).

  W - Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

  * - Duplicate analysis not within control limits.

  + - Correlation coefficient for the MSA is less than 0.995.

- M (Method) qualifier -- Enter:

  - "P" for ICP
  - "A" for Flame AA
  - "F" for Furnace AA
  - "PM" for ICP when Microwave Digestion is used
  - "AM" for Flame AA when Microwave Digestion is used
  - "FM" for Furnace M when Microwave Digestion is used
  - "CV" for Manual Cold Vapor AA
  - "AV" for Automated Cold Vapor AA
  - "CA" for Midi-Distillation Spectrophotometric
  - "AS" for Semi-Automated Spectrophotometric
  - "C" for Manual Spectrophotometric
  - "T" for Titrimetric
  - " " where no data has been entered
  - "NR" if the analyte is not required to be analyzed.

ORGANICS QUALIFIERS - 1991

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result isless than the sample quantitation limit but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tenatively identified compound, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC.MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

General Testing Corporation

Job #: R93/04870

SECTION A

NYSDEC Data Package Summary Forms

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
B734	R93/4870-1	X					
4512B6	R93/4870-2	X					
B32411	R93/4870-3	X					
X1	R93/4870-4	X					
VAULT	R93/4870-5	X					

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/4870-1	SOIL	91-1			1.0
R93/4870-2	SOIL	91-1			10.0
R93/4870-3	SOIL	91-1			2.0
R93/4870-4	SOIL	91-1			1.0
R93/4870-5	SOIL	91-1			4.0

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	LOW LEVEL MED LEVEL	DATE ANALYZED
R93/4870-1	SOIL	12/13/93	12/14/93	MED	12/21/93
R93/4870-2	SOIL	12/13/93	12/14/93	MED	12/21/93
R93/4870-3	SOIL	12/15/93	12/16/93	MED	12/22/93
R93/4870-4	SOIL	12/16/93	12/17/93	MED	12/22/93
R93/4870-5	SOIL	12/16/93	12/17/93	MED	12/23/93

NCF3

9/89

General Testing Corporation

Job #: R93/04870

SECTION B

SDG NARRATIVE

CASE NARRATIVE

COMPANY: Seeler Associates
Speedy's Cleaners
JOB #: R93/04870
SDG #: B734

VOLATILE ORGANICS

Seeler soil samples were analyzed for TCL volatile organics by method 91-1 from the NYSASP 1991.

EPA Sample ID	GTC Sample ID
B32411	R93/04870-3
B734	-1
VAULT	-5
X1	-4
4512B6	-2
VBLK1	METHOD BLANK
VBLK2	METHOD BLANK
VBLK1MS	BLANK SPIKE
B734MS	R93/04870-1MS
B734MSD	-1MSD

All Tuning criteria for BFB were within limits.

All Initial Calibration criteria were compliant.

All Continuing Calibration Check (CCC) criteria were compliant.

All internal standard areas were within QC limits.

All samples were screened prior to analysis by GC/FID and subsequently all were analyzed as medium level dilutions. Due to extremely high levels of non-target volatile organics present in these samples, further dilutions were performed to prevent saturation of the mass selective detector and to prevent interference in qualitation and quantitation determinations.

All surrogate recoveries were diluted out of samples 4512B6, (R93/04870-2) B32411 (R93/04870-3) and VAULT (R93/04870-5) and have been flagged with a "D". All other surrogate recoveries were within QC limits.

All matrix spiking compounds were within QC limits for recovery in the MS/MSD of sample B734 (R93/04870-1) and the blank spike. All %RPD's were within limits in the MS/MSD of B734.

No other analytical or QC problems were encountered during the analysis of this SDG.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael K. Perry
Laboratory Director

1/12/94

Date

General Testing Corporation

Job #: R93/04870

SECTION C

SAMPLE DATA

NYSDEC Sample No.: B179

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 12
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-6
Lab File ID: >E7130
Date Received: 12/09/93
Date Analyzed: 12/14/93
Dilution Factor: 625

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown alkane	18.87	20000	J
2.		Unknown alkane	19.13	43000	J
3.		Unknown alkane	19.52	21000	J
4.		Unknown alkane	19.94	86000	J
5.		Unknown alkane	20.97	22000	J
6.		Unknown hydrocarbon	21.46	32000	J
7.		Unknown alkane	21.88	67000	J
8.	95363	1,2,4-Trimethylbenzene	22.84	22000	J
9.		Unknown aromatic hydrocarbon	24.59	22000	J
10.	493027	Naphthalene, decahydro-, trans-	24.94	27000	J
11.		Unknown aromatic hydrocarbon	25.36	13000	J
12.		Unknown alkane	26.94	14000	J
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NYSDEC Sample No.: B12123

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): LOW
% Moisture: not dec. 7
Column (pack/cap): CAP

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-7
Lab File ID: >G6945
Date Received: 12/09/93
Date Analyzed: 12/14/93
Dilution Factor: 1.0

Number TIC's found: 2

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown	3.61	13	J
2.		Unknown	4.73	7.0	J
3.					
4.					
5.					
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NYSDEC Sample No.: B21014

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 8
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-1
Lab File ID: >E7115
Date Received: 12/07/93
Date Analyzed: 12/13/93
Dilution Factor: 1250

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown alkane	18.16	83000	J
2.		Unknown alkane	19.23	83000	J
3.		Unknown alkane	20.13	240000	J
4.		Unknown alkane	20.46	76000	J
5.		Unknown alkane	21.33	390000	J
6.		Unknown alkane	21.94	290000	J
7.		Unknown aromatic hydrocarbon	22.55	72000	J
8.	95363	1,2,4-Trimethylbenzene	22.91	190000	J
9.		Unknown alkane	23.20	140000	J
10.		Unknown alkane	24.43	150000	J
11.	1074437	Benzene, 1-methyl-3-propyl-	24.65	870000	J
12.		Unknown aromatic hydrocarbon	24.88	120000	J
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NYSDEC Sample No.: B22425

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): LOW
% Moisture: not dec. 7
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-2
Lab File ID: >G6947
Date Received: 12/07/93
Date Analyzed: 12/14/93
Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	Unknown alkane	20.83	85	J
2.	Unknown alkane	21.85	510	J
3.	Unknown alkane	23.07	490	J
4.	Unknown alkane	23.49	230	J
5.	Unknown alkane	23.97	1200	J
6.	Unknown alkane	24.40	380	J
7.	Unknown alkane	25.12	240	J
8.	Unknown hydrocarbon	25.44	190	J
9. 95363	1,2,4-Trimethylbenzene	27.17	280	J
10. 622968	Benzene, 1-ethyl-4-methyl-	28.49	71	J
11. 1074437	Benzene, 1-methyl-3-propyl-	28.89	97	J
12. 535773	Benzene, 1-methyl-3-(1-methylethyl)-	29.09	64	j
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NYSDEC Sample No.: B32411

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 4.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 13
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B734
Lab Sample ID: 4870-3
Lab File ID: >G7119
Date Received: 12/16/93
Date Analyzed: 12/22/93
Dilution Factor: 2.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown	4.82	31000	JB
2.		Unknown alkane	22.15	70000	J
3.		Unknown alkane	23.09	15000	J
4.		Unknown alkane	23.37	83000	J
5.		Unknown	23.82	40000	J
6.		Unknown alkane	24.34	180000	J
7.		Unknown alkane	24.74	40000	J
8.		Unknown alkane	25.48	47000	J
9.		Unknown	25.76	30000	J
10.		Unknown aromatic hydrocarbon	27.54	51000	J
11.		Unknown alkane	28.89	42000	J
12.		Unknown	29.59	47000	J
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NYSDEC Sample No.: B41113

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 9
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-8
Lab File ID: >E7117
Date Received: 12/09/93
Date Analyzed: 12/14/93
Dilution Factor: 625

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown alkane	19.17	26000	J
2.		Unknown alkane	19.55	25000	J
3.		Unknown alkane	20.07	110000	J
4.		Unknown alkane	20.39	30000	J
5.		Unknown alkane	21.30	120000	J
6.		Unknown alkane	21.91	130000	J
7.		Unknown aromatic hydrocarbon	22.52	29000	J
8.	95363	1,2,4-Trimethylbenzene	22.88	59000	J
9.		Unknown alkane	23.20	62000	J
10.		Unknown alkane	23.46	28000	J
11.		Unknown alkane	24.39	49000	J
12.		Unknown aromatic hydrocarbon	24.85	36000	J
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NYSDEC Sample No.: B42123

