

June 30, 1994



JUL 05 1994

New England Telephone

A **NYNEX** Company

125 High Street
Boston, Massachusetts 02110

Environmental Affairs

State of Vermont
Agency of Natural Resources
Hazardous Materials Management Division
103 South Main Street
West Building
Waterbury, Vermont 05671
Attn: Mr. Matt Germon

RE: Additional Environmental Investigations
NYNEX Facilities: 126 Pleasant St., Bennington

Dear Mr. Germon

Attached is a copy of the Additional Environmental Investigation Report summarizing the work requested for the above referenced sites. The Investigations were conducted by RESNA Industries in accordance with the requirements of the Vermont Agency of Natural Resources (VTANR) letter dated March 7, 1994. The purpose of the additional investigations was to more clearly define the extent and degree of petroleum contamination at this site and determine if there has been a release or if there is a threat of a release of oil and/or hazardous materials to the environment at these sites.

Attached is a copy of the report, dated June 22, 1994, summarizing RESNA's findings for the above referenced site.

If any additional information is required, I can be contacted at NYNEX, Attn. Peter P. Burnell, 125 High Street Room 1006, Boston MA 02110 or by calling (617) 743-1436.

Sincerely,

Peter P. Burnell
Project Manager

cc: Andrew Bakinowski, RESNA



NYNEX Recycles

82 South Street
Hopkinton, MA 01748
Phone # (508) 435-3400
FAX # (508) 435-3407

June 22, 1994
RESNA 310040.02

Mr. Peter Burnell
NYNEX
125 High Street, Room 1006
Boston, Massachusetts 02110

Subject: Letter Report for Hand Auger Borings and Soil Sampling at NYNEX Facility,
126 Pleasant Street, Bennington, Vermont.

Dear Mr. Burnell:

RESNA Industries, Inc. (RESNA) completed soil sampling and soil analysis at the NYNEX facility located at 126 Pleasant Street in Bennington, Vermont (the Site) (Plate 1). The work was requested by the Vermont Agency of Natural Resources (VTANR) on March 7, 1994 to supplement the investigation completed by RESNA in October 1993. A copy of the correspondence from the State of Vermont is attached. The VTANR Sites Management Section requested that additional investigation be completed, specifically in the area downgradient of the 5,000 fuel oil underground storage tank (UST) which had been abandoned in place.

Site constraints included overhead and underground utilities but also the area around the 5,000 gallon UST was elevated above the surrounding parking lot and sidewalk area, limiting access by a truck mounted drill rig. In order to meet the objective of the VTANR of collecting soil samples from the area downgradient of the UST, hand auger borings were completed. Two soil borings were completed and two soil samples were collected downgradient of the UST near the 5,000 gallon #2 fuel oil tank. The location of the hand auger borings are depicted in on **Plate 2**.

Two hand auger borings, S-5-A and S-5-B, were advanced to depths of 5 feet, 6 inches and 5 feet, 2 inches, respectively. Borings were terminated at hand auger refusal or when the hole would not remain open; boring logs are attached. Soil was screened with a photoionization detector (PID) throughout the hand auger boring as soil was recovered. The last sample recovered from the bottom of each boring was submitted for laboratory analysis by EPA Method 8020. The following are the significant findings related to the soil sampling.

- Soil from borings A and B did not show any signs of visible hydrocarbon contamination.
- PID readings were zero parts per million (non-detect) for the soil recovered from each boring and no odors were detected.
- Soil samples results were all below the method detection limit of 10 microgram per kilogram ($\mu\text{g}/\text{kg}$) for the analysis EPA Method 8020. The soil analytical results are summarized in **Table 1**.
- Groundwater was not encountered.

Based on the findings of our the soil sampling, RESNA concludes and recommends the following:

- (i) RESNA anticipates that the Site will be reviewed by the Vermont Agency of Natural Resources as a No Further Action (NFA) necessary for the Site due to the following findings of this investigation:
 - the sources of the contamination (1,500-gallon diesel UST) has been removed and the 5,000 gallon #2 fuel-oil has been pumped of all its contents, cleaned and filled with a concrete mixture and abandoned in place;
 - no volatile organic compounds were detected in the two soil samples

collected from the bottom of the hand auger boring;

- the Site is not proximate to any drinking water supplies, and
 - the sources of any potential contamination has been removed or abandoned in place.
- (ii) Submit this report to the Vermont Agency of Natural Resources, Hazardous Materials Management Division, 103 South Main Street, West Building, Waterbury, Vermont, 05671 to the attention of Matt Germon.

RESNA would be pleased to discuss our report and recommendations with you at your convenience. Please call if you have any questions.

