TEETER Environmental Services, Inc.

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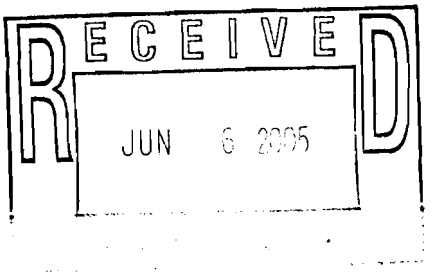
Phase II Environmental Site Assessment Report



PHASE II ENVIRONMENTAL SITE ASSESSMENT

Sugar Creek and Crystal Cleaners
343 West Pulteney Street
Corning, New York 14830

SUBMITTED TO:

Mr. Donald Stiker
12 Tuscarora Road
Addison, New York 14801
OR
5 PARK PLACE
ADDISON, N.Y. 14801

PREPARED BY:

Teeter Environmental Services, Inc.

David J. Teeter
President

May 25, 2005

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I. AUTHORIZATION

Teeter Environmental Services, Inc. was authorized by Mr. Donald Stiker, 12 Tuscarora Road, Addison, New York to perform a Phase II Environmental Site Assessment (ESA) of the property located at 343 West Pulteney Street, Corning, New York. Mr. Stiker owns the property and leases it to retail and commercial interests. The ESA was performed on April 21, 2005.

II. OBJECTIVE

The objective of the ESA was to determine if subsurface soil and groundwater were impacted with petroleum and solvent-type hydrocarbons originating from historical usage of property as a service station and a dry cleaning operation. Currently, a Sugar Creek convenience store and Crystal Cleaners occupy the site. Sugar Creek also retails gasoline and kerosene.

III. SCOPE OF WORK

The following tasks were performed:

- Completed six (6) soil borings to a maximum depth of 16 feet below ground surface using a Geoprobe® direct-push soil sampling rig.

- Obtained soil samples at continuous four (4) foot intervals, observed each for evidence of petroleum impact, characterized lithologically, screened for volatile organic compounds (VOC's) using an organic vapor meter (OVM), and containerized for potential laboratory analysis.

- Submitted groundwater samples from four (4) of the borings for laboratory analysis. Two (2) samples were analyzed for the New York State Department of Environmental Conservation (NYSDEC) short list of regulated compounds for gasoline releases using EPA Method 8260B, STARS list, two (2) samples were analyzed for the NYSDEC short list of regulated compound for fuel oil releases using EPA Method 8270C, STARS list, and two (2) samples were analyzed using EPA Method 8260B full list which includes chlorinated hydrocarbons.

- Prepared the following report of the findings.

IV. SITE DESCRIPTION

The site is located in a mixed commercial and residential area near the western boundary of the city of Corning, New York. The property is generally square with the north and west boundaries approximately 150 feet in length. The east property line is slightly longer.

One single story block building oriented east-west is located at the north end of the site. The building is 128 feet long and 40 feet wide and is separated into three sections to facilitate three tenants. The Sugar Creek convenience store occupies the west side of building. Crystal Cleaners dry cleaning operation is located to the east of Sugar Creek and the third and smaller section of the building at the east end is currently vacant. A laundromat most recently occupied that part of the building. Dry cleaning businesses have apparently been on-site since 1972.

A 6,000-gallon underground storage tank (UST) containing kerosene is located at the southwest corner of the building. The kerosene dispenser is also located at southwest corner off the pavement and up against the wall. The gasoline fuel dispensers are located near the center of the site beneath a free standing canopy. The area beneath the canopy is paved with concrete. Two 8,000-gallon UST's containing the gasoline are situated to the west of the dispensers. Other than beneath the canopy and the concrete protective pads over the UST's, most of the site is paved with asphalt. The area immediately west of the building is grass.

Adjacent properties include residences to the north, northeast, and northwest, Community Bank N.A. to the east across Cutler Avenue, Fazzary Wine & Liquor to southeast across West Pulteney Street, Ontario Carpet and Southern Glass Service to the southwest across West Pulteney Street, and Deck's Auto used car sales to the west across Townsend Avenue.

Refer to Figure 1 in Appendix A for a site map, Figure 2 for map of the area, and Figure 3 for an aerial photographic view of the site and surrounding properties.

V. METHODS OF INVESTIGATION

A. Soil Sampling and Analysis

Chambers Environmental Group, Inc., Bellefonte, Pennsylvania was contracted to perform the borings under the supervision of David Teeter of Teeter Environmental Services, Inc. The soil borings were completed using a Geoprobe® Model 540UD direct-push soil probing rig. Soil samples were obtained by advancing a two (2) inch diameter steel drive point attached to steel drive rods into the subsurface with a diesel-powered percussion hammer. At the desired depth, the point was retracted leaving a two (2) inch diameter open borehole. A two-inch diameter, 48-inch long hollow steel sampling tube with an acetate liner was then attached to the drive rods, set to the bottom of the borehole, and driven the length of the tube. After retrieving the soil core, the drive point was reinserted into the boring and advanced to the next desired sample depth.

Samples were obtained to maximum depth of 16 feet. All soil samples were observed for petroleum impact (sheen, discoloration, odor, etc.) and characterized lithologically. The samples were placed in airtight containers to allow vapors to accumulate in the headspace. The headspace was then screened for VOC's, expressed in parts per million (ppm), using a ThermoEnvironmental Model 580B organic vapor meter (OVM). Since groundwater was encountered and could be sampled, soil samples were not submitted for laboratory analysis.

Refer to Figure 1 in Appendix A for soil boring locations.

B. Groundwater Sampling and Analysis

Groundwater was obtained from temporary small diameter PVC wells installed in four of the boreholes. The samples were collected by inserting 3/8-inch tubing connected to a Geotech 2 peristaltic pump. Groundwater was pumped out of the wells for a short period of time to reduce turbidity. Samples were then containerized in 40-milliliter zero-headspace vials preserved with hydrochloric acid and packed in an ice-filled cooler. Samples from two borings were also contained one liter amber bottles. The samples were submitted to Eastern Laboratory Services Ltd., South Waverly, PA NYS Laboratory ID #11216) for analysis. Samples contained in the vials from two borings analyzed for the NYSDEC short list of regulated compounds for gasoline releases using EPA Method 8260B, STARS list and samples contained in the vials from two additional boring were analyzed using EPA Method 8260B full list which includes chlorinated hydrocarbons. The samples contained in the amber bottles were analyzed for NYSDEC short list of regulated compound for fuel oil releases using EPA Method 8270C, STARS list.

VI. RESULTS

A. General Hydrogeology

The site lies within the Chemung River valley at an approximate elevation of 930 feet above mean sea level. The area specific to the site is topographically flat with steep bedrock hills located about ¾-mile to the north and ¼-mile to the south. The Chemung River lies approximately 1,000 feet to the south of the site and flows to the east.

Based on characterization of soil samples from the six borings completed, five of which were advanced to 16 feet and one to 12 feet, surficial geology (unconsolidated material) varies somewhat throughout the site horizontally and vertically. In general, there are two prevailing soil mixtures: brown and reddish brown sand and rounded gravel with lesser amounts of silt and brown and reddish brown silt with lesser amounts of rounded gravel with little sand.

Clayey silt was evident in samples from some boring generally from a depth of 4 to 8 feet. The sand and gravel fractions were fairly loose while the predominantly silty soils were more dense. The site lies in a valley-fill aquifer system where much of the surficial geology consists of outwash sand and gravel deposited by receding glaciers. However, the observed characteristics of the soil samples, namely the silt content and poorly sorted coarser material intermixed suggest an alluvial (stream or river) depositional environment. This is understandable due to the site's proximity to the Chemung River which invariably has meandered throughout the last several thousand years. The clayey silt soils may even represent a lacustrine (lake, lagoon, or swamp) depositional environment where perhaps the river meandered a considerable distance from the site. Some organics (micro roots) were observed in samples from one boring. The roundness of the gravel, however, indicates that running water was responsible for most of the deposition of soils. The variability of grain sizes and matrices is common in glacial and allviual depositional environments.

