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

RECEIVED

Environmental Sciences Analysis Report

Name of Owner, Patient or Supply: Biggers Brothers

Address: 6301 Burnt Poplar

County: Guilford

Report To: Ron Hill

Address: 301 N. Eugene St
G'boro, NC 27401

Date Collected: 4/27/90

Collected By: MMH

Analysis Desired:

VOC Analysis

Laboratory Number	Sample Number	Sample Description or Remarks	Results In
905143			SEE ATTACHED SHEET(S)

Date Received 4-30-90 MW

Date Extracted

Date Reported 5-7-90

Date Analyzed 5/1-5/2/90 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. 905143 PURGEABLE COMPOUNDS Date of Analysis 5/1/90 5/2/90

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	74.7 T
(BCM) Bromochloromethane	U
√1,1,1-Trichloroethane	
1,1-Dichloropropene	
√Carbon Tetrachloride	
√Benzene	
√1,2-Dichloroethane	
√Trichloroethylene	
1,2-Dichloropropane	
Bromodichloromethane	2.7 T
Dibromomethane	U
Toluene	trace
1,1,2-Trichloroethane	U
Tetrachloroethene	
1,3-Dichloropropane	
Dibromochloromethane	1K T
1,2-Dibromoethane (EDB)	U
1-Chlorohexane	

COMPOUND	µg/l
Chlorobenzene	1.8
Ethylbenzene	U
1,1,1,2-Tetrachloroethane	
p-Xylene	
m-Xylene	
o-Xylene	
Styrene	
Bromoform	
Isopropylbenzene	
1,1,2,2-Tetrachloroethane	
Bromobenzene	
n-Propylbenzene	
1,2,3-Trichloropropane	
2-Chlorotoluene	
1,3,5-Trimethylbenzene	
4-Chlorotoluene	
(Tert) Butyl Benzene	
Pentachloroethane	
1,2,4-Trimethylbenzene	
(Sec) Butyl Benzene	
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:

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)

North Carolina Department of Human Resources
Division of Health Services
Environmental Epidemiology Branch
Drinking Water Health Risk Evaluation
General

DATE: 5/21/90 LABORATORY NUMBER 965743

(✓) Based on these analytical results, this water should be considered safe for normal usage.

( ) Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

( ) The water should not be used for drinking or cooking purposes, avoid prolonged bathing/showering.

( ) Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

( ) The laboratory results are not conclusive, please resample:

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

(✓) Comments: Trihalomethane contamination evident. Levels are less than 100 ppb, which is EPA action level. Detection & appearance may be due to recent well chlorination. Resample in 4-6 months

For further information, contact Dr. Ken Rudo [redacted] Environmental Epidemiology Branch, (919) 733-3410.

DHS T474 (Revised 5/89)
Environmental Epidemiology Branch