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): LOW
% Moisture: not dec. 7
Column (pack/cap): CAP

Number TIC's found: 11

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-5
Lab File ID: >G6937
Date Received: 12/09/93
Date Analyzed: 12/14/93
Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown	3.75	22	J
2.		Unknown	9.64	6.0	J
3.		Unknown alkane	22.25	7.0	J
4.		Unknown alkane	23.45	6.0	J
5.		Unknown alkane	24.46	30	J
6.		Unknown alkane	24.81	9.0	J
7.		Unknown alkane	26.47	39	J
8.		Unknown aromatic hydrocarbon	27.65	37	J
9.		Unknown alkane	28.11	15	J
10.		Unknown alkane	29.03	130	J
11.		Unknown alkane	30.68	10	J
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NYSDEC Sample No.: B51012

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): LOW
% Moisture: not dec. 9
Column (pack/cap): CAP

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-3
Lab File ID: >G6935
Date Received: 12/07/93
Date Analyzed: 12/14/93
Dilution Factor: 1.0

Number TIC's found: 9

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown	3.69	28	J
2.		Unknown	9.58	7.0	J
3.		Unknown alkane	23.23	21	J
4.		Unknown alkane	23.51	40	J
5.		Unknown alkane	23.97	37	J
6.		Unknown alkane	24.47	50	J
7.		Unknown	26.09	22	J
8.		Unknown alkane	26.52	43	J
9.		Unknown alkane	28.77	7.0	J
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NYSDEC Sample No.: B51617

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): LOW
% Moisture: not dec. 7
Column (pack/cap): CAP

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-4
Lab File ID: >G6936
Date Received: 12/07/93
Date Analyzed: 12/14/93
Dilution Factor: 1.0

Number TIC's found: 5

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown	3.72	24	J
2.		Unknown	4.92	9.0	J
3.		Unknown	9.60	8.0	J
4.		Unknown	24.45	9.0	J
5.		Unknown alkane	29.02	12	J
6.					
7.					
8.					
9.					
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NYSDEC Sample No.: 4512B6

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 4.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 44
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B734
Lab Sample ID: 4870-2
Lab File ID: >G7118
Date Received: 12/14/93
Date Analyzed: 12/21/93
Dilution Factor: 10.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown alkane	21.99	3100000	J
2.		Unknown alkane	23.20	1600000	J
3.		Unknown alkane	23.64	860000	J
4.		Unknown alkane	24.15	3900000	J
5.		Unknown alkane	24.54	910000	J
6.		Unknown alkane	25.28	850000	J
7.		Unknown alkane	25.50	4500000	J
8.	611143	Benzene, 1-ethyl-2-methyl-	26.12	4300000	J
9.		Unknown aromatic hydrocarbon	27.31	2800000	J
10.	95363	1,2,4-Trimethylbenzene	28.62	1300000	J
11.	1074437	Benzene, 1-methyl-3-propyl-	29.00	760000	J
12.		Unknown aromatic hydrocarbon	29.21	740000	J
13.					
14.					
15.					
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NYSDEC Sample No.: B734

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 4.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 15
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B734
Lab Sample ID: 4870-1
Lab File ID: >G7115
Date Received: 12/14/93
Date Analyzed: 12/21/93
Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown alkane	20.38	39000	J
2.		Unknown alkane	21.90	130000	J
3.		Unknown alkane	23.18	46000	J
4.		Unknown	24.11	29000	J
5.		Unknown alkane	25.15	59000	J
6.	611143	Benzene, 1-ethyl-2-methyl-	25.99	150000	J
7.	611143	Benzene, 1-ethyl-2-methyl-	26.83	81000	J
8.	95363	1,2,4-Trimethylbenzene	27.21	220000	J
9.	95363	1,2,4-Trimethylbenzene	28.51	91000	J
10.	1074437	Benzene, 1-methyl3-propyl-	28.92	65000	J
11.		Unknown aromatic hydrocarbon	29.13	63000	J
12.		Unknown aromatic hydrocarbon	29.66	36000	J
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

NYSDEC Sample No.: B91012

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 12
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-9
Lab File ID: >E7118
Date Received: 12/09/93
Date Analyzed: 12/14/93
Dilution Factor: 1250

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown	18.52	43000	J
2.		Unknown alkane	18.88	80000	J
3.		Unknown alkane	19.17	170000	J
4.		Unknown alkane	19.55	140000	J
5.		Unknown alkane	19.97	260000	J
6.		Unknown hydrocarbon	21.01	49000	J
7.		Unknown alkane	21.49	160000	J
8.		Unknown alkane	21.91	270000	J
9.		Unknown aromatic hydrocarbon	22.53	36000	J
10.	95363	1,2,4-Trimethylbenzene	22.88	100000	J
11.		Unknown aromatic hydrocarbon	24.59	66000	J
12.	493027	Naphthalene, decahydro-, trans-	24.98	66000	J
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

NYSDEC Sample No.: B92021

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 5.0 (g/mL)G
Level (low/med): LOW
% Moisture: not dec. 10
Column (pack/cap): CAP

Number TIC's found: 11

Contract: SEELER
SAS No.: -- SDG No.:B2101
Lab Sample ID: 4794-10
Lab File ID: >G6946
Date Received: 12/09/93
Date Analyzed: 12/14/93
Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown	3.68	17	J
2.		Unknown alkane	24.05	11	J
3.		Unknown	25.75	6.0	J
4.		Unknown aromatic hydrocarbon	26.12	10	J
5.	611143	Benzene, 1-ethyl-2-methyl-	26.85	20	J
6.	95636	Benzene, 1,2,4-trimethyl-	27.21	68	J
7.	527844	Benzene, 1-methyl-2-(1-methylethyl)-	27.91	6.0	J
8.	95363	1,2,4-Trimethylbenzene	28.49	17	J
9.		Unknown aromatic hydrocarbon	28.93	11	J
10.		Unknown	29.12	7.0	J
11.		Unknown aromatic hydrocarbon	29.64	7.0	J
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

NYSDEC Sample No.: X1

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 4.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 11
Column (pack/cap): CAP

Number TIC's found: 12

Contract: SEELER
SAS No.: -- SDG No.:B734
Lab Sample ID: 4870-4
Lab File ID: >G7120
Date Received: 12/17/93
Date Analyzed: 12/22/93
Dilution Factor: 1.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown alkane	20.94	7500	J
2.		Unknown alkane	21.94	20000	J
3.		Unknown alkane	23.13	46000	J
4.		Unknown	23.55	30000	J
5.		Unknown alkane	24.05	120000	J
6.		Unknown alkane	25.17	35000	J
7.		Unknown	25.45	9800	J
8.	95363	1,2,4-Trimethylbenzene	27.21	26000	J
9.	620144	Benzene, 1-ethyl-3-methyl-	28.50	21000	J
10.	1074175	Benzene, 1-methyl-2-propyl-	28.90	10000	J
11.	535773	Benzene, 1-methyl-3-(1-methylethyl)-	29.10	8300	J
12.	493027	Naphthalene, decahdyro-, trans-	29.26	13000	J
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

NYSDEC Sample No.: VAULT

1E - VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: GENERAL TESTING CORP.
Lab Code: 10145 Case No.: --
Matrix: (soil/water) SOIL
Sample wt/vol: 4.0 (g/mL)G
Level (low/med): MED
% Moisture: not dec. 3
Column (pack/cap): CAP

Number TIC's found: 6

Contract: SEELER
SAS No.: -- SDG No.:B734
Lab Sample ID: 4870-5
Lab File ID: >G7295
Date Received: 12/17/93
Date Analyzed: 12/23/93
Dilution Factor: 4.0

Concentration Units:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		Unknown	9.40	35000	J
2.		Unknown alkane	20.11	40000	J
3.		Unknown alkane	21.30	76000	J
4.		Unknown alkane	21.91	43000	J
5.		Unknown	23.21	28000	J
6.		Unknown alkane	24.43	4300	J
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No._____
Client Project No._____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS - SEELER ASSOC. C/O: REYNOLDS ALLOYS
Address X COURT ST ROCH. 16 E. MAIN ST. Rait.
Street City State Zip

Collector X PETER VON SCHONDORF
Print Signature

Bottles Prepared by GTC-VG Rec'd by Client
Bottles Shipped to Client via Client Seal ~~Shipping~~ # 12/03/93 Gardner
Samples Shipped via X HAND Seal/Shipping #

Sample(s) Relinquished by:	Received by:	Date/Time
1. Sign X	1. Sign	12/7/93
for X	for GTL	14:30
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by _____ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)	
1		B4 21-23'		TCL-91-1	X				2, 3	
		12/8/93 :12:00		DWPS						
2		B1 7-9'			X					
		12/8/93 :2:00								
3		B1 21-23			X					
		12/8/93 : 4:00								
4		/ / :								
5		B4 11-13'			X					
		12/8/93 :10:00								

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 ~~Pint~~ oz Glass	2 ~~8~~ oz Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each		2	1								

Additional Analytes SOME SOIL HEAVILY STAINED MAY REQUIRE DILUTION
B4 11-13', B1 7-9'

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. ______

Client Project No. ______

Sample Origination & Shipping Information

Collection Site: SPEEDY'S CLEANERS SEELER ASSOC.