Sincerely,
RESNA Industries Inc.



Andrew W. Bakinowski
Senior Project Manager

Attachments

TABLE 1: Results of Laboratory Analysis of Soil Samples

PLATE 1: Site Location Map

PLATE 2: Soil Boring Location Map

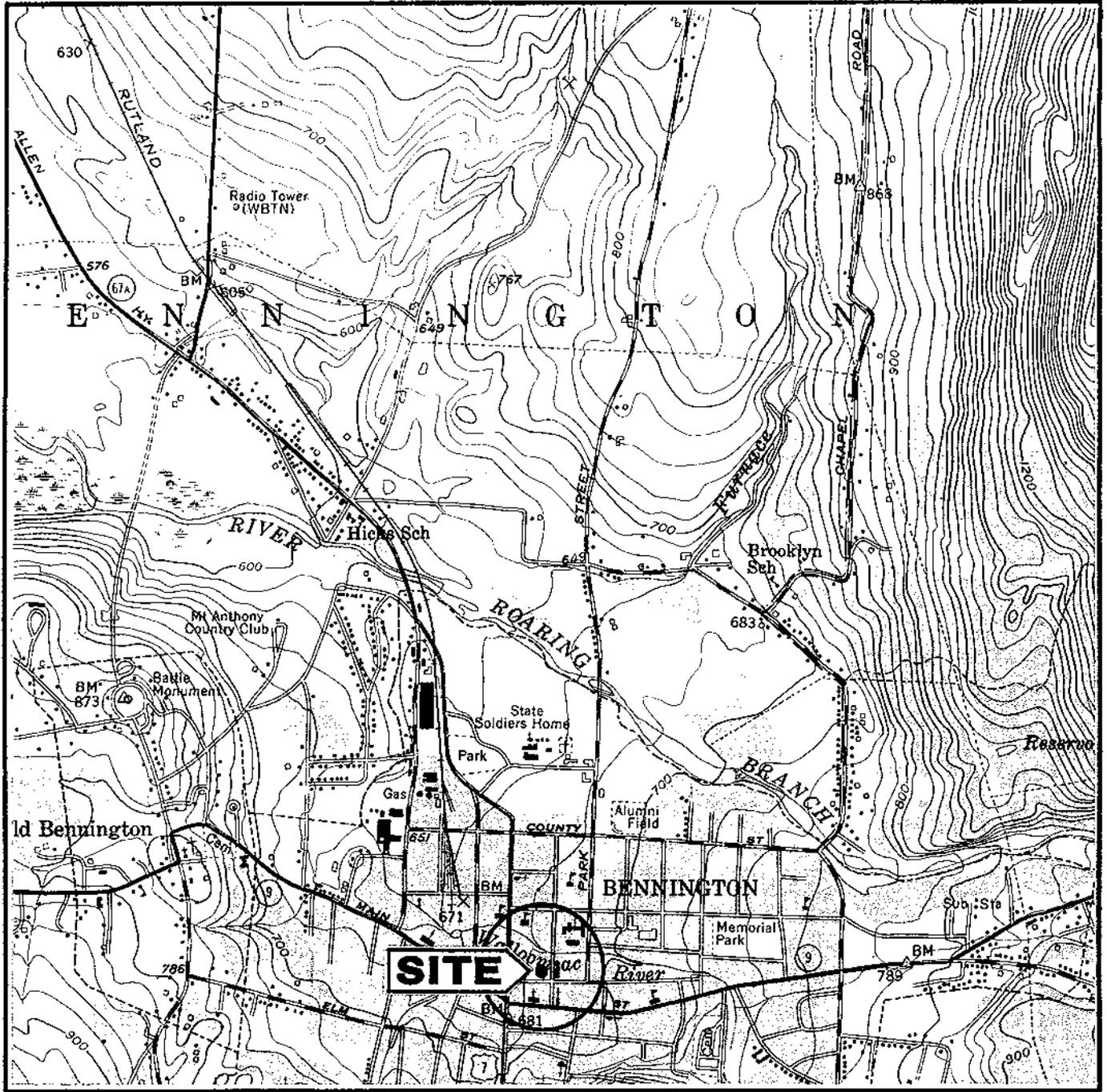
Borings Logs from S-5-A and S-5-B
State of Vermont Letter, March 7, 1994
Laboratory Certificates of Analysis

TABLE 1
RESULTS OF LABORATORY ANALYSIS OF
SOIL SAMPLES
New England Telephone
126 Pleasant Street
Bennington, Vermont