Depth to groundwater as evidenced by the moisture content of the soil ranged from 10 to 12 feet in most borings. Direction of groundwater flow is almost certainly to the south or southeast toward and with the flow of the Chemung River. It is unusual for groundwater to flow against the direction of major flowing surface water. Horizontal and vertical groundwater flow velocity will likely vary as it will move more readily through the looser and coarser grained soils.

Bedrock was not encountered during the ESA to the maximum boring depth of 16 feet. Bedrock in the area consists of Upper Devonian age Gardeau Formation shales and siltstones of the West Falls Group (Rickard and Fisher, 1970).

Refer to Appendix B for subsurface logs containing lithologic characterization for each sample interval. A topographic map is included as Figure 4 in Appendix A.

B. Soil Quality

Six borings were completed throughout the site adjacent to and/or hydraulically downgradient of potential sources of contaminant releases including the UST's, fuel dispensers, and the dry cleaning shop. Boring locations are indicated on Figure 1 in Appendix A. The intent was to advance the borings until groundwater was encountered or until any contamination had been vertically delineated. In all, 23 soil samples were collected from borings advanced to a depth of 16 feet. Groundwater was generally encountered at a depth of approximately 10 to 12 feet.

No evidence of petroleum or solvent impact such as odor, sheen, discoloration, or separate phase product was observed in any of the samples. All OVM were zero (0) parts per million (ppm) indicating the lack of volatile or semi-volatile vapors in the unsaturated and saturated soils.

Because there was no evidence of contamination, no soil samples were submitted for laboratory analysis.

Refer to Table 1 for a summary of the sampling intervals, OVM readings, and observations.

Table 1

Field Screening and Observations

April 21, 2005

Boring ID	Sampling Interval (feet)	OVM Reading (ppm)	Observations
B1	0-4	0	No observed impact
	4-8	0	No observed impact
	8-12	0	No observed impact
	12-16	0	No observed impact
B2	0-4	0	No observed impact
	4-8	0	No observed impact
	8-12	0	No observed impact
	12-16	0	No observed impact
B3	0-4	0	No observed impact
	4-8	0	No observed impact
	8-12	0	No observed impact
	12-16	0	No observed impact
B4	0-4	0	No observed impact
	4-8	0	No observed impact
	8-12	0	No observed impact
	12-16	0	No observed impact
B5	0-4	0	No observed impact
	4-8	0	No observed impact
	8-12	0	No observed impact
	12-16	0	No observed impact
B6	0-4	0	No observed impact
	4-8	0	No observed impact
	8-12	0	No observed impact

C. Groundwater Quality

Groundwater samples were obtained from B1 near the kerosene UST, B3 downgradient of the gasoline UST's and adjacent to the gasoline dispensers, B4 downgradient of the gasoline dispensers, and B5 near and downgradient of Crystal Cleaners. B4 may also be considered downgradient of Crystal Cleaners. The samples from B1 and B3 were analyzed for the NYSDEC short list (STARS list) of volatile petroleum hydrocarbons which target compounds specifically regulated for gasoline releases.

The samples were also analyzed for the NYSDEC short list of semi-volatile petroleum hydrocarbons which target compounds specifically regulated for fuel oil and kerosene releases. Although B1 is hydraulically upgradient of the gasoline UST's, NYSDEC requires that samples tested for semi-volatiles also be analyzed for volatile hydrocarbons as there are some volatile constituents in fuel oils. Samples from B4 and B5 were analyzed for the full EPA Method 8260B compound list which includes chlorinated or solvent-type hydrocarbons. Two in particular, tetrachlorethene (PCE) and trichloroethene (TCE), have historically been used in the dry cleaning industry as primary cleaning agents.

As summarized in Table 2, naphthalene, toluene, and m,p-xylenes were detected in the sample from B1 at concentrations slightly above the applicable regulatory standards. Only naphthalene was detected in the sample from B3 at a concentration below the regulatory standard of 10 micrograms per liter (µg/l). Naphthalene was also evident in the sample from B4 at a level below the regulatory standard. Naphthalene is actually a semi-volatile hydrocarbon that is also a constituent of gasoline. PCE was detected in the sample from B5 at a concentration barely exceeding the regulatory standard of 5 micrograms per liter (µg/l). PCE was also found in the sample from B4 at higher concentration of 43.1 µg/l.

Table 2 contains the full EPA STARS list of target compounds. Since the complete EPA Method 8260B list includes over 60 compounds, only the detected chlorinated hydrocarbon is included in the table. Refer to Appendix C for a copy of the full analytical report which includes all target compounds. The detected hydrocarbon concentrations at each sampling point are illustrated on Figure 5 in Appendix A.

There were no semi-volatile hydrocarbons detected in either sample from B1 and B3 above the reporting limit of 10 µg/l, including naphthalene which also analyzed for the EPA 8270C method. All detections of naphthalene under the EPA 8260B method were below 10 µg/l with the exception of 29.7 µg/l in B1.

The analytical results for the semi-volatiles analysis are summarized in Table 3. A copy of the full laboratory report is included in Appendix C.

Table 2

Laboratory Analytical Summary
Volatile Hydrocarbons and MTBE in Groundwater
by EPA Method 8260B STARS and 8260B full list (µg/l)

April 21, 2005

Compound	B1	B3	B4*	B5*	NYSDEC Standard
Benzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	1
n-Butylbenzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
sec-Butylbenzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
Ethylbenzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
Isopropylbenzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
p-Isopropyltoluene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
n-Propylbenzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
Naphthalene	**29.7**	**9.3**	**5.8**	ND<5.00	10
Toluene	**6.2**	ND<5.00	ND<5.00	ND<5.00	5
1,2,4-Trimethylbenzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
1,3,5-Trimethylbenzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
m,p-Xylenes	**5.2**	ND<5.00	ND<5.00	ND<5.00	5
o-Xylene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
tert-Butylbenzene	ND<5.00	ND<5.00	ND<5.00	ND<5.00	5
MTBE	ND<5.00	ND<5.00	ND<5.00	ND<5.00	10
Total Detected	***41.1***	***9.3***	***48.9***	***7.0***	---
Tetrachloroethene (PCE)	ND<5.00	ND<5.00	**43.1**	**7.0**	5

*B1 and B3 analyzed using abbreviated compound list. B4 and B5 analyzed using full method compound list to include chlorinated hydrocarbons. Refer to the laboratory report for the complete list.

µg/l – micrograms per liter

ND – Not detected above the indicated reporting limit

Naphthalene is considered a semi-volatile compound

MTBE is a non-hydrocarbon gasoline additive

Table 3

Laboratory Analytical Summary
Semi-Volatile Aromatic Hydrocarbons in Groundwater
by EPA Method 8270C STARS (µg/l)

Compound	B1	B3	NYSDEC Standard
Naphthalene	ND<10.0	ND<10.0	10
Acenaphthene	ND<10.0	ND<10.0	20
Fluorene	ND<10.0	ND<10.0	50
Phenanthrene	ND<10.0	ND<10.0	50
Anthracene	ND<10.0	ND<10.0	50
Fluoranthene	ND<10.0	ND<10.0	50
Pyrene	ND<10.0	ND<10.0	50
Benzo(a)anthracene	ND<10.0	ND<10.0	0.002 or MDL
Chrysene	ND<10.0	ND<10.0	0.002 or MDL
Benzo (b) fluoranthene	ND<10.0	ND<10.0	0.002 or MDL
Benzo (k) fluoranthene	ND<10.0	ND<10.0	0.002 or MDL
Benzo (a) pyrene	ND<10.0	ND<10.0	0.002 or MDL
Indeno (1,2,3-cd) pyrene	ND<10.0	ND<10.0	0.002 or MDL
Dibenzo (a,h) anthracene	ND<10.0	ND<10.0	50
Benzo (g,h,i) perylene	ND<10.0	ND<10.0	0.002 or MDL
Total Detected	**ND**	**ND**	---

µg/l – micrograms per liter
ND – Not detected above the indicated reporting limit
MDL – Method detection limit

VII. SUMMARY and RECOMMENDATIONS

The Phase II ESA performed by Teeter Environmental Services, Inc. at 343 West Pulteney Street, Corning, New York yielded the following relevant information:

- The property is owned by Mr. Donald Stiker and is leased to parties operating businesses on-site. The single one-story building is divided into three sections with a Sugar Creek convenience store occupying the west part of the building and Crystal Cleaners, a dry cleaning operation, occupies the center section. The east portion of the building is currently vacant and was formerly used as a laundromat.