Address: 400 REYNOLDS ARCADE 16 E MAIN ST. ROCH N.Y.
Street City State Zip

Collector: PETER VON SCHONDORF (Print) — Signature: Pete von Schondorf

Bottles Prepared by: GT — Rec'd by: ______

Bottles Shipped to Client via: HAND CARRY — Seal/Shipping #: ______

Samples Shipped via: HAND CARRY — Seal/Shipping #: ______

Sample(s) Relinquished by:		Received by:		Date//Time
1. Sign	Pete von Schondorf	1. Sign	Tom Hastings	12/16/93
for		for	GTC	08:22
2. Sign		2. Sign		/ /
for		for		:
3. Sign		3. Sign		/ /
for		for		:

Sample(s) Received in Laboratory by ______ / / @ :

	Client I.D. # / Lab	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1		B-3 CONCRETE 12/15/ 12:56		TCLP 91-1	X				~~2,3~~ #10
2		B3 2'-4'11" 12/15/ 2:15		TCLP 91-1					#10
3		B3 2'-4'11" 12/15/ 2:15		91-1 DWPS	✓				2,3
4		/ / :							
5		/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	~~Pint~~ 4 oz Glass	~~Qt.~~ 32 oz Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.	1 PT glass	
# of each		2	1							1	

Additional Analytes ______

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GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. ________
Client Project No. ________

Sample Origination & Shipping Information
Collection Site: Speedy's Cleaners – Sector Assoc.
Address: Reynolds Arcade, E. Main St., Rochester, NY
Street / City / State / Zip
Collector: Peter von Schondorf (Print) — [signature] (Signature)

Bottles Prepared by: GT — Rec'd by: ________
Bottles Shipped to Client via: Hand — Seal/Shipping #: ________
Samples Shipped via: Hand — Seal/Shipping #: ________

Sample(s) Relinquished by: [signature]

Sample(s) Relinquished by	Received by	Date/Time
1. Sign	1. Sign Tom Hastings	12/17/93
for	for GTC	08:25
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by ________ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	N	Filtered Y	N	Bottle Set(s) (see below)	
1		X-1		91-1 TCL	x					
		12/16/ 12:28								
2		VAULT		91-1 TCL	x					
		12/16 18:00								
3										
		/ / :								
4										
		/ / :								
5										
		/ / :								

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each											

Additional Analytes ________

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. _____

Client Project No. _____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS - SEELER ASSOC.

Address X 600 REYNOLD ARCADE, 16 EAST. MAIN, ROCH, NY

Street City State Zip

Collector X PETER VON SCHONDORF

Print Signature

Bottles Prepared by GTC-VG | Rec'd by Client

Bottles Shipped to Client via Client | Seal/~~Shipping~~ # 12/03/93 Gardner

Samples Shipped via X HAND | Seal/Shipping # _____

Sample(s) Relinquished by:	Received by:	Date/Time
1. Sign X Peter von Schondorf	1. Sign ⇒ for GTC	12/9/93 14:30
2. Sign for	2. Sign for	/ / :
3. Sign for	3. Sign for	/ / :

Sample(s) Received in Laboratory by _____ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y N	Sample Prep Filtered Y N	Bottle Set(s) (see below)
1		B9 10-12'		TCL-91-1 DWPS			2, 3
	GTC	12/9/ 10:00			X		
2		B9 20-21'					
	GTC	12/9/ 11:00			Y		
3		/ / :					
	GTC						
4		/ / :					
	GTC						
5		/ / :					
	GTC						

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 ~~Plastic~~ Glass	2 ~~8 oz.~~ Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each		2	1								

Additional Analytes SOME SOIL HEAVILY STAINED MAY REQ DILUTION

B9 10-12'

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. _____

Client Project No. _____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS — SEBLER ASSOC.

Address X 660 REYNOLDS ARCADE, 16 E. MAIN ROCHESTER

Street City State Zip

Collector X PETER VON SCHINDORF — Peter von Schindorf

Print Signature

Bottles Prepared by G.T. — Rec'd by _____

Bottles Shipped to Client via HAND CARRY — Seal/Shipping # _____

Samples Shipped via X HAND CARRY — Seal/Shipping # _____

Sample(s) Relinquished by:	Received by:	Date//Time
1. Sign X Peter von Schindorf	1. Sign Thomas Hastings	12/14/93
for X	for GTC	11:45
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by _____ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Sample Prep Preserved N	Sample Prep Filtered Y	Sample Prep Filtered N	Bottle Set(s) (see below)
1		B7 3-4'		TCL 91-1	X				2, 3
		12/13/93 : 2:00		DWPS					EXTRA VOL. FOR MS-MSD
2		B6 4.5-12"		TCL-91-1	X				1
		12/13/93 5:00							
Blanks 3		/ / :							
4 Trip		/ / :							
Blanks 5		/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 Pint Glass	2 Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	2	2	1								

Additional Analytes _____

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077 | GTC Job. No.____ Client Project No.____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS SEBLER ASSOC.

Address X 660 REYNOLDS ARCADE, 16 E. MAIN ST., ROCH.
Street City State Zip

Collector X PETER VON SCHONDORF
Print Signature

Bottles Prepared by GTC-VG Rec'd by Client

Bottles Shipped to Client via Client Seal/Shipping # 12/2/93 Gardner

Samples Shipped via X HAND CARRY Seal/Shipping #

Sample(s) Relinquished by:	Received by:	Date/Time
1. Sign X Peter von Schondorf	1. Sign Tom Hastings	12/4/93
for X	for GTC	11:45
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by _____ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Sample Prep Preserved N	Sample Prep Filtered Y	Sample Prep Filtered N	Bottle Set(s) (see below)
1	001	B6 4.5-12' 12/3/93 5:00		TCLP 91-1	X				2
2	002	/ / :							
3	003	/ / :							
4	004	/ / :							
5	005	/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each		1									

Additional Analytes _____

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street · Rochester, NY 14608 | 85 Trinity Place · Hackensack, NJ 07601 | 435 Lawrence Bell Drive · Amherst, NY 14221-7077 | GTC Job. No.____ Client Project No.____

Sample Origination & Shipping Information

Collection Site X SIBERT'S CLEANERS - SEGLER ASSOC.

Address X COURT ST. EDEN NY

Street City State Zip

Collector X PETER VON SCHLANDORF Peter von Schlandorf

Print Signature

Bottles Prepared by GTC-YG Rec'd by Client

Bottles Shipped to Client via Client Seal/Shipping # 12/3/92 gardner

Samples Shipped via X Hand carry Seal/Shipping #

Sample(s) Relinquished by:	Received by:	Date//Time
1. Sign X Peter von Schlandorf	1. Sign	12/7/93
for X	for GTC	14:00
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by ____ / / @ :

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Sample Prep Preserved N	Sample Prep Filtered Y	Sample Prep Filtered N	Bottle Set(s) (see below)
1				TCL 91-1					10
QC	-001	/ / :		DWPS					
2		B2 10-14'			Y				2, 3
	-002	12/6/ 2:00							
3		B2 24-25			Y				
	-003	12/6/ 4:00							
4		B5 15-16			Y				
	-004	12/7/ 11:05							
5		B5 16-17'			Y				
	-005	12/7/ 1:50							2

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 ~~Plastic~~ 02 Glass	20 ~~Plastic~~ 03 Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.	403. Glass	
# of each		2	1							4	

Additional Analytes ____

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street
Rochester, NY 14608

85 Trinity Place
Hackensack, NJ 07601

435 Lawrence Bell Drive
Amherst, NY 14221-7077

GTC Job. No. ________
Client Project No. ________

Sample Origination & Shipping Information

Collection Site X S[illegible]'s Cleaners   S[illegible] Assoc's.

