GUILFORD COUNTY

DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

April 30, 1990

Climax General Store
Attn: Mr. Larry Fields
P. O. Box 35
Climax, NC 27233

Dear Mr. Fields:

Enclosed are copies of the lab analysis, and Health Risk Assessment for the Water samples collected at your facility on March 22, 1990.

If you should have any questions concerning the Health Risk Assessment, please contact Dr. Ken Rudo, N.C. Environmental Epidemiology Branch at (919) 733-3410.

Sincerely,

Terry B. Cole

Terry B. Cole
Toxic and Health Hazard Unit Specialist

/hn

enclosure

cc: File
John Tilyard

301 North Eugene Street
P.O. Box 3508
Greensboro, N. C. 27401
Phone: (919) 373-3771

62 E Area

N.C. Dept. of Environment, Health and Natural Resources
Division of Laboratory Services
State Laboratory of Public Health
P.O. Box 28047, Raleigh, N.C. 27611

#2

RECEIVED APR 6 1990

Environmental Sciences Analysis Report

Name of Owner, Patient or Supply: Climax General Store

Address: P.O. Box 35, Climax NC 27233

County: Guilford

Report To: Terry Cole, Guilford Co. Env. Health

Address: 301 N. Eugene St.
Greensboro, NC 27401

Date Collected: 3-22-90

Collected By: Terry B Cole

Analysis Desired: VOC

VOC Analysis

Laboratory Number	Sample Number	Sample Description or Remarks	Results In
904742			SEE ATTACHED SHEET(S)

Date Received 3-23-90 mw

Date Reported 4-3-90

Date Extracted

Date Analyzed VOC 3/28/90 JPM

Reported By: John L. Neal

DEHNR Form 2364 Revised (9-89)
Laboratory

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES, N.C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 - 306 N. WILMINGTON ST, RALEIGH, N.C. 27611

Laboratory No. 904742 PURGEABLE COMPOUNDS Date of Analysis 3/28/90

COMPOUND	µg/l
Dichlorodifluoromethane	U
Chloromethane	↓
√Vinyl Chloride	↓
Bromomethane	↓
Chloroethane	↓
Trichlorofluoromethane	↓
√1,1-Dichloroethylene	↓
Methylene Chloride	↓
tert-Butyl Methyl Ether	↓
(Trans)1,2-Dichloroethylene	↓
Isopropyl ether	↓
1,1-Dichloroethane	↓
2,2-Dichloropropane	↓
(Cis) 1,2-Dichloroethylene	↓
Chloroform	↓
(BCM) Bromochloromethane	↓
√1,1,1-Trichloroethane	↓
1,1-Dichloropropene	↓
√Carbon Tetrachloride	↓
√Benzene	39.9
√1,2-Dichloroethane	U
√Trichloroethylene	↓
1,2-Dichloropropane	↓
Bromodichloromethane	↓
Dibromomethane	↓
Toluene	6.0
1,1,2-Trichloroethane	U
Tetrachloroethene	↓
1,3-Dichloropropane	↓
Dibromochloromethane	↓
1,2-Dibromoethane (EDB)	↓
1-Chlorohexane	↓

COMPOUND	µg/l
Chlorobenzene	U
Ethylbenzene	↓
1,1,1,2-Tetrachloroethane	↓
p-Xylene	16.6
m-Xylene	}
o-Xylene	94.1
Styrene	U
Bromoform	↓
Isopropylbenzene	↓
1,1,2,2-Tetrachloroethane	↓
Bromobenzene	↓
n-Propylbenzene	↓
1,2,3-Trichloropropane	↓
2-Chlorotoluene	↓
1,3,5-Trimethylbenzene	42.3 J
4-Chlorotoluene	U
(Tert) Butyl Benzene	↓
Pentachloroethane	↓
1,2,4-Trimethylbenzene	32.9 J
(Sec) Butyl Benzene	U
p-Isopropyltoluene	↓
1,3-Dichlorobenzene	↓
√1,4-Dichlorobenzene	↓
n-Butylbenzene	↓
1,2-Dichlorobenzene	↓
(Bis) 2 Chloroisopropyl Ether	↓
1,2-Dibromo-3 Chloropropane	↓
1,2,4-Trichlorobenzene	↓
Hexachlorobutadiene	↓
Naphthalene	↓
1,2,3-Trichlorobenzene	↓

COMMENTS: Numerous unidentified peaks present

MDL - Minimum Detection Limit for water (EPA Method 502.2), is 1.0 µg/l.

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected.
NA - Not analyzed.
1/ - Tentative identification.
√ - Regulated VOC
T - Trihalomethane

N.C. Division of Health Services
DHS 3068-0 (1/89 Laboratory)