- Sugar Creek retails gasoline and kerosene. One (1) 6,000-gallon kerosene UST and two (2) 8,000-gallon gasoline UST's are located on-site. One kerosene dispenser is located adjacent to the kerosene tank. Gasoline fuel dispensers are situated near the center of the site under a free standing canopy.

- The site is located in a mixed residential and commercial area. There are no industrial operations adjacent to the site.

- Six (6) soil borings were advanced to a depth of 16 feet (12 feet in one boring) and were located near and hydraulically downgradient of potential sources of petroleum and chlorinated hydrocarbon releases including fuel dispensers, UST's, and the Crystal Cleaners facility. Four-foot soil core samples were obtained at continuous interval to the bottom of each borehole.

- Surficial geology varies horizontally and vertically and generally consists of brown and reddish brown gravelly silt with varying amounts of sand, sandy gravel with little silt, and clayey silt with some sand and gravel. The gravel is rounded and the variations in soil characteristics suggest an alluvial (river) depositional environment. The Chemung River is located approximately 1,000 feet south of the site.

- Depth to groundwater is approximately 10 to 12 feet below ground surface and most likely flows to the south or southeast toward the eastward flowing Chemung River.

- There was no evidence of petroleum or solvent impact such as odor, discoloration, sheen, or separate product in any of the soil samples. All OVM readings were zero (0) parts per million. As such, no soil samples were submitted for laboratory analysis.

- Groundwater samples from four (4) boring were submitted for laboratory analysis. Of the petroleum hydrocarbons, naphthalene was detected in samples from B1, B3, and B4. The concentration of 29.7 micrograms per liter (µg/l) in B1 was slightly above the regulatory standard of 10 µg/l. Xylenes and toluene were also detected in B1 at concentrations of 5.2 µg/l and 6.2 µg/l, respectively, barely exceeding the 5 µg/l standard.

- Groundwater samples from B4 and B5 were also analyzed for chlorinated hydrocarbons. Tetrachloroethene (PCE), commonly used in the dry cleaning industry, was detected at concentrations of 43.1 µg/l and 7.0 µg/l, respectively. The regulatory standard is 5 µg/l.

It is clear that mass contamination due to petroleum or solvent releases has not occurred at the site. The concentrations of detected compounds exceeding regulatory standards did not do so by a large margin. Nonetheless, because there were exceedences in the standards, it is required that the results of the ESA be submitted to NYSDEC. NYSDEC may require additional investigation. Otherwise, no additional action is recommended pending review by NYSDEC.

VIII. LIMITATIONS

This report is based on a limited number of soil and groundwater samples and chemical analyses. The conclusions presented in this report are based only on the observations made during this investigation.

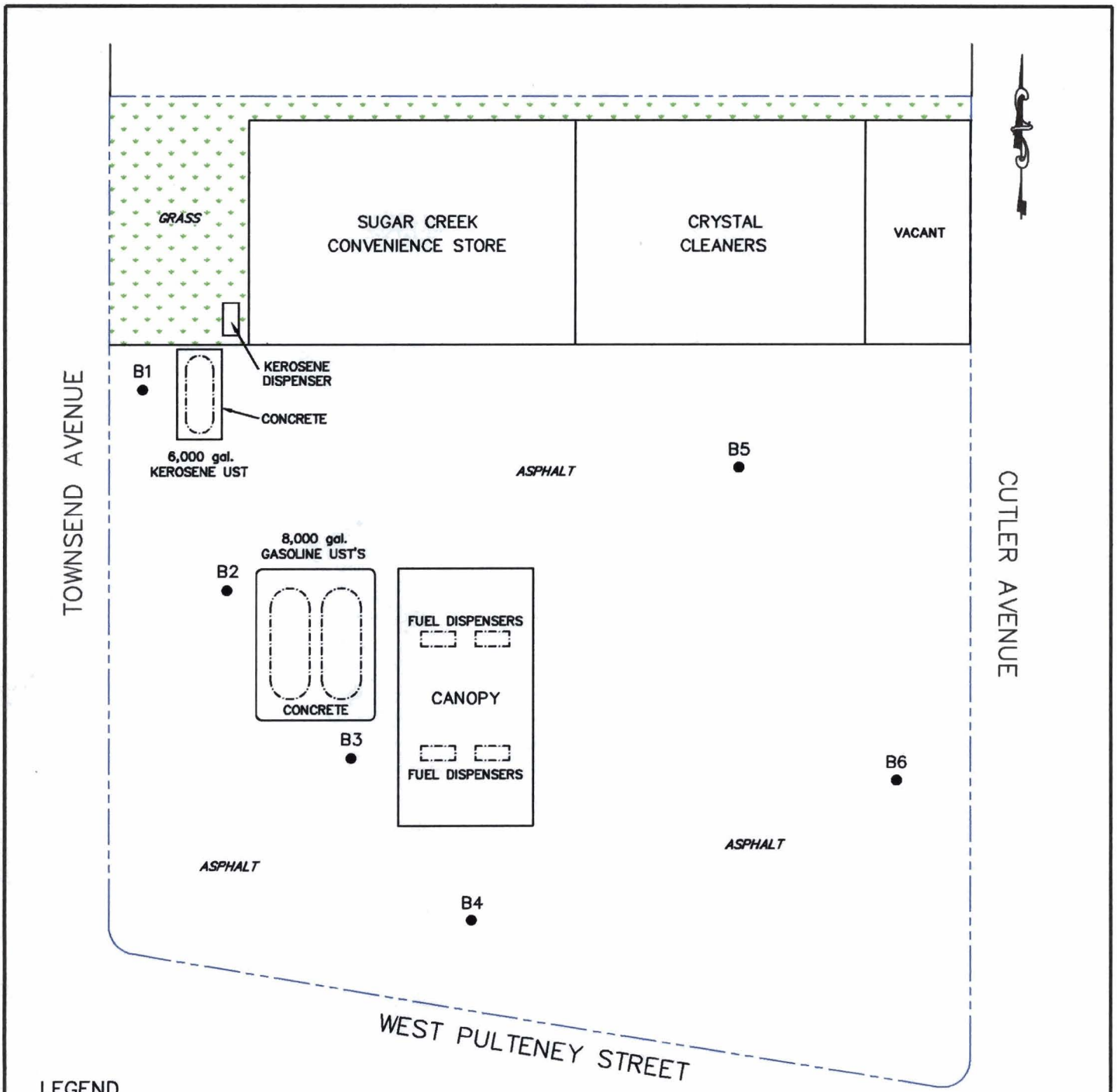
The report presents a description of the subsurface conditions observed at each boring location during this investigation. Conclusions and recommendations set forth are applicable only to the facts and conditions at the time of this investigation.

In performing professional services, Teeter Environmental uses the degree of care and skill exercised under similar circumstances by members of the environmental profession practicing in the same or similar locality under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered and not according to later standards. Teeter Environmental makes no express or implied warranty beyond its conformance to this standard.

Teeter Environmental shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed for this report. Teeter Environmental believes that all information contained in this report is factual, however no guarantee is made or implied.