Address X [illegible] Reynolds Arcade, 16 E. Main St. Roch, NY.
Street   City   State   Zip

Collector X Peter Von Schondorf   [signature]
Print   Signature

Bottles Prepared by GTC-YG   Rec'd by Client
Bottles Shipped to Client via Client   Seal/Shipping # 12/2/93 [illegible]
Samples Shipped via X Hand Carry   Seal/Shipping # ________

Sample(s) Relinquished by:	Received by:	Date/Time
1. Sign X [signature]	1. Sign [signature]	12/15/93
for X	for GTC	11:20
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by ________ / / @ :

	Client I.D. # / Lab I.D.	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	N	Filtered Y	N	Bottle Set(s) (see below)
1		B6 Concrete		TCLP 9-1					2
		12/13 / 4:20							
2									
		/ / :							
3									
		/ / :							
4	Field Blank								1
		/ / :							
5	Trip Blank								
		/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	2	1									

Additional Analytes ________

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
B21014	R93/04794-1	X					
B22425	R93/04794-2	X					
B51012	R93/04794-3	X					
B51617	R93/04794-4	X					
B42123	R93/04794-5	X					
B179	R93/04794-6	X					
B12123	R93/04794-7	X					
B41113	R93/04794-8	X					
B91012	R93/04794-9	X					
B92021	R93/04794-10	X					

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	LOW LEVEL MED LEVEL	DATE ANALYZED
R93/4794-1	SOIL	12/06/93	12/07/93	LOW	12/13/93
R93/4794-2	SOIL	12/06/93	12/07/93	LOW	12/14/93
R93/4794-3	SOIL	12/07/93	12/07/93	LOW	12/14/93
R93/4794-4	SOIL	12/07/93	12/07/93	LOW	12/14/93
R93/4794-5	SOIL	12/08/93	12/09/93	LOW	12/14/93
R93/4794-6	SOIL	12/08/93	12/09/93	MED	12/14/93
R93/4794-7	SOIL	12/08/93	12/09/93	LOW	12/14/93
R93/4794-8	SOIL	12/08/93	12/09/93	MED	12/14/93
R93/4794-9	SOIL	12/09/93	12/09/93	MED	12/14/93
R93/4794-10	SOIL	12/09/93	12/09/93	LOW	12/14/93

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/4794-1	SOIL	91-1			1.0
R93/4794-2	SOIL	91-1			1.0
R93/4794-3	SOIL	91-1			1.0
R93/4794-4	SOIL	91-1			1.0
R93/4794-5	SOIL	91-1			1.0
R93/4794-6	SOIL	91-1			1.0
R93/4794-7	SOIL	91-1			1.0
R93/4794-8	SOIL	91-1			1.0
R93/4794-9	SOIL	91-1			1.0
R93/4794-10	SOIL	91-1			1.0

NCF2

9/89

General Testing Corporation

Job #: R93/04794

SECTION B

SDG NARRATIVE

CASE NARRATIVE

COMPANY: Seeler Associates
Speedy's Cleaners
JOB #: R93/04794
SDG #: B2101

VOLATILE ORGANICS

Seeler soil samples were analyzed for TCL volatile organics by method 91-1 from the NYSASP 1991.

EPA Sample ID	GTC Sample ID
B12123	R93/04794-7
B179	-6
B21014	-1
B22425	-2
B41113	-8
B42123	-5
B51012	-3
B51617	-4
B91012	-9
B92021	-10
VBLK1	METHOD BLANK
VBLK2	METHOD BLANK
VBLK3	METHOD BLANK
VBLK4	METHOD BLANK
VBLK1MS	BLANK SPIKE
VBLK2MS	BLANK SPIKE
VBLK3MS	BLANK SPIKE
VBLK4MS	BLANK SPIKE
B51012MS	R93/04794-3MS
B51012MSD	-3MSD
B179MS	-6MS
B179MSD	-6MSD

All Tuning criteria for BFB were within limits.

All Initial Calibration criteria were compliant.

All Continuing Calibration Check (CCC) criteria were compliant.

All internal standard areas were within QC limits.

General Testing Corporation

Job #: R93/04794

SECTION A

NYSDEC Data Package Summary Forms

APPENDIX G
MONROE MONITORING & ANALYSIS LIBRARY SEARCH DATA FOR SOIL SAMPLE ANALYSES

LABORATORY
RESOURCES

ANALYTICAL RESULTS: TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID Number : T308118-7
Client ID Number : BR-1
Data File : >F6493
Calculation Factor: 1.25
Matrix : Soil
Fraction : VOA

Total Hit(s): 2

	CAS Number	Compound Name	RT.	Est. Concenc. UG/KG
1	593759	Methane, isocyano- (9CI)	3.97	20
2		Unknown	28.42	10

B - Compound detected in blank
** - Nontarget compound quantitated from calibration response factor

LABORATORY
RESOURCES

ANALYTICAL RESULTS: TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID Number : T308118-01
Client ID Number : BS-2B
Data File : >H1595
Calculation Factor: 1524.39
Matrix : Soil
Fraction : VOA

Total Hit(s): 15

	CAS Number	Compound Name	RT.	Est. Concenc. UG/KG
1		Unknown Alkane	19.39	180000
2		Unknown cycloalkane	20.73	120000
3		Unknown	21.27	90000
4		Unknown cycloalkane	21.95	99000
5		Unknown Alkane	22.19	100000
6		Unknown	22.66	120000
7		Ethyl Methyl Benzene	23.01	130000
8		Alkyl Benzene	23.25	150000
9		Unknown Alkane	23.64	300000
10		Trimethyl Benzene isomer	24.01	290000
11	98828	Benzene, (1-methylethyl)-	24.68	150000
12		Aromatic Hydrocarbon	24.96	88000
13		Alkyl Benzene	25.12	120000
14		Alkyl Benzene	25.22	110000
15		Dimethyl Ethyl Benzene isomer	25.57	120000

B - Compound detected in blank
** - Nontarget compound quantitated from calibration response factor

LABORATORY
RESOURCES

ANALYTICAL RESULTS: TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID Number : T308118-03
Client ID Number : BS-3
Data File : >H1601
Calculation Factor: 1436.78
Matrix : Soil
Fraction : VOA

Total Hit(s): 15

	CAS Number	Compound Name	RT.	Est. Concenc. UG/KG
1		Unknown Alkane	19.39	200000
2		Unknown cycloalkane	20.76	140000
3		Unknown	21.28	100000
4		Unknown	21.93	120000
5		Unknown Alkane	22.21	140000
6		Ethyl Methyl Benzene	23.03	130000
7		Trimethyl Benzene isomer	23.27	170000
8		Unknown Alkane	23.68	340000
9		Trimethyl Benzene isomer	24.03	330000
10		Dimethyl Ethyl Benzene isomer	24.57	110000
11		Ethyl Methyl Benzene	24.70	170000
12		Aromatic Hydrocarbon	24.98	99000
13	1074437	Benzene, 1-methyl-3-propyl-	25.14	140000
14		Dimethyl Ethyl Benzene isomer	25.25	140000
15		Dimethyl Ethyl Benzene isomer	25.57	140000

B - Compound detected in blank
** - Nontarget compound quantitated from calibration response factor

LABORATORY
RESOURCES

ANALYTICAL RESULTS: TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID Number : T308118-4
Client ID Number : BS-4
Data File : >F6491
Calculation Factor: 1.12
Matrix : Soil
Fraction : VOA

Total Hit(s): 2

	CAS Number	Compound Name	RT.	Est. Concenc. UG/KG
1	593759	Methane, isocyano- (9CI)	3.88	15
2		Unknown	28.40	8

B - Compound detected in blank
** - Nontarget compound quantitated from calibration response factor

LABORATORY
RESOURCES

ANALYTICAL RESULTS: TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID Number : T308118-5
Client ID Number : DC-1
Data File : >F649Z
Calculation Factor: 1.30
Matrix : Soil
Fraction : VOA

Total Hit(s): 2

	CAS Number	Compound Name	RT.	Est. Concenc. UG/KG
1	593759	Methane, isocyano- (9CI)	3.88	17
2		Unknown	28.40	18

B - Compound detected in blank
** - Nontarget compound quantitated from calibration response factor

