582SERBSF10,634

582SERBSF10,634

Site Name (Subject):	TRI-COUNTY COMMUNITY COLLEGE
Site ID (Document ID):	NCD038551263
Document Name (DocType):	Preliminary Assessment/Site Inspection (PA/SI)
Report Segment:	
Description:	Site Reassessment Report
Date of Document:	12/21/2007
Date Received:	
Box: *Enter SF and # with no spaces*	SF10,634
Access Level:	PUBLIC
Division:	WASTE MANAGEMENT
Section:	SUPERFUND
Program (Document Group):	SERB (SERB)
Document Category:	FACILITY

Print Report for Record | **Go to New Blank Record** | **Go to New Record - (default to last record values)** | **Delete Record**

North Carolina
Department of Environment and Natural Resources
Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director

NCDENR

December 21, 2007

Ms. Jennifer Wendel
NC Site Management Section
US EPA Region IV Waste Division
61 Forsyth Street, 11th Floor
Atlanta, GA 30303

Subject: Site Reassessment Report
Tri County Community College, EPA ID # NCD038551263
Murphy, Cherokee County, North Carolina

Dear Ms. Wendel:

The following is a Site Reassessment Report (SRR) completed by the NC Superfund Section for the Tri County Community College site. Based on the fact that remediation efforts are currently being conducted under the authority of the NC Inactive Hazardous Site Branch as well as the lack of nearby targets, the site is recommended for no further remedial action planned under CERCLA.

Tri County Community College, along with the Emerson Electric Co. site (EPA ID# NCD089989917) and the Litton Ind. Clifton Precision Div. site (EPA ID# NCD044438406), were selected for reassessment due to public awareness of ongoing remediation efforts at the Litton Ind. Site. All three sites were initially added to CERCLIS in 1987 due to discovery of a contaminated groundwater plume originating at the Litton Ind. Site. All three sites are located in the Peachtree Community.

Tri County Community College is located on US 64 East, just south of the intersection with NC 141, Murphy, Cherokee County, NC. Corresponding geographic coordinates for the site are 35.0666° north latitude and 83.9654° west longitude (Ref. 1).

Tri County Community College opened in 1967. The campus is comprised of five main buildings on a 77-acre campus. The site was originally occupied by the NC Department of Corrections (DOC). From the late 1930's until February 1965, the DOC maintained a prison at the site. Clifton Precision, a manufacturer of electric motors, occupied the site from March 1966 until January 1967. The NC Department of Transportation (DOT) operated a maintenance shop

adjacent to the site until August 1976 (Refs. 2, 3). The college continues to be open at the present time (Ref. 4).

The DOC originally installed a septic system with a sand filter bed for domestic sewage. The leachate was discharged to McComb Branch under a NPDES permit. This system was utilized until the late 1980's (Refs. 2, 3, 5).

In January 1987, trichloroethene (TCE) was detected in the drinking water at the college at a level of 300 parts per billion (ppb). Other wells in the community, including two industrial sites, a nearby hospital, and residential wells, were also found to contain low levels of chlorinated solvents. As a result of TCE in the drinking water well at the college, bottled water was provided for drinking (Refs. 2, 3).

It was reported that small amounts of TCE have been used in the chemistry labs and machine shop at the college. The DOT maintenance shop reportedly used gasoline and kerosene to clean parts, while Clifton Precision used freon at the site. There are no known spill or disposals of TCE at the site. During the 1987 Site Inspection (SI) investigation, a 55-gallon drum labeled TCE was found in the machine shop. The drum, origin unknown, contained only used motor oil (Refs. 2, 3).

The site was added to CERCLIS on January 16, 1987 (Ref. 6). A Preliminary Assessment (PA) and a SI were completed for the site in 1987. Sampling for the SI showed elevated levels of TCE in the on-site groundwater as well as in McComb Branch, which borders the site to the south (Refs. 2-4). Based on investigative and remediation efforts by the NC Groundwater Section, no further action was taken under CERCLA (Refs. 3, 7). The site was removed from CERCLIS in 1995 (Ref. 8).

A Preliminary Investigation of the site, under the authority of the NC Groundwater Section, was conducted mid-1987. A total of 20 monitoring wells were installed at the site between April and May 1987. Wells ranged in depth from 13.5 feet to 94 feet. Initial sampling of the monitoring showed TCE as high as 1,000 ppb in on-site groundwater. Based on the results of the monitoring well sampling, it was determined that groundwater contamination resulted from an on-site source, most likely the unlined filter beds from the septic system (Ref. 9).

As a result of the Preliminary Investigation by the NC Groundwater Section, a Notice of Noncompliance (NON) was issued to Tri County Community College on August 1, 1988 (Ref. 10). In response to the NON, Tri County Community College installed six additional monitoring wells—four permanent and two temporary (Refs. 11, 12). In addition, soil near the area of the former sewer lines leading from the sand filters was sampled at a depth of five feet. No TCE was detected in the soil sample (Refs. 13-15).