APPENDIX A

FIGURES



LEGEND

- ● SOIL BORING
- ------ APPROX. PROPERTY LINE

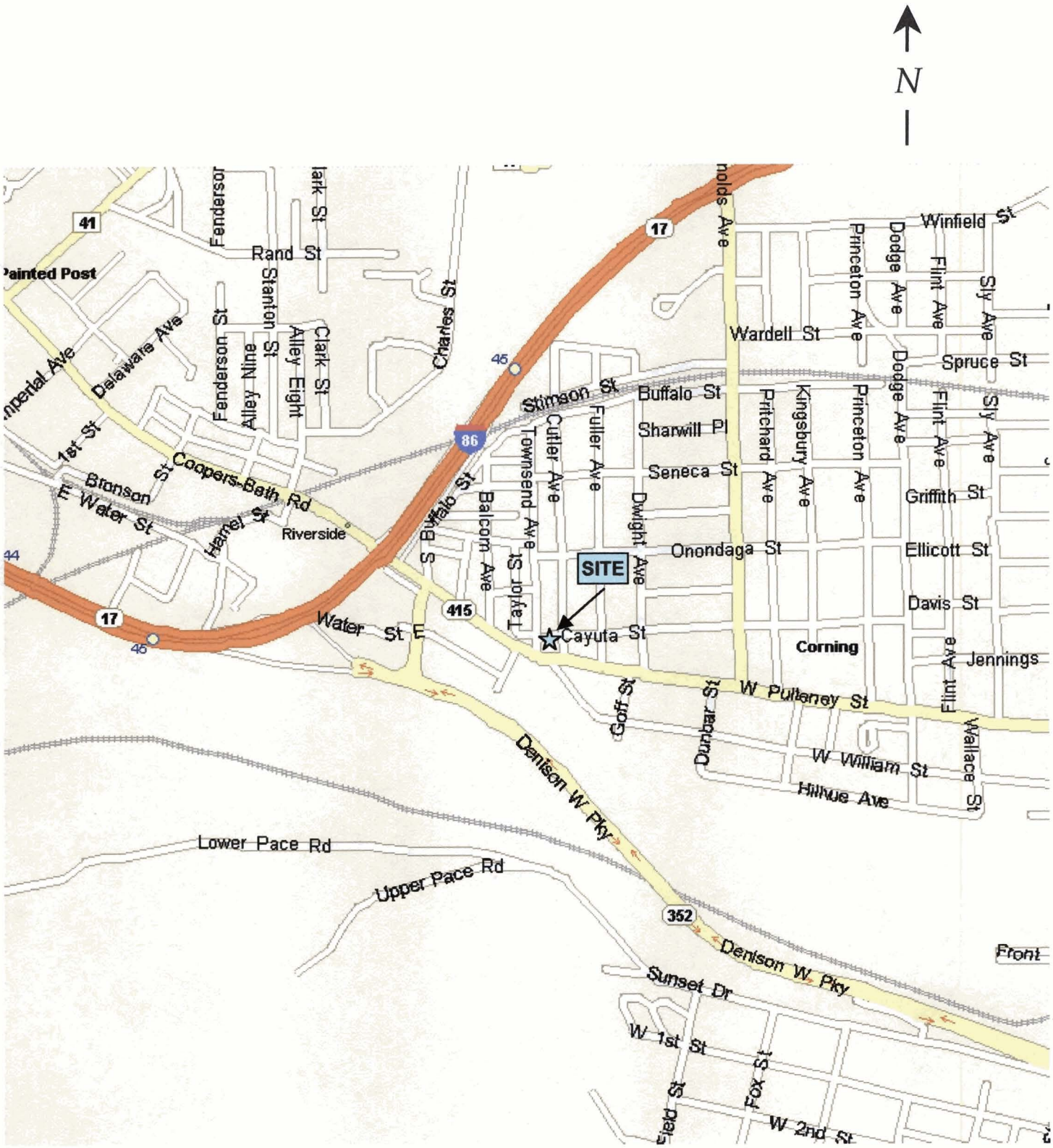
SCALE 1" = 25'	0 — 25	
DRAWN BY	C. Treese	5/25/05
CHECKED BY	D. Teeter	5/25/05
REVISED BY	C. Treese	5/25/05
APPROVED BY	D. Teeter	5/25/05

Teeter Environmental Services

SUGAR CREEK & CRYSTAL CLEANERS
343 WEST PULTENEY STREET
CORNING, NY 14830
prepared for:
MR. DONALD STIKER
12 TUSCARORA RD.
ADDISON, NY 14801

Figure 1

SITE MAP



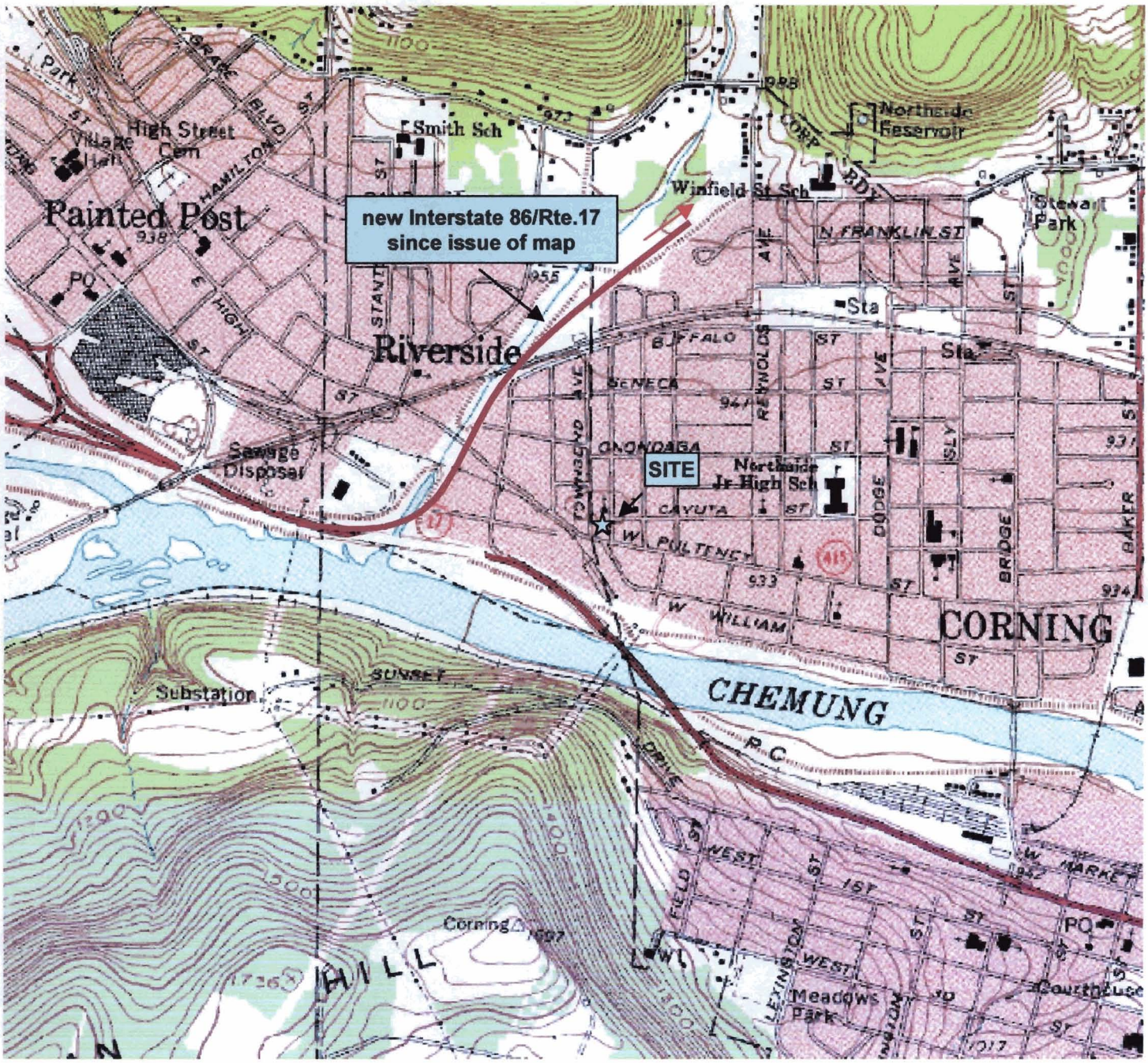
Phase II ESA
Sugar Creek and Crystal Cleaners
343 West Pulteney Street
Corning, NY 14830
April 21, 2005