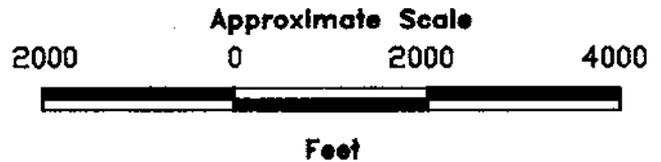
Sample Id.	S-5-A	S-5-B
Benzene	< 10	< 10
Toluene	< 10	< 10
Ethylbenzene	< 10	< 10
Xylenes	< 10	< 10

Results are reported in microgram per kilogram ($\mu\text{g}/\text{kg}$) = parts per billion (ppb). Soil samples were collected on May 27, 1994.
Sample designation: S-5-A

┌─── Soil sample number
└─── Sample depth in feet below grade
 └─── Soil sample



Source: U.S. Geological Survey
7.5 Minute Quadrangle
Bennington, Vermont



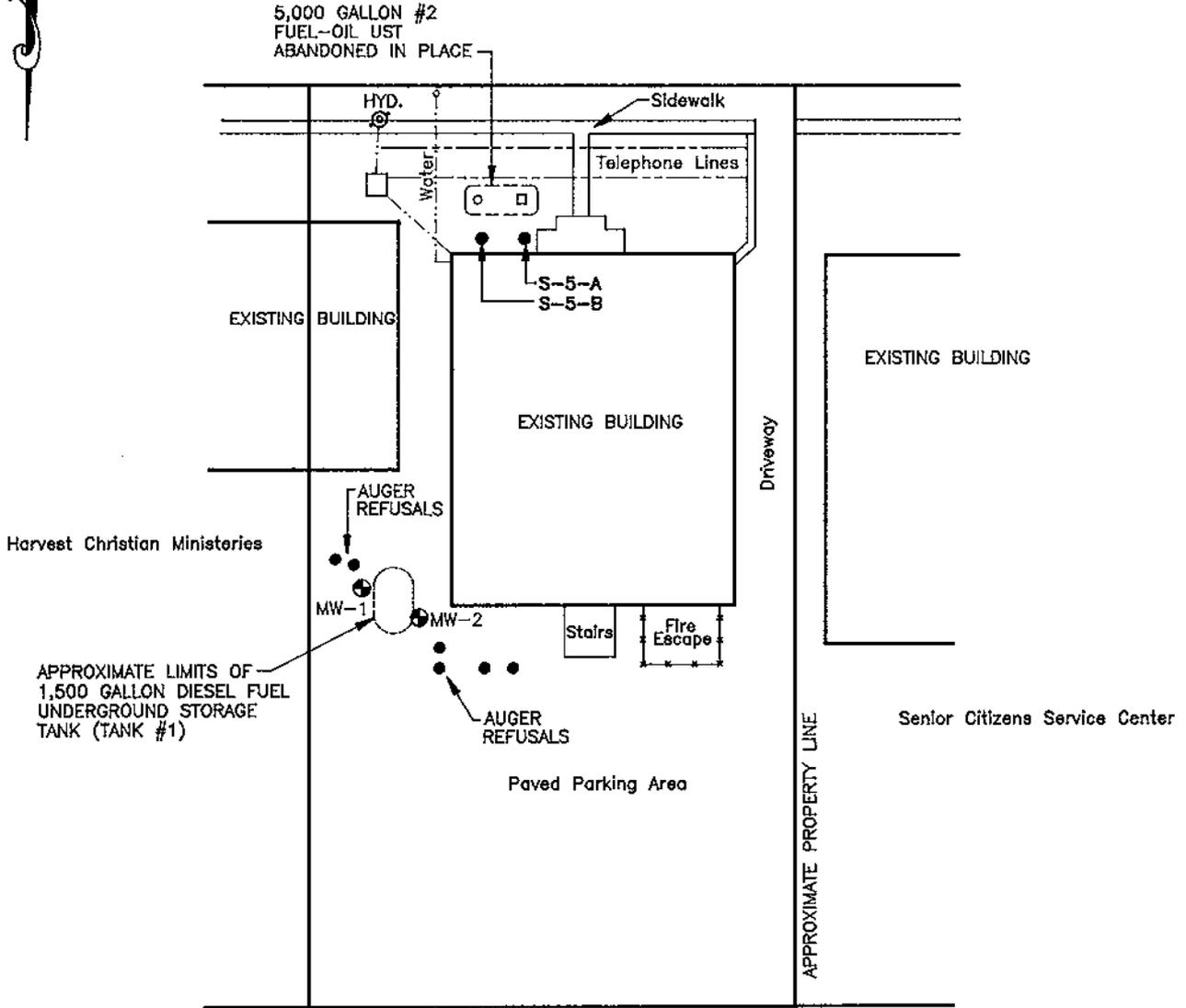
RESNA
Working To Restore Nature
PROJECT NO. 310040.01