Groundwater continues to be monitored on a semi-annual basis by the NC Inactive Hazardous Sites Branch. In the late 1980's, Tri County Community College was connected to

County water and sewer lines and discontinued use of the contaminated wells. One of the wells is utilized in remediation efforts at the site. Water is pumped from this well and discharged to the sewer system for treatment at the local wastewater treatment facility. An average of five to six million gallons per year is pumped from the production well (PW-1) (Refs. 5, 16).

The area surrounding the site is provided water and sewer through County lines. The nearby hospital, industrial sites, and several residences previously served by groundwater are connected to the County system (Ref. 4).

The only wastes continuing to be generated at Tri County Community College are parts washer fluid and used oils. These wastes are generated from the laboratories, auto body shops, and maintenance operations on the campus. The college is considered an exempt small quantity generator under the NC Hazardous Waste Section (Refs. 17, 18).

Based on the fact that remediation efforts are currently being conducted under the authority of the NC Inactive Hazardous Sites Branch as well as the lack of nearby targets, the Tri County Community College site is recommended for no further remedial action planned (NFRAP) under CERCLA. If you have any questions or comments, please feel free to contact me at melanie.bartlett@ncmail.net or (919) 508-8480

Sincerely,

Melanie Bartlett 12/21/07 Jim Bateson 12/21/07

Melanie Bartlett Date
Environmental Engineer
NC Superfund Section

Jim Bateson, Head Date
Site Evaluation and Removal Branch
NC Superfund Section

Attachments

cc: Scott Ross, File
Charlotte Jesneck (letter only)

References:

1. Bartlett, Melanie, NC Superfund Section. Latitude and Longitude Calculation Worksheets, Tri County Community College, Murphy, Cherokee County, North Carolina. EPA ID: NCD 038 551 263. December 12, 2007.
2. Atwood, Stan, NC CERCLA Unit. Preliminary Assessment, Tri County Community College, Murphy, Cherokee County, North Carolina. EPA ID: NCD 038 551 263. February 13, 1987.
3. Atwood, Stan, NC CERCLA Unit. Site Inspection Report, Tri County Community College, Murphy, Cherokee County, North Carolina. EPA ID: NCD 038 551 263. March 31, 1987.

4. Bartlett, Melanie, NC Superfund Section. Memo to File: Off-site Reconnaissance, Tri County Community College, Murphy, Cherokee County, North Carolina. EPA ID: NCD 038 551 263. September 12, 2007.
5. Meyer, William L., NC Division of Solid Waste Management. Letter to Ms. Kate Probst, Clean Sites, Subject: Response to Information Request Concerning the Clean Sites Report "Hazardous Waste and the Rural Poor". January 3, 1989.
6. U.S. Environmental Protection Agency, Superfund Information Systems, CERCLIS Database. Tri County Community College, Murphy, Cherokee County, North Carolina. EPA ID: NCD 038 551 263. December 17, 2007.
7. Carter, Jimmy, NC Environmental Health Section. Letter to Mr. James Lambert, Clifton Precision. February 11, 1987.
8. Robbins, Matthew J., US EPA Waste Management Division. Memo to: Tri County Community College, Subject: Removal from EPA's CERCLIS Inventory. August 22, 1995.
9. Link, Donald R., and Eskenasy, Diane M. A., NC Groundwater Section. Preliminary Investigation, Tri County Community College, Groundwater Incident No. 3371.
10. Davis, Roy M., NC Division of Environmental Management. Letter to Mr. Franklin Barnett, Tri County Community College Board of Trustees, Subject: Notice of Noncompliance. August 1, 1988.
11. Rochelle, Edward T., Energy Support Services, Inc. Letter to Mr. Vincent Crisp, Tri County Community College, Subject: Proposal to Perform Groundwater Investigations/Remediation. December 21, 1988.
12. Eskenasy, Diane M. A., NC Groundwater Section. Letter to Mr. Edward T. Rochelle, ESSI, Subject: Remedial Action Plan, Tri County Community College. March 21, 1989.
13. Link, Donald, R., NC Groundwater Section. Letter to Mr. Vincent Crisp, Tri County Community College, Subject: Supplemental Groundwater Investigation. July 18, 1989.
14. Rochelle, Edward T., Energy Support Services, Inc. Letter to Mr. Donald R. Link, NC Groundwater Section, Subject: Supplement Groundwater Investigation, Tri County Community College. August 3, 1989.
15. Rochelle, Edward T., Energy Support Services, Inc. Letter to Mr. Donald R. Link, NC Groundwater Section, Subject: Supplement Groundwater Investigation, Tri County Community College. September 14, 1989.
16. Bailey, Robin A., Blue Ridge Environmental Services, Inc. Semi Annual Sampling Report, Tri County Community College. July 31, 2006.
17. U.S. Environmental Protection Agency, Facility Registry System. Tri County Community College, Murphy, Cherokee County, North Carolina. EPA ID: NCD 038 551 263. December 17, 2007.
18. NC Hazardous Waste Section files, Tri County Community College. December 17, 2007.