Area Map
April 21, 2005
1 in = 990 ft

Phase II ESA
Sugar Creek and Crystal Cleaners
343 West Pulteney Street
Corning, NY 14830
April 21, 2005

Aerial View
April 16, 1995
1 in 280 ft

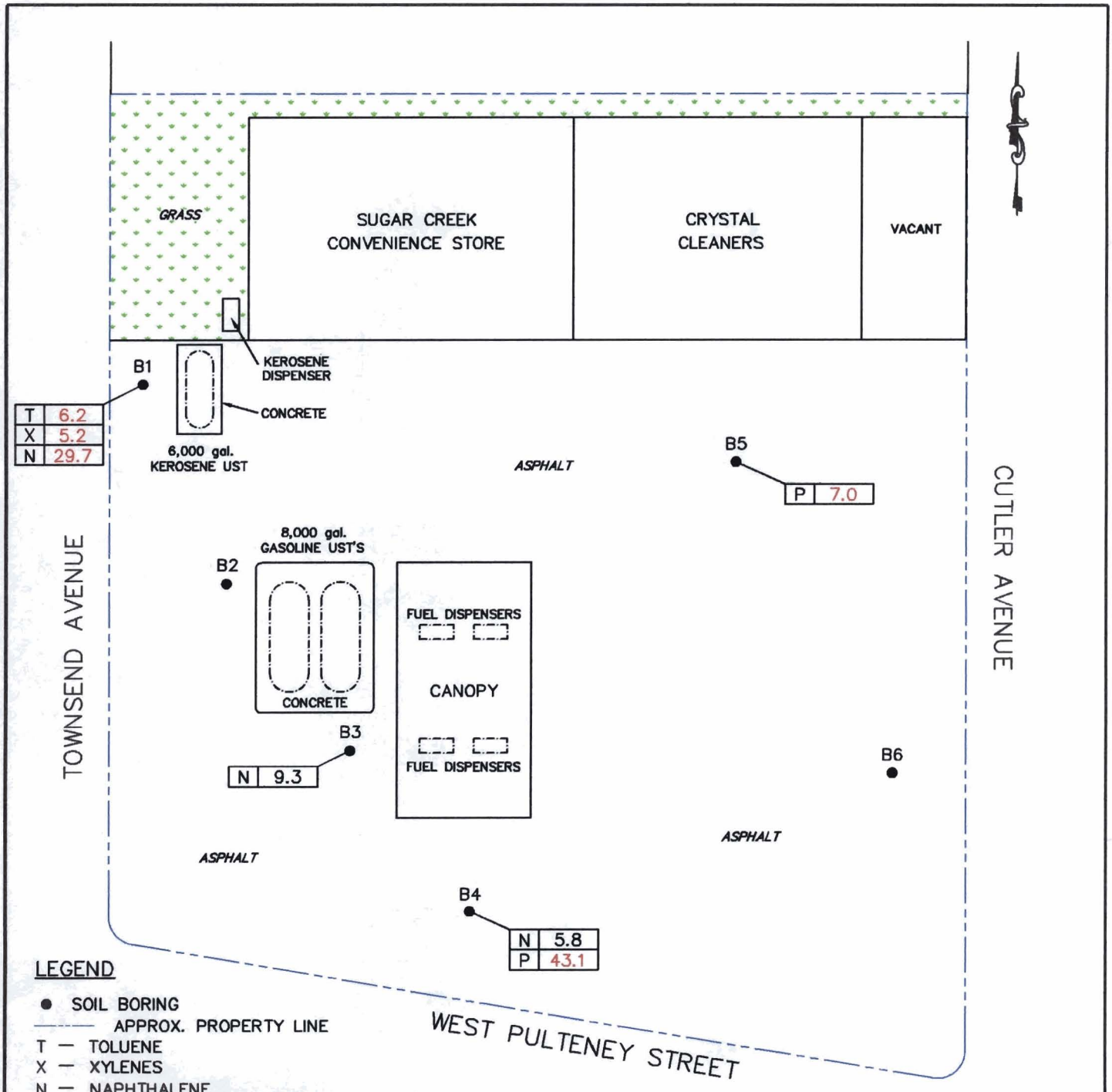
Adapted from USGS Series Topographic
Corning Quadrangle
1976



Phase II ESA
Sugar Creek and Crystal Cleaners
343 West Pulteney Street
Corning, NY 14830
April 21, 2005

Topographic Setting

1 in = 1,460 ft



SCALE 1" = 25'	0 — 25	
DRAWN BY	C. Treese	5/25/05
CHECKED BY	D. Teeter	5/25/05
REVISED BY	C. Treese	5/25/05
APPROVED BY	D. Teeter	5/25/05

Teeter Environmental Services

SUGAR CREEK & CRYSTAL CLEANERS
343 WEST PULTENEY STREET
CORNING, NY 14830
prepared for:
MR. DONALD STIKER
12 TUSCARORA RD.
ADDISON, NY 14801

Figure 5

CONTAMINANT CONCENTRATIONS in GROUNDWATER

APPENDIX B

SUBSURFACE LOGS

Teeter Environmental Services, Inc.

SUBSURFACE LOG

SITE LOCATION: Crystal Cleaners and Sugar Creek, 343 W. Pulteney Street, Corning, New York, 14830

CLIENT: Mr. Donald Stiker, 12 Tuscarora Road, Addison, New York 14801 WELL/BORING ID: **B1**

START DATE: April 21, 2005 COMPLETION DATE: April 21, 2005 RECORDED BY: Chris Treese

GROUNDWATER DEPTH WHILE DRILLING: ~7 feet GROUNDWATER DEPTH AFTER COMPLETION: NA

WEATHER CONDITIONS: Sunny, 53° DRILLING CONTRACTOR: Chambers Environmental Group

DRILL RIG: Geoprobe® 540UD DRILL SIZE & TYPE: 2" OD drive point DRILLER NAME(S): Keith Skow

Sample No.	OVM Reading (ppm)	Sample Interval (feet)	Sampler Type*	Recovery (inches)	Material Classification trace – 1-10% little – 11-20% some – 21-35% and – 36-50% f-fine m-medium c-coarse
1	0	0-4	MC	18	4" asphalt → 14" lt brown SILT and rounded fmc GRAVEL. Moist. No unusual odors.
2	0	4-8	MC	15	lt brown rounded fmc GRAVEL some SILT. Wet at ~7 feet. No unusual odors
3	0	8-12	MC	12	brown m SAND and rounded fmc GRAVEL little rounded c SAND. Wet. No unusual odors.
4	0	12-16	MC	15	brown rounded fmc GRAVEL and mc SAND. Saturated. No unusual odors.
					Boring terminated at 16 feet below ground surface.

NOTES: Groundwater sampled from borehole and submitted for laboratory analysis.