LABORATORY
RESOURCES

ANALYTICAL RESULTS: TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID Number : T308118-06
Client ID Number : DC-2
Data File : >H1596
Calculation Factor: 581.40
Matrix : Soil
Fraction : VOA

Total Hit(s): 15

	CAS Number	Compound Name	RT.	Est. Concenc. UG/KG
1		Trimethyl Benzene isomer	23.25	48000
2		Unknown Alkane	23.66	48000
3		Ethyl Methyl Benzene	24.70	76000
4		Unknown	24.98	76000
5		Alkyl Benzene	25.13	52000
6		Dimethyl Ethyl Benzene isomer	25.26	56000
7		Alkyl Benzene	25.44	48000
8	99876	Benzene, 1-methyl-4-(1-methylethyl)-	25.61	93000
9		Dimethyl Ethyl Benzene isomer	25.72	52000
10		Unknown	25.92	64000
11		Unknown	26.15	58000
12		Alkyl Benzene	26.22	37000
13		Dimethyl Ethyl Benzene isomer	26.46	64000
14	488233	Benzene, 1,2,3,4-tetramethyl-	26.65	70000
15		Aromatic Hydrocarbon	26.76	54000

B - Compound detected in blank
** - Nontarget compound quantitated from calibration response factor

CHAIN OF CUSTODY RECORD

Monroe
Monitoring
& Analysis, Inc.

PROJECT NAME: Speedy Cleaners

SAMPLER'S SIGNATURE: [signature]

JOB CODE: 938-14

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO_3	H_2SO_4	HCL	NAOH	VIAL (PRES.)	VIAL (UNPRES.)	TOTAL	PARAMETERS/REMARKS
8-5-93	1634	BR-1	X		Soil	X							1	Hold for instructions.

TOTAL NUMBER OF CONTAINERS: 1

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	8-5-93	1745	[signature]
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

CHAIN OF CUSTODY RECORD

Monroe Monitoring & Analysis, Inc.

PROJECT NAME: SPEEDY CLEANERS

JOB CODE: 938-14

SAMPLER'S SIGNATURE:

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO3	H2SO4	HCL	NAOH	VIAL (PRES.)	VIAL (UNPRES.)	TOTAL	PARAMETERS/REMARKS
8/5/93	14:00	BS-2B	X		SOIL	X							1	EPA 8240 - LIBRARY SCAN
	14:05	BS-2B	X		SOIL								1	EPA TCLP - VOLATILES, METALS
	14:10	BS-2B	X		SOIL								1	IGNITABILITY
	14:12	BW-2B	X		WATER						2		2	EPA 8240 - LIBRARY SCAN
	14:14	BS-3	X		SOIL								1	EPA 8240 - LIBRARY SCAN
	14:18	BS-3	X		SOIL								1	DUPLICATE (IF NEEDED)
	14:20	BS-3	X		SOIL								1	IGNITABILITY
	14:25	BS-4	X		SOIL								1	EPA 8240 - LIBRARY SCAN
	14:27	BS-4	X		SOIL								1	DUPLICATE (IF NEEDED)
	14:36	BS-4	X		SOIL								1	IGNITABILITY
	15:00	DC-1	X		SOIL								1	EPA 8240 - LIBRARY SCAN
	15:05	DC-1	X		SOIL								1	EPA TCLP - VOLATILES ONLY
	15:30	DC-2	X		SOIL								1	EPA 8240 - LIBRARY SCAN
	15:33	DC-2	X		SOIL								1	DUPLICATE (IF NEEDED)
	16:32	BR-1	X		SOIL								1	EPA 8240 - LIBRARY SCAN
					TOTAL NUMBER OF CONTAINERS								16	

1. RELINQUISHED BY:	DATE: 8/5/93	TIME: 17:45	RECEIVED BY:
2. RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
3. RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:

1425 Mt. Read Blvd. • Rochester, NY 14606 • (716) 458-8920 • Fax (716) 458-2168

APPENDIX H
SEELER ASSOCIATES TCLP SAMPLE ANALYSIS

General Testing Corporation

Job #: R93/04872

SECTION A

SDG NARRATIVE

General Testing Corporation

CASE NARRATIVE

COMPANY: Seeler Associates
Speedy's Cleaners
JOB #: R93/04872

VOLATILE ORGANICS

Seeler soil samples were analyzed for TCL volatile organics by method 8240 from SW-846 following the TCLP Zero Headspace Extraction (ZHE) method 1311 from SW-846. The results have been reported out in NYSASP 1991 format where applicable. The following samples are associated with this SDG:

EPA Sample ID	GTC Sample ID
B64512	R93/04872-001
B6	-002
B3	-003
B32411	-004
LAB METHOD BLANK	-005
LAB METHOD BLANK	-006
ZHS BLANK	-007
VBLK1MS	BLANK SPIKE
B64512MS	-001MS
B64512MSD	-001MSD

All Tuning criteria for BFB were within limits.

All Initial Calibration criteria were compliant.

All Continuing Calibration Check (CCC) criteria were compliant.

All internal standard areas were within QC limits.

Due to high levels of non-target organics present, samples R93/04872-001 (B64512) and 002 (B6) were analyzed at 1/20 dilutions and sample R93/04872-004 (B32411) was analyzed at a 1/5 dilution in order to avoid saturation of the detector and/or interference in quantitation.

All surrogate recoveries for all samples were within QC limits.

All matrix spiking compounds were within QC limits for recovery in the MS/MSD of sample R93/04872-001 (B64512) and the blank spike. All %RPD's were within limits from the MS/MSD.

Methylene Chloride and Acetone were detected in the ZHE blank therefore the Methylene Chloride and Acetone detected in the samples has been flagged with a "B".

No other analytical or QC problems were encountered.

General Testing Corporation

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael K. Perry

Michael K. Perry
Laboratory Director

1/14/94

Date

General Testing Corporation

Job #: R93/4872

SECTION C

VOLATILES DATA

- QC Summary
- Sample Data
- Standards Data
- Raw QC Data

General Testing Corporation

A Full Service Environmental Laboratory

VOLATILE ORGANICS - AQUEOUS SAMPLE

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp.

Matrix Spike - Sample No. : R93/04872 -004

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/l)	MS CONCENT. (ug/l)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	250	0	270	108	D-234
Trichloroethene	250	0	248	99	71-157
Benzene	250	0	260	104	37-151
Toluene	250	0	254	102	47-150
Chlorobenzene	250	0	257	103	37-160

COMPOUND	SPIKE ADDED (ug/l)	MSD CONCENT. (ug/l)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	250	270	108	0	30	D-234
Trichloroethene	250	255	102	3	30	71-157
Benzene	250	265	106	2	30	37-151
Toluene	250	271	108	6	30	47-150
Chlorobenzene	250	265	106	3	30	37-160

Columns to be used to flag recovery and RPD values with *.
* = Values outside of QC limits
MS QC Limits = EPA Acceptance Criteria
RPD Limits = Internal Acceptance Criteria

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

000018

General Testing Corporation

A Full Service Environmental Laboratory

LABORATORY REPORT

Client:
Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade 16 E. Main
Rochester, NY 14614

Job No: R93/04872

Date: 14 JAN., 1994

EPA METHOD 8240 - TCL	BLANK SPIKE TRUE VALUE	BLANK SPIKE % RECOVERY	ACCEPTANCE LIMITS (%)
Date Analyzed: 12/29/93			
Chloromethane	20	125	D - 273
Bromomethane	20	115	D - 242
Vinyl Chloride	20	116	D - 251
Chloroethane	20	118	42 - 140
Methylene Chloride	20	105	D - 221
Acetone	20	119	21 - 188
Carbon Disulfide	20	66	57 - 150
1,1-Dichloroethene	20	115	D - 234
1,1-Dichloroethane	20	107	59 - 155
trans-1,2-Dichloroethene	20	111	54 - 156
cis-1,2-Dichloroethene	NA	NA	54 - 156
Chloroform	20	108	51 - 138
2-Butanone (MEK)	20	110	42 - 175
1,2-Dichloroethane	20	108	49 - 155
1,1,1-Trichloroethane	20	106	52 - 162
Carbon Tetrachloride	20	107	70 - 140
Bromodichloromethane	20	109	35 - 155
1,2-Dichloropropane	20	106	D - 210
1,3-Dichloropropene-Trans	20	121	17 - 183
Trichloroethene	20	105	71 - 157
Dibromochloromethane	20	112	53 - 149
1,1,2-Trichloroethane	20	110	52 - 150
Benzene	20	110	37 - 151
1,3-Dichloropropene(Cis)	20	102	D - 227
Bromoform	20	121	45 - 169
4-Methyl-2-pentanone(MIBK)	20	75	47 - 155
2-Hexanone	20	100	48 - 151
Tetrachloroethene	20	104	64 - 148
1,1,2,2-Tetrachloroethane	20	107	46 - 157
Toluene	20	106	47 - 150
Chlorobenzene	20	112	37 - 160
Ethylbenzene	20	124	37 - 162
Styrene	20	123	75 - 131
Total Xylene (o,m,p)	20	96	62 - 124