TCC

REFERENCE 1

LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2

LI USING ENGINEER'S SCALE (1/60)

SITE NAME: Tri County Community College CERCLIS #: NCD038551263

AKA: n.a. SSID: n.a.

ADDRESS: US 64 E Just South of NC 141 Intersection

CITY: Murphy STATE: NC ZIP CODE: 28906

SITE REFERENCE POINT: northeast corner of main building

USGS QUAD MAP NAME: Peachtree TOWNSHIP: - N/S RANGE: - E/W

SCALE: 1 : 24,000 MAP DATE: 1937 SECTION: - 1/4 - 1/4 - 1/4

MAP DATUM 1927 1983 (CIRCLE ONE) MERIDIAN: -

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 7.5' MAP (attach photocopy)

LONGITUDE: 83 ° 52 ' 30.00 " LATITUDE: 35 ° 0 ' 0.00 "

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LONGITUDE: 83 ° 57 ' 30.00 " LATITUDE: 35 ° 2 ' 30.00 "

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 272

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A X 0.3304 = 89.87 "

C) EXPRESS IN MINUTES AND SECONDS (1' = 60") : 1 ' 29.87 "

D) ADD TO STARTING LATITUDE: 35 ° 2 ' 30.00 " + 1 ' 29.87 "

SITE LATITUDE: 35 ° 3 ' 59.87 "

35.0666 °

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 77

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A X 0.3304 = 25.44 "

C) EXPRESS IN MINUTES AND SECONDS (1' = 60") : 0 ' 25.44 "

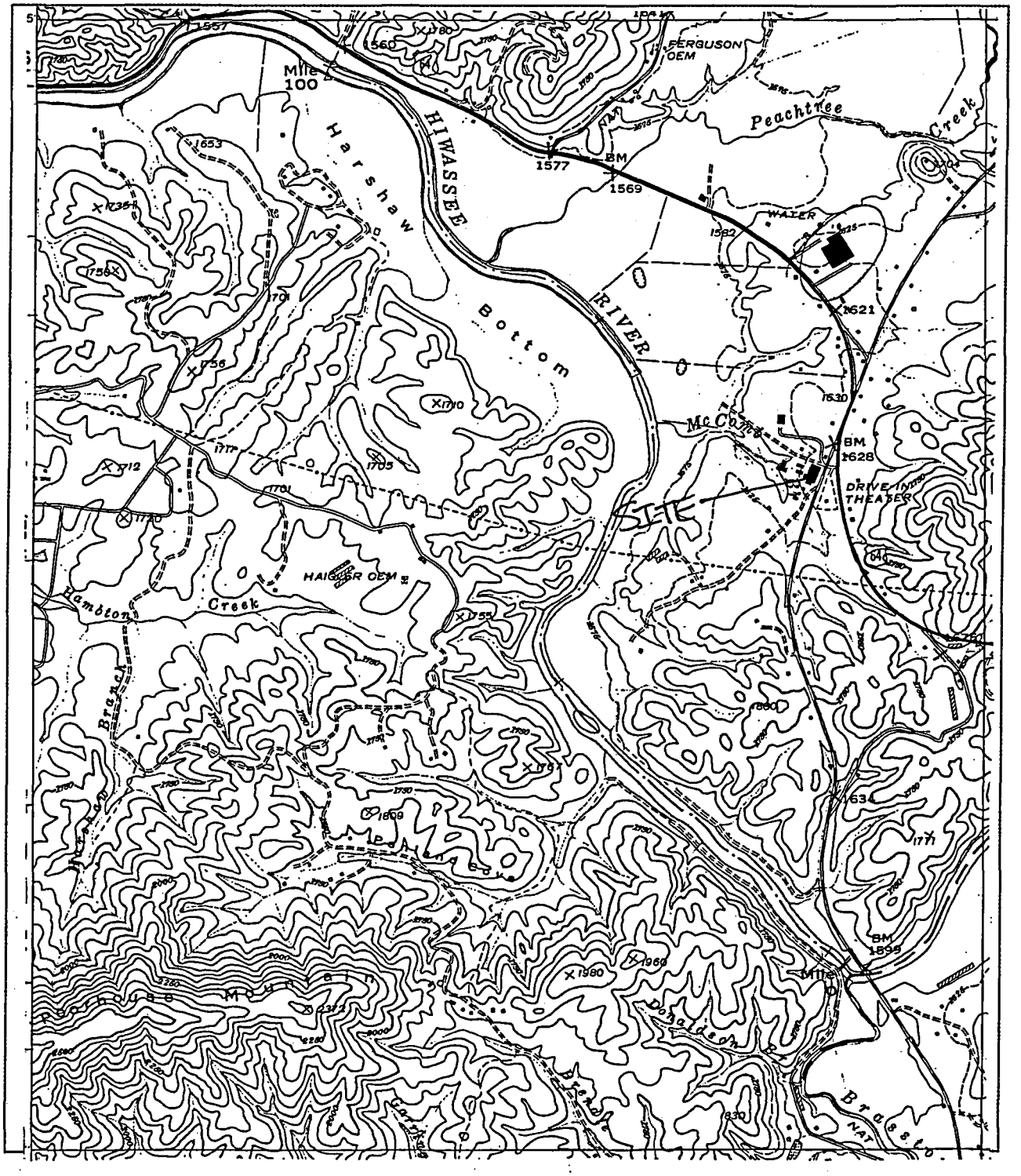
D) ADD TO STARTING LATITUDE: 83 ° 57 ' 30.00 " + 0 ' 25.44 "