*MC – GEOPROBE MACROCORE SS – SPLIT SPOON DPSS – DIRECT PUSH SPLIT SPOON SH – SHELBY TUBE C – BEDROCK CORE

Teeter Environmental Services, Inc. SUBSURFACE LOG

SITE LOCATION: Crystal Cleaners and Sugar Creek, 343 W. Pulteney Street, Corning, New York, 14830

CLIENT: Mr. Donald Stiker, 12 Tuscarora Road, Addison, New York 14801 WELL/BORING ID: **B2**

START DATE: April 21, 2005 COMPLETION DATE: April 21, 2005 RECORDED BY: Chris Treese

GROUNDWATER DEPTH WHILE DRILLING: ~11 feet GROUNDWATER DEPTH AFTER COMPLETION: NA

WEATHER CONDITIONS: Sunny, 53° DRILLING CONTRACTOR: Chambers Environmental Group

DRILL RIG: Geoprobe® 540UD DRILL SIZE & TYPE: 2" OD drive point DRILLER NAME(S): Keith Skow

Sample No.	OVM Reading (ppm)	Sample Interval (feet)	Sampler Type*	Recovery (inches)	Material Classification trace – 1-10% little – 11-20% some – 21-35% and – 36-50% f-fine m-medium c-coarse
1	0	0-4	MC	6	4" asphalt → 2" rounded m gravel (PEA STONE FILL). Moist. No unusual odors.
2	0	4-8	MC	1	trace PEA STONE FILL.
3	0	8-12	MC	24	13" PEA STONE FILL → 11" reddish brown CLAYEY SILT and rounded mc GRAVEL trace fmc SAND. Saturated at ~11 feet. No unusual odors.
4	0	12-16	MC	8	brown SILT and rounded fmc GRAVEL. Saturated. No unusual odors.
					Boring terminated at 16 feet below ground surface.

NOTES

*MC – GEOPROBE MACROCORE SS – SPLIT SPOON DPSS – DIRECT PUSH SPLIT SPOON SH – SHELBY TUBE C – BEDROCK CORE

Teeter Environmental Services, Inc.

SUBSURFACE LOG

SITE LOCATION: Crystal Cleaners and Sugar Creek, 343 W. Pulteney Street, Corning, New York, 14830

CLIENT: Mr. Donald Stiker, 12 Tuscarora Road, Addison, New York 14801 WELL/BORING ID: **B3**

START DATE: April 21, 2005 COMPLETION DATE: April 21, 2005 RECORDED BY: Chris Treese

GROUNDWATER DEPTH WHILE DRILLING: ~10 feet GROUNDWATER DEPTH AFTER COMPLETION: NA

WEATHER CONDITIONS: Sunny, 55° DRILLING CONTRACTOR: Chambers Environmental Group

DRILL RIG: Geoprobe® 540UD DRILL SIZE & TYPE: 2" OD drive point DRILLER NAME(S): Keith Skow

Sample No.	OVM Reading (ppm)	Sample Interval (feet)	Sampler Type*	Recovery (inches)	Material Classification trace – 1-10% little – 11-20% some – 21-35% and – 36-50% f-fine m-medium c-coarse
1	0	0-4	MC	25	4" asphalt → 8" gray silt, sand, f gravel, brick fragments (FILL) → 13" reddish brown f SAND and rounded fm GRAVEL little SILT. Moist. No unusual odors.
2	0	4-8	MC	17	brown f SAND and SILT some rounded fm GRAVEL little rounded mc SAND. Moist. No unusual odors.
3	0	8-12	MC	22	reddish brown moderately dense CLAYEY SILT and rounded fm GRAVEL little rounded c GRAVEL and c SAND. Saturated at ~10 feet. No unusual odors.
4	0	12-16	MC	10	3" lt brown soft CLAY → 7" brown m SAND little rounded c SAND and f GRAVEL. Wet. No unusual odors.
					Boring terminated at 16 feet below ground surface.

NOTES: Groundwater sampled from borehole and submitted for laboratory analysis.

*MC – GEOPROBE MACROCORE SS – SPLIT SPOON DPSS – DIRECT PUSH SPLIT SPOON SH – SHELBY TUBE C – BEDROCK CORE

Teeter Environmental Services, Inc.

SUBSURFACE LOG

SITE LOCATION: Crystal Cleaners and Sugar Creek, 343 W. Pulteney Street, Corning, New York, 14830

CLIENT: Mr. Donald Stiker, 12 Tuscarora Road, Addison, New York 14801 WELL/BORING ID: **B4**

START DATE: April 21, 2005 COMPLETION DATE: April 21, 2005 RECORDED BY: Chris Treese

GROUNDWATER DEPTH WHILE DRILLING: ~12 feet GROUNDWATER DEPTH AFTER COMPLETION: NA

WEATHER CONDITIONS: Sunny, 55° DRILLING CONTRACTOR: Chambers Environmental Group

DRILL RIG: Geoprobe® 540UD DRILL SIZE & TYPE: 2" OD drive point DRILLER NAME(S): Keith Skow

Sample No.	OVM Reading (ppm)	Sample Interval (feet)	Sampler Type*	Recovery (inches)	Material Classification trace – 1-10% little – 11-20% some – 21-35% and – 36-50% f-fine m-medium c-coarse
1	0	0-4	MC	31	5" asphalt → 26" dk brown and black silt, sand f gravel, brick fragments (FILL). Moist. No unusual odors.
2	0	4-8	MC	48	5" similar material → 4" dk brown SILT trace CLAY and ORGANICS (micro plant roots) → 39" lt brown moderately dense SILT little grayish and greenish CLAY streaking and mottling. Moist. No unusual odors.
3	0	8-12	MC	21	6" similar soils → 15" dk brown CLAYEY SILT and rounded fmc GRAVEL little fmc SAND. Moist. No unusual odors.
4	0	12-16	MC	15	9" similar soils → 6" dk brown and reddish silt and f SAND some rounded fm GRAVEL. Saturated. No unusual odors.
					Boring terminated at 16 feet below ground surface.

NOTES: Groundwater sampled from borehole and submitted for laboratory analysis.

*MC – GEOPROBE MACROCORE SS – SPLIT SPOON DPSS – DIRECT PUSH SPLIT SPOON SH – SHELBY TUBE C – BEDROCK CORE

Teeter Environmental Services, Inc. SUBSURFACE LOG

SITE LOCATION: Crystal Cleaners and Sugar Creek, 343 W. Pulteney Street, Corning, New York, 14830

CLIENT: Mr. Donald Stiker, 12 Tuscarora Road, Addison, New York 14801 WELL/BORING ID: **B5**

START DATE: April 21, 2005 COMPLETION DATE: April 21, 2005 RECORDED BY: Chris Treese

GROUNDWATER DEPTH WHILE DRILLING: ~12 feet GROUNDWATER DEPTH AFTER COMPLETION: NA

WEATHER CONDITIONS: Sunny, 57° DRILLING CONTRACTOR: Chambers Environmental Group

DRILL RIG: Geoprobe® 540UD DRILL SIZE & TYPE: 2" OD drive point DRILLER NAME(S): Keith Skow

Sample No.	OVM Reading (ppm)	Sample Interval (feet)	Sampler Type*	Recovery (inches)	Material Classification trace – 1-10% little – 11-20% some – 21-35% and – 36-50% f-fine m-medium c-coarse
1	0	0-4	MC	14	4" asphalt → 3" gravel ballast → 7" silt, sand, gravel (FILL). Moist. No unusual odors.
2	0	4-8	MC	15	reddish and dk brown CLAYEY SILT and rounded fm GRAVEL little fmc SAND. Moist. No unusual odors.
3	0	8-12	MC	16	reddish and dk brown SILT and rounded fmc GRAVEL. Moist. No unusual odors.
4	0	12-16	MC	6	6" similar soils. Saturated. No unusual odors.
					Boring terminated at 16 feet below ground surface.

NOTES: Groundwater sampled from borehole and submitted for laboratory analysis.

*MC – GEOPROBE MACROCORE SS – SPLIT SPOON DPSS – DIRECT PUSH SPLIT SPOON SH – SHELBY TUBE C – BEDROCK CORE

Teeter Environmental Services, Inc.