SITE LOCATION MAP
New England Telephone
126 Pleasant Street
Bennington, Vermont

PLATE
1



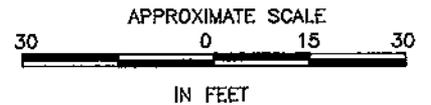
PLEASANT STREET



Bennington Housing Authority

EXPLANATION

- ⊕ Monitoring well
- Auger refusal due to competent bedrock encountered at depths 2 to 4 feet below surface grade
- Hand augered soil borings



PROJECT NO. 310040.02

SOIL BORING LOCATION MAP
 NYNEX
 126 Pleasant Street
 Bennington, Vermont

PLATE
 2

RESNA Industries Inc. Working to Restore Nature	Log of Boring S-5-A
PROJECT: NYNEX	LOCATION: 126 Pleasant Street, Bennington, Vermont
PROJECT NO.: 310040.02	SURFACE ELEVATION: NA ft. MSL
DATE STARTED: 05/27/94	INITIAL H2o LEVEL: NA ft. TOC
DATE FINISHED: 05/27/94	FINAL H2o LEVEL: NA ft. TOC
DRILLING METHOD: Hand Auger	TOTAL DEPTH: NA Feet
DRILLING COMPANY: NA	GEOLOGIST/DRILLER: R. Adair

DEPTH feet	SAMPLE NO.	BLOWS/FT.	PID (ppm)		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
			VALUES	PROFILE				
			0	150			Grass/root mass/loam, dark brown, damp.	
1			0				Sandy SILT with gravel, brown, damp.	
2			0				Sandy GRAVEL with some silt, brown, damp.	
3			0				GRAVEL layer (approximately 3 inches)	
4			0				Fine- to coarse-SAND with silt, brown, damp.	
5	S-5A		0				Boring terminated at 5 feet 6 inches, hand auger to refusal.	
6								

RESNA Industries Inc.
Working to Restore Nature

Log of Boring S-5-B

PROJECT: NYNEX

LOCATION: 126 Pleasant Street, Bennington, Vermont

PROJECT NO.: 310040.02

SURFACE ELEVATION: NA ft. MSL

DATE STARTED: 05/27/94

INITIAL H₂O LEVEL: NA ft. TOC

DATE FINISHED: 05/27/94

FINAL H₂O LEVEL: NA ft. TOC

DRILLING METHOD: Hand Auger

TOTAL DEPTH: NA Feet

DRILLING COMPANY: NA

GEOLOGIST/DRILLER: R. Adair

DEPTH feet	SAMPLE NO.	BLOWS/FT.	PID (ppm)		GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
			VALUES	PROFILE				
			0	150			Grass/root mass/loam, dark brown, damp.	
1			0				Sandy SILT with gravel, brown, damp.	
2			0				GRAVEL and cobbles, some sand, trace silt, brown, damp.	Increasing gravel with depth.
3			0				Fine- to coarse-SAND, trace silt, brown, damp.	
4			0					
5	S-5B		0					
			0				Boring terminated at 5 feet 2 inches.	Hole collapsed at end of boring.
6								



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
Natural Resources Conservation Council
RELAY SERVICE FOR THE HEARING IMPAIRED
1-800-253-0191 TDD>Voice
1-800-253-0195 Voice>TDD

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Hazardous Materials Management Division
103 South Main Street / West Building
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

March 7, 1994

Mr. Mike LaRow
New England Telephone
125 High Street RM 1006
Boston, MA 02110

RECEIVED

MAR 10 1994

RESNA Industries Inc.

RE: Petroleum contamination at NET - Bennington (Site #93-1381)

Dear Mr. LaRow:

The Sites Management Section (SMS) has received the Report on Limited Environmental Site Investigation for the above referenced site, dated February 8, 1994, submitted by RESNA Industries Inc..

The SMS has also received the documentation of approximately 20 cubic yards of soils originating from the UST removal disposed of at the Albany Landfill in Albany, New York.

Two monitoring wells were installed in the area of the former 1,500 gallon diesel fuel UST as part of the investigation, and one was sampled for petroleum compounds. No petroleum compounds were present in the sample obtained from MW-1 at levels above the detection limits of the analysis.