NA - Not Added

General Testing Corporation

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04872 Date: JAN. 11 1994

Client:
Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade 16 E. Main
Rochester, NY 14614

Sample(s) Reference
Soil Sampling

Received : 12/14,15,16/93 P.O. #:

TCL 8240 List on TCLP Extract* ANALYTICAL RESULTS - ug/l

Sample:	-001	-002	-003	-004
Location:	B64512	B6	B3	B32411
Date Collected:	12/13/93	12/13/93	12/15/93	12/15/93
Time Collected:	17:00	16:20	12:56	14:15
Date Analyzed:	12/29/93	12/29/93	12/29/93	12/29/93
Dilution:	20	20	1	5
Chloromethane	100 U	100 U	5.0 U	25 U
Bromomethane	100 U	100 U	5.0 U	25 U
Vinyl Chloride	100 U	100 U	5.0 U	25 U
Chloroethane	100 U	100 U	5.0 U	25 U
Methylene Chloride	100 U	450 B	46 B	310 B
Acetone	330 B	200 U	37 B	56 B
Carbon Disulfide	200 U	200 U	10 U	50 U
1,1-Dichloroethene	100 U	100 U	5.0 U	25 U
1,1-Dichloroethane	100 U	100 U	5.0 U	25 U
trans-1,2-Dichloroethene	100 U	100 U	5.0 U	25 U
cis-1,2-Dichloroethene	110	100 U	5.0 U	25 U
Chloroform	100 U	100 U	5.0 U	25 U
2-Butanone (MEK)	200 U	200 U	10 U	50 U
1,2-Dichloroethane	100 U	100 U	5.0 U	25 U
1,1,1-Trichloroethane	100 U	100 U	5.0 U	25 U
Carbon Tetrachloride	100 U	100 U	5.0 U	25 U
Bromodichloromethane	100 U	100 U	5.0 U	25 U
1,2-Dichloropropane	100 U	100 U	5.0 U	25 U
1,3-Dichloropropene-Trans	100 U	100 U	5.0 U	25 U
Trichloroethene	100 U	100 U	5.0 U	25 U
Dibromochloromethane	100 U	100 U	5.0 U	25 U
1,1,2-Trichloroethane	100 U	100 U	5.0 U	25 U
Benzene	100 U	100 U	5.0 U	25 U
1,3-Dichloropropene(Cis)	100 U	100 U	5.0 U	25 U
Bromoform	100 U	100 U	5.0 U	25 U
4-Methyl-2-pentanone(MIBK)	200 U	200 U	10 U	50 U
2-Hexanone	200 U	200 U	10 U	50 U
Tetrachloroethene	100 U	100 U	5.0 U	80
1,1,2,2-Tetrachloroethane	100 U	100 U	5.0 U	25 U
Toluene	100 U	100 U	5.0 U	25 U
Chlorobenzene	100 U	100 U	5.0 U	25 U

General Testing Corporation

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04872 Date: JAN. 11 1994

Client:
Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade 16 E. Main
Rochester, NY 14614

Sample(s) Reference

Soil Sampling

Received : 12/14,15,16/93 P.O. #:

TCL 8240 List on TCLP Extract* ANALYTICAL RESULTS - ug/l

Sample:	-001	-002	-003	-004
Location:	B64512	B6	B3	B32411
Date Collected:	12/13/93	12/13/93	12/15/93	12/15/93
Time Collected:	17:00	16:20	12:56	14:15
Date Analyzed:	12/29/93	12/29/93	12/29/93	12/29/93
Dilution:	20	20	1	5
Ethylbenzene	140	100 U	5.0 U	25 U
Styrene	100 U	100 U	5.0 U	25 U
Total Xylene (o,m,p)	1400	240	5.0 U	130
Surrogate Standard Recoveries				
1,2-Dichloroethane-d4	96	93	95	94
(Acceptance limits: 76-114%)				
Toluene d8	100	101	102	101
(Acceptance limits: 88-110%)				
4-Bromofluorobenzene	99	105	99	99
(Acceptance limits: 86-115%)				

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.
* Data reported is unbiased on the above regulation.

Michael K. Perry
Laboratory Director

000021

General Testing Corporation

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04872 Date: JAN. 11 1994

Client:
Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade 16 E. Main
Rochester, NY 14614

Sample(s) Reference

Soil Sampling

Received : 12/14,15,16/93 P.O. #:

TCL 8240 List on TCLP Extract* ANALYTICAL RESULTS - ug/l

Sample:	-005	-006	-007					
Location:	LAB METH BLANK	LAB METH BLANK	ZHE BLANK					
Date Collected:	--	--	--					
Time Collected:	--	--	--					
Date Analyzed:	12/29/93	12/30/93	12/29/93					
Dilution:	1	1	1					
Chloromethane	5.0 U	5.0 U	5.6					
Bromomethane	5.0 U	5.0 U	5.0 U					
Vinyl Chloride	5.0 U	5.0 U	5.0 U					
Chloroethane	5.0 U	5.0 U	5.0 U					
Methylene Chloride	5.0 U	5.0 U	8.0					
Acetone	10 U	10 U	55					
Carbon Disulfide	10 U	10 U	10 U					
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U					
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U					
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U					
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U					
Chloroform	5.0 U	5.0 U	5.0 U					
2-Butanone (MEK)	10 U	10 U	10 U					
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U					
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U					
Carbon Tetrachloride	5.0 U	5.0 U	5.0 U					
Bromodichloromethane	5.0 U	5.0 U	5.0 U					
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U					
1,3-Dichloropropene-Trans	5.0 U	5.0 U	5.0 U					
Trichloroethene	5.0 U	5.0 U	5.0 U					
Dibromochloromethane	5.0 U	5.0 U	5.0 U					
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U					
Benzene	5.0 U	5.0 U	5.0 U					
1,3-Dichloropropene(Cis)	5.0 U	5.0 U	5.0 U					
Bromoform	5.0 U	5.0 U	5.0 U					
4-Methyl-2-pentanone(MIBK)	10 U	10 U	10 U					
2-Hexanone	10 U	10 U	10 U					
Tetrachloroethene	5.0 U	5.0 U	5.0 U					
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U					
Toluene	5.0 U	5.0 U	5.0 U					
Chlorobenzene	5.0 U	5.0 U	5.0 U					

General Testing Corporation

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04872 Date: JAN. 11 1994

Client:
Mr. Peter von Schondorf
Seeler Associates
660 Reynolds Arcade 16 E. Main
Rochester, NY 14614

Sample(s) Reference
Soil Sampling

Received : 12/14,15,16/93 P.O. #:

TCL 8240 List on TCLP Extract* ANALYTICAL RESULTS - ug/l

Sample:	-005	-006	-007					
Location:	LAB METH BLANK	LAB METH BLANK	ZHE BLANK					
Date Collected:	--	--	--					
Time Collected:	--	--	--					
Date Analyzed:	12/29/93	12/30/93	12/29/93					
Dilution:	1	1	1					
Ethylbenzene	5.0 U	5.0 U	5.0 U					
Styrene	5.0 U	5.0 U	5.0 U					
Total Xylene (o,m,p)	5.0 U	5.0 U	5.0 U					
Surrogate Standard Recoveries								
1,2-Dichloroethane-d4	94	96	98					
(Acceptance limits: 76-114%)								
Toluene d8	100	101	96					
(Acceptance limits: 88-110%)								
4-Bromofluorobenzene	94	96	94					
(Acceptance limits: 86-115%)								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.
* Data reported is unbiased on the above regulation.

Michael F. Penny
Laboratory Director

000023

4872

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. _____

Client Project No. _____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS SEBLER ASSOC.