SUBSURFACE LOG

SITE LOCATION: Crystal Cleaners and Sugar Creek, 343 W. Pulteney Street, Corning, New York, 14830

CLIENT: Mr. Donald Stiker, 12 Tuscarora Road, Addison, New York 14801 WELL/BORING ID: **B6**

START DATE: April 21, 2005 COMPLETION DATE: April 21, 2005 RECORDED BY: Chris Treese

GROUNDWATER DEPTH WHILE DRILLING: ~11 feet GROUNDWATER DEPTH AFTER COMPLETION: NA

WEATHER CONDITIONS: Sunny, 57° DRILLING CONTRACTOR: Chambers Environmental Group

DRILL RIG: Geoprobe® 540UD DRILL SIZE & TYPE: 2" OD drive point DRILLER NAME(S): Keith Skow

Sample No.	OVM Reading (ppm)	Sample Interval (feet)	Sampler Type*	Recovery (inches)	Material Classification trace – 1-10% little – 11-20% some – 21-35% and – 36-50% f-fine m-medium c-coarse
1	0	0-4	MC	18	5" asphalt → 13" dk brown and black silt, sand, gravel, brick fragments (FILL). Moist. No unusual odors.
2	0	4-8	MC	15	reddish brown dense CLAYEY SILT and angular to rounded fmc GRAVEL little fmc SAND. Moist. No unusual odors.
3	0	8-12	MC	16	brown m SAND and rounded fm GRAVEL little SILT. Wet at ~11 feet. No unusual odors.
					Boring terminated at 12 feet below ground surface.

NOTES

*MC – GEOPROBE MACROCORE SS – SPLIT SPOON DPSS – DIRECT PUSH SPLIT SPOON SH – SHELBY TUBE C – BEDROCK CORE

APPENDIX C

LABORATORY REPORT

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ENVIRONMENTAL
390 N. Pennsylvania Ave.
South Waverly, PA 18840-2826
Phone (570) 888-0169
FAX (570) 888-0717

Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-1
5D22102-01 (Ground Water)

Date Sampled: 04/21/05 10:00
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8260B Volatile Organic Compounds								
Benzene	<5.0	5.0	ug/l	04/26/05 00:00	04/26/05 00:00	SW846/8260B	CY	
n-Butylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
sec-Butylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Ethylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Isopropylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
p-Isopropyltoluene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Naphthalene	29.7	5.0	ug/l	04/26/05 00:00	"	"	CY	LCCV
n-Propylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Toluene	6.2	5.0	ug/l	04/26/05 00:00	"	"	CY	
1,2,4-Trimethylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
1,3,5-Trimethylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
m,p-Xylene	5.2	5.0	ug/l	04/26/05 00:00	"	"	CY	
o-Xylene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Methyl tert-butyl ether	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
tert-Butylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*80-120*		"	"	CY	
Surrogate: Toluene-d8		*100 %*	*88-110*		"	"	CY	
Surrogate: Bromofluorobenzene		*88.0 %*	*86-115*		"	"	CY	
SW846/8270C Semivolatile Organic Compounds								
Naphthalene	<10.0	10.0	ug/l	04/28/05 00:00	04/28/05 00:00	SW-846/8270C	RJH	
Acenaphthylene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Acenaphthene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Fluorene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Phenanthrene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Anthracene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Fluoranthene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Pyrene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Benzo (a) anthracene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Chrysene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Benzo (b) fluoranthene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	

Eastern Laboratory Services, Ltd.

Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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FAX (570) 888-0717

Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-1
5D22102-01 (Ground Water)

Date Sampled: 04/21/05 10:00
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8270C Semivolatile Organic Compounds								
Benzo (k) fluoranthene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Benzo (a) pyrene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Indeno (1,2,3-cd) pyrene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Dibenz (a,h) anthracene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Benzo (g,h,i) perylene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Surrogate: Nitrobenzene-d5		*69.4 %*	*42-103*		"	"	RJH	
Surrogate: 2-Fluorobiphenyl		*66.8 %*	*44-104*		"	"	RJH	
Surrogate: p-Terphenyl-d14		*83.0 %*	*55-113*		"	"	RJH	

Qualifiers:

LCCV = Continuing Calibration Verification was below acceptance limits. Results may be biased low.

Eastern Laboratory Services, Ltd.

Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-3
5D22102-02 (Ground Water)

Date Sampled: 04/21/05 11:10
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8260B Volatile Organic Compounds								
Benzene	<5.0	5.0	ug/l	04/26/05 00:00	04/26/05 00:00	SW846/8260B	CY	
n-Butylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
sec-Butylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Ethylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Isopropylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
p-Isopropyltoluene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Naphthalene	9.3	5.0	ug/l	04/26/05 00:00	"	"	CY	LCCV
n-Propylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Toluene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
1,2,4-Trimethylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
1,3,5-Trimethylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
m,p-Xylene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
o-Xylene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Methyl tert-butyl ether	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
tert-Butylbenzene	<5.0	5.0	ug/l	04/26/05 00:00	"	"	CY	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*80-120*		"	"	CY	
Surrogate: Toluene-d8		*100 %*	*88-110*		"	"	CY	
Surrogate: Bromofluorobenzene		*87.6 %*	*86-115*		"	"	CY	
SW846/8270C Semivolatile Organic Compounds								
Naphthalene	<10.0	10.0	ug/l	04/28/05 00:00	04/28/05 00:00	SW-846/8270C	RJH	
Acenaphthylene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Acenaphthene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Fluorene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Phenanthrene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Anthracene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Fluoranthene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Pyrene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Benzo (a) anthracene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Chrysene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Benzo (b) fluoranthene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	

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Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-3
5D22102-02 (Ground Water)

Date Sampled: 04/21/05 11:10
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8270C Semivolatile Organic Compounds								
Benzo (k) fluoranthene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Benzo (a) pyrene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Indeno (1,2,3-cd) pyrene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Dibenz (a,h) anthracene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Benzo (g,h,i) perylene	<10.0	10.0	ug/l	04/28/05 00:00	"	"	RJH	
Surrogate: Nitrobenzene-d5		*68.7 %*	*42-103*		"	"	RJH	
Surrogate: 2-Fluorobiphenyl		*68.4 %*	*44-104*		"	"	RJH	
Surrogate: p-Terphenyl-d14		*84.6 %*	*55-113*		"	"	RJH	

Qualifiers:

LCCV = Continuing Calibration Verification was below acceptance limits. Results may be biased low.

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Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-4
5D22102-03 (Ground Water)

Date Sampled: 04/21/05 11:50
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8260B Volatile Organic Compounds								
Benzene	<5.00	5.00	ug/l	04/26/05 00:00	04/26/05 00:00	SW-846/8260B	CY	
Bromobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Bromochloromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Bromodichloromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Bromoform	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Bromomethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
n-Butylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
sec-Butylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
tert-Butylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Carbon tetrachloride	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Chlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Chloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Chloroform	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Chloromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
2-Chlorotoluene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
4-Chlorotoluene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Dibromochloromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Dibromomethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2-Dibromoethane (EDB)	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2-Dichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,3-Dichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,4-Dichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Dichlorodifluoromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1-Dichloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2-Dichloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1-Dichloroethene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
cis-1,2-Dichloroethene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
trans-1,2-Dichloroethene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	

Eastern Laboratory Services, Ltd.

Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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Phone (570) 888-0169
FAX (570) 888-0717

Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-4
5D22102-03 (Ground Water)

Date Sampled: 04/21/05 11:50
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8260B Volatile Organic Compounds								
1,2-Dichloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	SW-846/8260B	CY	
1,3-Dichloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
2,2-Dichloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1-Dichloropropene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
cis-1,3-Dichloropropene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
trans-1,3-Dichloropropene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Ethylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Hexachlorobutadiene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Isopropylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
p-Isopropyltoluene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Methylene chloride	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
n-Propylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Styrene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1,1,2-Tetrachloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1,2,2-Tetrachloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Tetrachloroethene	43.1	5.00	ug/l	04/26/05 00:00	"	"	CY	
Toluene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2,3-Trichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2,4-Trichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1,1-Trichloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1,2-Trichloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Trichloroethene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Trichlorofluoromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2,3-Trichloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2,4-Trimethylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,3,5-Trimethylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Vinyl chloride	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
o-Xylene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
m,p-Xylene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	

Eastern Laboratory Services, Ltd.

Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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Eastern Laboratory Services Ltd

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ENVIRONMENTAL
390 N. Pennsylvania Ave.
South Waverly, PA 18840-2826
Phone (570) 888-0169
FAX (570) 888-0717

Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-4
5D22102-03 (Ground Water)

Date Sampled: 04/21/05 11:50
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8260B Volatile Organic Compounds								
Naphthalene	5.80	5.00	ug/l	04/26/05 00:00	"	SW-846/8260B	CY	LCCV
Methyl tert-butyl ether	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*80-120*		"	"	CY	
Surrogate: Toluene-d8		*100 %*	*88-110*		"	"	CY	
Surrogate: Bromofluorobenzene		*87.6 %*	*86-115*		"	"	CY	

Qualifiers:

LCCV = Continuing Calibration Verification was below acceptance limits. Results may be biased low.

Eastern Laboratory Services, Ltd.

Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-5
5D22102-04 (Ground Water)

Date Sampled: 04/21/05 13:05
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8260B Volatile Organic Compounds								
Benzene	<5.00	5.00	ug/l	04/26/05 00:00	04/26/05 00:00	SW-846/8260B	CY	
Bromobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Bromochloromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Bromodichloromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Bromoform	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Bromomethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
n-Butylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
sec-Butylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
tert-Butylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Carbon tetrachloride	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Chlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Chloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Chloroform	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Chloromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
2-Chlorotoluene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
4-Chlorotoluene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Dibromochloromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Dibromomethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2-Dibromoethane (EDB)	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2-Dibromo-3-chloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2-Dichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,3-Dichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,4-Dichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Dichlorodifluoromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1-Dichloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2-Dichloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1-Dichloroethene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
cis-1,2-Dichloroethene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
trans-1,2-Dichloroethene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	

Eastern Laboratory Services, Ltd.

Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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Phone (570) 888-0169
FAX (570) 888-0717

Certificate of Analysis

Teeter Environmental	Project: Sugar Creek	
RD#1, Box 124B, Macafee Road	Project No: [none]	**Reported:**
Sayre PA, 18840	Project Manager: Dave Teeter	05/26/05 15:34

B-5
5D22102-04 (Ground Water)

Date Sampled: 04/21/05 13:05
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8260B Volatile Organic Compounds								
1,2-Dichloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	SW-846/8260B	CY	
1,3-Dichloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
2,2-Dichloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1-Dichloropropene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
cis-1,3-Dichloropropene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
trans-1,3-Dichloropropene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Ethylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Hexachlorobutadiene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Isopropylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
p-Isopropyltoluene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Methylene chloride	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
n-Propylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Styrene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1,1,2-Tetrachloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1,2,2-Tetrachloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Tetrachloroethene	7.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Toluene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2,3-Trichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2,4-Trichlorobenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1,1-Trichloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,1,2-Trichloroethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Trichloroethene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Trichlorofluoromethane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2,3-Trichloropropane	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,2,4-Trimethylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
1,3,5-Trimethylbenzene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Vinyl chloride	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
o-Xylene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
m,p-Xylene	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	

Eastern Laboratory Services, Ltd.

Barbara Hohman

Reviewed by Barbara Hohman, QA Manager

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ELS Ltd
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Certificate of Analysis

Teeter Environmental RD#1, Box 124B, Macafee Road Sayre PA, 18840	Project: Sugar Creek Project No: [none] Project Manager: Dave Teeter	**Reported:** 05/26/05 15:34

B-5
5D22102-04 (Ground Water)

Date Sampled: 04/21/05 13:05
Date Received: 04/21/05 17:05

Analyte	Result	Detection Limit	Units	Prepared	Analyzed	Method	Analyst	Notes
SW846/8260B Volatile Organic Compounds								
Naphthalene	<5.00	5.00	ug/l	04/26/05 00:00	"	SW-846/8260B	CY	LCCV
Methyl tert-butyl ether	<5.00	5.00	ug/l	04/26/05 00:00	"	"	CY	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*80-120*		"	"	CY	
Surrogate: Toluene-d8		*99.2 %*	*88-110*		"	"	CY	
Surrogate: Bromofluorobenzene		*86.6 %*	*86-115*		"	"	CY	

Qualifiers:

LCCV = Continuing Calibration Verification was below acceptance limits. Results may be biased low.

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Barbara Hohman

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CHAIN OF CUSTODY

Eastern Laboratory Services, Ltd.
390 N. Pennsylvania Avenue • S. Waverly, PA 18840
Phone: (570) 888-0169

ELS Ltd
Eastern Laboratory Services Ltd

REPORT TO:	TES Inc
CONTACT	
PH. #	
FAX #	
BILL TO:	TES Inc
PO#	
PROJECT DESCRIPTION	Sykes Creek
SAMPLER SIGNATURE / AFFILIATION	TES Inc

REFRIGERATE SAMPLES AFTER COLLECTION.

TRANSPORT TO LABORATORY IN COOLER WITH ICE

DW DRINKING WATER · GW GROUND WATER · SW SURFCE WATER · WW WASTE WATER · SL SLUDGE · SO SOIL · HZ HAZARDOUS · OTHER

P PLASTIC · G CLEAR GLASS · AG AMBER GLASS

H HYDROCHLORIC ACID · S SULFURIC ACID · N NITRIC ACID · SO_3 SODUIM SULFITE · Thio SODIUM THIOSULFATE · OH SODIUM HYDROXIDE · AS ASCORBIC ACID · AC ACETIC ACID · NH_4 AMMONIUM CHLORIDE · ZN ZINC ACETATE · Hg MERCURIC CHLORIDE

RESULTS ARE BEING USED FOR:
NYDOH (NYDEC) PADEP
LANDFILL _____
PERSONAL OTHER _____

ARE SPECIAL DETECTION LIMITS NEEDED: YES (NO)
IF YES PLEASE ATTACH

IS A QC PACKAGE NEEDED?
YES (NO)
IF YES PLEASE ATTACH REQUIREMENTS

Please fill out all applicable areas completely

#	CONTAINER	SAMPLING POINT	DATE SAMPLED	TIME OF SAMPLING	SAMPLE MATRIX	SAMPLE TYPE - GRAB / COMPOSITE	SAMPLER (INITIALS)	CONTAINER TYPE	CONTAINER SIZE	PRESERVATIVE	ANALYSIS TO BE PERFORMED (PER CONTAINER) AB / C	COMPOSITED ON RECEIPT	PRESERVATIVE ADDED ON RECEIPT	ELS USE ONLY
1	B-1		4/21/05	1000	GW	G	DT	G	40 ml	HCl	8260 STARS / 8270 STARS			5D22102-01A-I
2	B-3			1110							" / "			-02A-I
3	B-4			1150							8260 Full List			-03A-I
4	B-5			105										-04A-I
5														
6														
7														
8														
9														
10											Due 5/6/05			

ELS USE ONLY

DELIVERED BY DT

TEMPERATURE UPON RECEIPT 4

1. SAMPLES WERE: SHIPPED / (HAND DELIVERED)
2. CONTAINERS INTACT: (Y) N
3. COC COMPLETE: (Y) N
4. PROPERLY PRESERVED: (Y) N
5. WITHIN HOLDING TIMES: (Y) N
6. LABELS MATCH COC: (Y) N
7. TRIP BLANKS: Y N

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
	/ /			/ /	
[signature]	4/21/05		Debbie McCarty	4/21 05	1705
				4/22/05	11:28