Due to the fact that the investigation did not include the installation of a monitoring wells downgradient of the 5,000 gallon fuel oil UST, and that soil sample taken from the bottom of the excavation of the 1,500 diesel fuel UST during removal in May of 1993 was sampled and found to contain approximately 2500 ppm total hydrocarbons identified as No. 2 fuel oil, the SMS has determined that additional work is necessary at this site.

The SMS requests that New England Telephone retain the services of a qualified environmental consultant to install a monitoring well in an area downgradient from the closed in place 5,000 gallon UST. Split spoon samples should be obtained continuously and field screened with a PID. A monitoring well should be installed if possible, and samples obtained for EPA Method 8020 analysis. If groundwater is not encountered and positive PID readings are observed, obtain a soil sample from the depth of the boring for analysis by EPA Method 8020. A summary report including well log(s), analytical results, field screening results, conclusions, and further recommendations should be forwarded to the SMS when available.

Although the SMS appreciates NET's cooperation in conducting the requested work at their site, the SMS would encourage NET to obtain work plan approval prior to conducting onsite work to insure

that the work accomplished will meet the requirements of the SMS. Please feel free to call with any questions or concerns

Sincerely,

A handwritten signature in black ink, appearing to read "E. Matt Germon", with a horizontal line extending to the right.

E. Matt Germon, Environmental Engineer
Sites Management Section

cc: Mr. Andrew Bakinowski, RESNA
mg/1381/addinvest

June 9, 1994

Robin Adair
Resna Industries
82 South Street
Hopkinton, MA 01748

RECEIVED
JUN 16 1994
RESNA INDUSTRIES Inc.

Subject: Laboratory Report

Eastern Analytical, Inc. ID #: 8789 RES
Client Identification: 310040.02/Nynex-Bennington, VT
Sample Quantity/Type: 2 soil
Date Received: 5/27/94

Dear Mr. Adair:

Enclosed please find the laboratory report for the above identified project. All analyses were subjected to rigorous quality control measures to assure data accuracy.

The following standard abbreviations and conventions apply throughout all Eastern Analytical, Inc. reports:

- < = "less than" followed by the detection limit
- TNR = Testing Not Requested
- ND = None Detected, no established detection limit
- BRL = Below Reporting Limits

If you have any questions regarding the results contained within, please feel free to directly contact me, the department supervisor, or the analytical chemist who performed the testing in question.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,



William Brunkhorst
Lab Director



LABORATORY REPORT

Eastern Analytical, Inc. ID#: 8789 RES

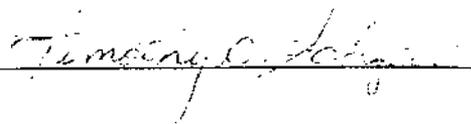
Client: Resna Industries
Client Designation: 310040.02/Nynex-Bennington, VT

Sample Qty/Type: 2 soil
Date Received: May 27, 1994

Hazardous Substance List Volatile Organic Compounds

Sample ID:	S-5-A	S-5-B	EPA
Matrix:	Soil	Soil	Method
Date of Analysis:	6/7/94	6/7/94	
Units:	µg/kg	µg/kg	
Analyst:	NZ	NZ	
Benzene	< 10	< 10	8020
Toluene	< 10	< 10	8020
Ethylbenzene	< 10	< 10	8020
Total Xylenes	< 10	< 10	8020
Chlorobenzene	< 10	< 10	8020
Styrene	< 10	< 10	8020

Approved By: Timothy Schaper, Organics Supervisor



8789

Sample ID	Collection Time	Matrix	VOC 821/8240	VOC 801/8010	VOC 802/8020	VOC 8015	ABN	PCB/Pest	TPH B100	TPH IR/Grav	RCRA Metals	Fe Mn	Cyanide T/F	TNN	BOD/COD	Oil & Grease	Total Phenols	Coliform T/F	Other Parameters	No. of Cont.	Notes	
5-5-A	12-15	SOIL		X																2		
5-5-B	12-35	SOIL		X																2		

Drinking Water Supply Y N Date of Collection: 5/27/94

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Results Needed By: NORMAL TOXIC ANALYSIS

EAI USE ONLY T: _____ M: _____

NOTES:

Client: NYNEX

Company: Resne Industries

Address: 82 South St.
Hopkinton, MA.

Phone: 1-800-926-0803 Fax: _____

Eastern Analytical, Inc.
130 Hall Street
Concord, NH 03301

Phone: (603) 228-0525
In N.H.: 1-800-287-0525
Fax#: (603) 228-4591

Project No. 310040.02 P.O. No. 0012611

NYNEX

Project Name Bennington, VT.

Sampler(s) Robin Adair

Sheet 1 of 1