Address X 660 REYNOLDS ARCADE, 16 E. MAIN ST., ROCH.
Street City State Zip

Collector X PETER VON SCHONDORF
Print Signature

Bottles Prepared by GTC-VG Rec'd by Client

Bottles Shipped to Client via Client Seal/Shipping # 12/2/93 Gardner

Samples Shipped via X HAND CARRY Seal/Shipping # _____

Sample(s) Relinquished by:	Received by:	Date//Time
1. Sign X	1. Sign Tom Hastings	12/14/93
for X	for GTC	11:45
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by Tom Hastings 12/14/93 @ 11:45

	Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1		B6 45-12'		TCLP 91-1	X				2
R93	4872-001 -001	12/13/93 :5:00							
2	-002	/ / :							
3	-003	/ / :							
4	-004	/ / :							
5	-005	/ / :							

dg 12/15.

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each		1									

Additional Analytes _____

0000

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

4872

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No R93/4872

Client Project No. _____

Sample Origination & Shipping Information

Collection Site X SPEEDY'S CLEANERS SEELER ASSOC'S

Address X 660 REYNOLDS ARCADE, 16 E. MAIN ST, ROCH. NY.
Street City State Zip

Collector X PETER VON SCHONDORF
Print Signature

Bottles Prepared by GTC-YG Rec'd by Client

Bottles Shipped to Client via Client Seal/Shipping # 12/2/93 gochan

Samples Shipped via ^ HAND CARRY Seal/Shipping # _____

Sample(s) Relinquished by:	Received by:	Date//Time
1. Sign X	1. Sign	12/15/93
for	for GTC	11:20
2. Sign	2. Sign	/ /
for	for	:
3. Sign	3. Sign	/ /
for	for	:

Sample(s) Received in Laboratory by _____ 12/15/93 @ 11:20

Client I.D. # / Lab #	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y N	Sample Prep Filtered Y N	Bottle Set(s) (see below)
R93 4872-001	B6 12/13 / 4:20		TCLP 9-1			2
2	/ / :					
3	/ / :					
4 Field Blank 002	/ / :					1
5 Trip Blank 003	/ / :					

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	2	1									

Additional Analytes _____ 000003

GENERAL TESTING CORPORATION / CHAIN-OF-CUSTODY RECORD

710 Exchange Street, Rochester, NY 14608 | 85 Trinity Place, Hackensack, NJ 07601 | 435 Lawrence Bell Drive, Amherst, NY 14221-7077

GTC Job. No. R93/4872

Client Project No. _____

Sample Origination & Shipping Information

Collection Site SPEEDY'S CLEANERS SEELEX ASSOC.

Address 1110 REYNOLDS ARCADE, 16 E. MAIN ST., ROCH. N.Y.
Street City State Zip

Collector PETER VON SCHONDORF (Print) Peter von Schondorf (Signature)

Bottles Prepared by GT / Rec'd by _____

Bottles Shipped to Client via HAND CARRY / Seal/Shipping # _____

Samples Shipped via HAND CARRY / Seal/Shipping # _____

Sample(s) Relinquished by:		Received by:		Date//Time
1. Sign	Peter von Schondorf	1. Sign	Tom Hastings	12/16/93
for		for	GTC	08:22
2. Sign		2. Sign		/ /
for		for		:
3. Sign		3. Sign		/ /
for		for		:

Sample(s) Received in Laboratory by _____ 12/16/93 @ 08:22

	Client I.D. # / Lab	Sample Location / Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep Preserved Y	Preserved N	Filtered Y	Filtered N	Bottle Set(s) (see below)
1		B-3		TCLP 91-1	X				~~#3~~ #10
		12/15/ 12:56							
2		B3 2'-4'11"		TCLP 91-1	X				#10
		12/15/ 2:15							
3		B3 2'-4'11"		~~PCB-1~~	X				2,3
		12/15/ 2:15		~~12/16~~ DWFS					
4		/ / :							
5		/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	4 Pint Glass	2 Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.	1 PT glass	
# of each		2	1							1	

Additional Analytes _____ 000009

LABORATORY
RESOURCES INC.

LAB JOB NO. T308118

ANALYTICAL RESULTS: TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

Lab. Sample ID: T308118-05 TCLP
Client Designation: DC-1
Data File: >E2590
Calculation Factor: 20.00 QC Blank Data File: >E2579
Sample Loaded (mL): .25

Total Hit(s): 0

PARAMETER	Results (MG/L)	Regulatory Limits (MG/L)
Vinyl Chloride	< .200	0.20
1,1-Dichloroethene	< .100	0.70
Chloroform	< .100	6.00
1,2-Dichloroethane	< .100	0.50
Carbon Tetrachloride	< .100	0.50
Trichloroethene	< .100	0.50
Benzene	< .100	0.50
2-Butanone	< .200	200.00
Tetrachloroethene	< .100	0.70
Chlorobenzene	< .100	100.00
Ethylbenzene	< .100	
meta + para-Xylenes	< .100	
ortho-Xylene	< .100	
Toluene	< .100	

METALS ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
Division: New Jersey
LRI Order No: T308118
LRI Sample No: 1

Client: Monroe Monitoring & Analysis,
Location: NJ
Project: Speedy Cleaners
Sample Description: BS-2B

Date Collected: 08/05/93
Date Received: 08/06/93

Matrix: Soil
Percent Moisture: 18.3%

Parameter	Result	QL	Units	Started Date	Started By	Completed Date	Completed By	Dilution
Mercury by Cold Vapor by 7470, TCLP								
Mercury	0.0050 U	0.0050	mg/L	08/19/93	BD	08/20/93	BD	
Metals by ICP by 6010, TCLP								
Arsenic	1.0 U	1	mg/L	08/18/93	JB	08/19/93	MP	
Barium	1.0 U	1	mg/L	08/18/93	JB	08/19/93	MP	
Cadmium	0.050 U	.05	mg/L	08/18/93	JB	08/19/93	MP	
Chromium	0.10 U	.1	mg/L	08/18/93	JB	08/19/93	MP	
Lead	1.7	.3	mg/L	08/18/93	JB	08/19/93	MP	
Selenium	0.50 U	.5	mg/L	08/18/93	JB	08/19/93	MP	
Silver	0.050 U	.05	mg/L	08/18/93	JB	08/19/93	MP	

LABORATORY
RESOURCES INC.

LAB JOB NO. T308118

ANALYTICAL RESULTS: TOXICITY CHARACTERISTIC LEACHATE PROCEDURE

Lab. Sample ID: T308118-01 TCLP
Client Designation: BS-2B
Data File: >E2589
Calculation Factor: 20.00 QC Blank Data File: >E2579
Sample Loaded (mL): .25

Total Hit(s): 4

PARAMETER	Results (MG/L)		Regulatory Limits (MG/L)
Vinyl Chloride	< .200		0.20
1,1-Dichloroethene	< .100		0.70
Chloroform	< .100		6.00
1,2-Dichloroethane	< .100		0.50
Carbon Tetrachloride	< .100		0.50
Trichloroethene	< .100		0.50
Benzene	< .100		0.50
2-Butanone	< .200		200.00
Tetrachloroethene	< .100		0.70
Chlorobenzene	< .100		100.00
Ethylbenzene	.093	J	
meta + para-Xylenes	.390		
ortho-Xylene	.380		
Toluene	.120		

GENERAL CHEMISTRY ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
Division: New Jersey
LRI Report No: T308118
LRI Sample No: 1

Customer: Monroe Monitoring & Analysis,
Location: NJ
Project: Speedy Cleaners
Sample Description: BS-2B

Date Collected: 08/05/93
Date Received: 08/06/93

Matrix: Soil
Percent Moisture: 18.3%
Units in Dry Weight

Parameter	Result	QL	Units	Started Date	Started By	Completed Date	Completed By	Dilution
Ignitability by SW-846 1010								
Ignitability (Flashpoint)	145	70	°F			08/23/93	JC	

GENERAL CHEMISTRY ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
Division: New Jersey
LRI Report No: T308118
LRI Sample No: 3

Customer: Monroe Monitoring & Analysis,
Location: NJ
Project: Speedy Cleaners
Sample Description: BS-3

Date Collected: 08/05/93
Date Received: 08/06/93

Matrix: Soil
Percent Moisture: 11.4%
Units in Dry Weight

Parameter	Result	QL	Units	Started Date	Started By	Completed Date	Completed By	Dilution
Ignitability by SW-846 1010								
Ignitability (Flashpoint)	115	70	°F			08/23/93	JC	

GENERAL CHEMISTRY ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.
Division: New Jersey
LRI Report No: T308118
LRI Sample No: 4

Customer: Monroe Monitoring & Analysis,
Location: NJ
Project: Speedy Cleaners
Sample Description: BS-4

Date Collected: 08/05/93
Date Received: 08/06/93

Matrix: Soil
Percent Moisture: 11.3%
Units in Dry Weight

Parameter	Result	QL	Units	Started Date	Started By	Completed Date	Completed By	Dilution
Ignitability by SW-846 1010								
Ignitability (Flashpoint)	>160	70	°F			08/23/93	JC	

APPENDIX K
SOIL SAMPLING AND QUALITY ASSURANCE PLAN

APPENDIX K

SOIL SAMPLING AND QUALITY ASSURANCE PLAN

1.0 Introduction

This section discusses the sampling and quality assurance procedures, that will be followed for all verification sampling. The discussion is divided into the Soil Sampling Plan and Quality Assurance Plan.

1.2 Soil Sampling Plan

1.2.1 Soil Sampling Strategy

For the purpose of this project, the sample strategy chosen is based on our knowledge of the site and previously collected sample data used to delineate the remediation activities. We propose to collect verification samples in an area following the completion of remediation activities in that area. Samples will be taken on the face of available sides and the bottom of the remediation area. Homogeneous areas will be identified and plotted on a grid system. Samples will be collected in a random manner from each grid to verify that established cleanup standards have been achieved. Homogeneous areas will be identified based on the appearance of the area, along with knowledge of soil type. Once identified, each homogeneous area will be placed in a grid system. Each grid area shall be approximately 625 sq. ft. (25' x 25').

1.2.2 Soil Sampling Method

All soil samples will be located randomly within each grid. The sample will be collected from an area that has a surface area of one square foot and a depth of approximately one inch. The sample will be collected using a dedicated stainless steel trowel. Immediately after sampling, the soil will be placed in jars appropriate for the analysis of volatile organic compounds and sealed with a teflon lined screw cap. All samples will then be put on ice in a sample cooler, and cooled to four degrees centigrade. At the end of the sampling all samples will be shipped to the laboratory for analysis.

1.2.3 Laboratory Analysis

All verification samples will be analyzed using the 1991 edition of New York State's Analytical Services Protocol (ASP) and using USEPA Method 8260 for the USEPA's target compound list of substances including those volatile compounds found in the STARS Memo #1. We have selected this analytical technique for its ability to differentiate the analytes of concern and their ability to have low detection levels, see Section 5.0 for the target compounds and appropriate clean up levels. In the event the laboratory can not achieve a practice quantitation limit of at least one half the clean up criteria, the NYSDEC project manager will be notified and given a resolution to the problem.

1.2.4 Sample Custody Procedures

The goal of implementing chain-of-custody procedures is to ensure that the sample is traceable from the time it is collected until it, or its derived data, are used. Samples would

be considered "in custody" under the following conditions:

1. It is in personal possession.
2. It is in personal view after being in personal possession.
3. It was in personal possession when it was properly secured.
4. It is in a designated secure area.

When transferring and/or shipping from the field, samples will be accompanied by the chain-of-custody record. The form includes the signature of the relinquishers and the receiver as well as the date and time of the exchange, and any pertinent remarks. Since all samples will be immediately placed in coolers, shipment will also be made using these coolers. The samplers will complete the appropriate portion of the chain-of-custody form and place it in the cooler prior to shipment to the laboratory. The receiving party will complete the remainder of the form upon receipt. Each cooler will also be sealed using chain-of-custody tape.

1.2.5 Labels

The sample to be sent to the laboratory for chemical analysis will be identified with the following information:

- Date and time of collection;
- Location;
- Sample number;
- Analysis to be performed; and

- Sampler's name and affiliation.

1.2.6 Sampling Equipment Cleaning Methods

Sampling equipment that is in actual contact with a laboratory sample will be cleaned prior to and between each use. The clean equipment will then be temporarily placed in clean plastic bags or wrapped in aluminum foil until it is used. Equipment such as spoons and soil knives will be cleaned with the following materials:

- Trisodium phosphate dissolved in clean water;
- Clean water rinse;
- Methanol rinse;
- Distilled/deionized water rinse; and
- Paper towel or air dry.

During decontamination, all wash water will be placed in DOT 17H sealable drums, labeled and staged for disposal.

1.3 Quality Assurance Plan

In order to produce data of known and consistent quality, a regimen of Quality Assurance (QA) will be followed by both Seeler Associates and by the selected laboratory. Quality Assurance is the sum of all internal and external quality control efforts. The QA program will include the collection and analysis of a variety of Quality Control (QC) samples, as well as following proper documentation procedures. The QA program will be similar to those implemented on State

Superfund projects.

Quality control procedures pertaining to both the field and analytical phases of this project will be followed. The following sections describe these QC procedures and samples, as well as the reporting, chain-of-custody, and corrective actions to be followed.

1.3.1 Data Quality Objectives

The reliability of sample data will be assured through the evaluation of prescribed analytical and field sampling quality control measures. Laboratory personnel will follow the QC methods described in their Quality Assurance Program Manual. This manual documents the procedures used to assess both analytical accuracy and precision.

Accuracy is a measure of the closeness of an individual measurement to a known value. Data accuracy assessment involves the measurement of bias due to the analytical system or sample handling. It can be assessed through the analysis of blank samples, spiked samples, and various instrumental response checks. One measure of accuracy is the determination of the recovery of known amounts of target analyses in control standards or spiked field samples.

Precision is a measure of the reproductibility of repetitive measurements. Two types of precision may be determined: analytical precision and total precision. Analytical precision will be measured by analysis of matrix spike duplicates and/or laboratory duplicates. Total precision includes the effects of analytical and sampling variability, and the homogeneity of the sample; it will be assessed through the collection and analysis of field duplicate

samples.

1.3.2 Field Quality Control

The field sample QC procedures and samples are listed in Table 1. These include the collection of trip blanks, equipment rinsate blanks, and field duplicates. Each type of QC sample will be collected at a rate equivalent to 5% of the regular samples.

1.3.2.1 Trip Blanks

Trip blanks are volatile organic analysis (VOA) vials containing organic-free water, which remain closed, and accompany the field samples through all phases of shipping and handling. The selected laboratory will provide all trip blanks. Trip blanks will be analyzed with the field samples, in order to assess the potential introduction of volatile organic compounds during sample handling. Trip blanks will be analyzed for volatile organic compounds only, and will accompany each sample cooler used to store samples for volatile organic compound analysis.

TABLE 1

Field Quality Control Samples

QC Sample	Matrix	Analyses [2]	Frequency
Trip Blanks	Soils	Volatiles	One per shipping cooler
Field Blanks	Soils	Volatiles	5%
Field Duplicates	Soils	Volatiles	5%
Matrix Spike and Matrix Spike Duplicates[1]	Soils	Volatiles	5%

[1] MS/MSD data will be reviewed internally by Laboratory QA personnel.
[2] USEPA Method 8021.

1.3.2.2 Equipment Blanks

Equipment blanks (also referred to as "rinsate blanks") help to determine whether the sampling equipment has contaminated the sample, and whether equipment decontamination has been adequately performed. Following decontamination procedures for a selected sample, an aliquot of organic-free deionized water will be used to wash down the equipment, and will be collected in the appropriate sample bottles. The organic-free water will be obtained from the selected laboratory. Equipment blanks will undergo the same analytical regimen as the field samples collected with that equipment.

1.3.2.3 Field Duplicates

A field duplicate sample is a second sample collected in the same manner and location as the first sample, and subjected to the same analytical tests. The samples for volatile organic compound analysis will be quickly placed into two sets of two 4 ounce VOA bottles, to minimize the loss of any volatile constituents which may be present.

1.3.3 Analytical Quality Control

The analytical quality control procedures described in the selected laboratory's Quality Assurance Program Manual will be followed for this project. Table 1 outlines the frequencies of QC sample analysis. Additional samples will be required from 5% of the

sample locations for matrix spike/matrix spike duplicate analysis. The results of the QC sample analyses will be reviewed internally by the laboratory's Quality Assurance personnel. Any resulting discrepancies or observed matrix interferences will be noted in the narratives accompanying the laboratory data.

1.3.4 Calibration

All laboratory instrumentation used in sample analysis will be calibrated before use as per the methods described in the selected laboratory's Quality Assurance Program Manual.