SITE LONGITUDE: 83 ° 57 ' 55.44 "

83.9654 °

INVESTIGATOR: Melanie Bartlett DATE: 12/12/2007

SITE NAME: Tri County Community College NUMBER: NCD038551263



TOPOGRAPHIC MAP QUADRANGLE NAME: Peachtree SCALE: 1 : 24,000

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LATITUDE: 35 ° 2 ' 30.00 " LONGITUDE: 83 ° 57 ' 30.00 "

35.0417 ° 83.9583 °

REFERENCE 2

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
Phillip J. Kirk, Jr., Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

13 February 1987

Ms. Denise Smith
EPA NC CERCLA Project Officer
EPA Region IV Waste Division
345 Courtland Street, N.E.
Atlanta, GA 30365

Dear Ms. Smith:

SUBJECT: Preliminary Assessment Report
Tri-County Community College NC D038551263
US 64
Murphy, NC 28906

Enclosed please find the Preliminary Assessment report for the subject site. The recommended priority is based on review of available data.

Tri-County Community College opened in 1967. From the late 1930's until February 1965 the Department of Corrections (DOC) maintained a prison at this site. Clifton Precision, a manufacturer of electric motors, occupied the site from March 1966 until January 1967, and the NC Department of Transportation (DOT) operated a maintenance shop adjacent to the site until August 1976.

The prison originally installed a septic system with a sand filter bed for domestic sewage. The leachate discharges to McComb Branch. Tri-County Community College still uses this system.

In January 1987 trichloroethene (300 ppb) was detected in the drinking water at this site. Bottled water is now being used. A few residential wells and a hospital well in the site vicinity have shown trace amounts of chlorinated solvents.

It was reported that trichloroethene has been used in small amounts in the body shop and chemistry lab. The DOT maintenance shop reportedly used gasoline and kerosene to clean parts, and Clifton Precision used freon at the site. There are no known on site spills or disposals of trichloroethene.

Ground water is presently the only available source of drinking water to the community. The town of Murphy draws drinking water from the Hiwassee River about four to five miles downstream from the site.

A high priority for inspection is recommended. If you have any questions, please contact me at (919) 733-2801.

Sincerely,

Stan Atwood

Stan Atwood, Toxicologist
CERCLA Unit
Solid and Hazardous Waste Management Branch
Environmental Health Section

SA/tb/0193b

REFERENCE 3

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor

Ronald H. Levine, M.D., M.P.H.
State Health Director

31 March 1987

Ms. Denise Smith
EPA NC CERCLA Project Officer
EPA Region IV Waste Division
345 Courtland Street, N.E.
Atlanta, GA 30365

Dear Ms. Smith:

SUBJECT: Site Inspection Report
Tri-County Community College NC D038551263
Route 1, P.O. Box 40
Murphy, NC 28906

Submitted herewith is the Site Inspection Report for the subject site. Based on our review of the available data, we have concluded the following.

Tri-County Community College opened in 1967. There are four main classroom and administrative buildings with a fifth under construction on the 77 acre campus. The site was originally occupied by the NC Department of Corrections (DOC) who operated a prison there from the late 1930s until 1965. Clifton Precision, a manufacturer of electric motors, occupied the site from March 1966 until January 1967, and the NC Department of Transportation (DOT) operated a maintenance shop at the site until August 1976.

The DOC originally installed a septic system with a sand filter bed for domestic sewage. The leachate is discharged to McComb Branch. Tri-County Community College still uses this system and maintains an NPDES permit for the discharge.

In January 1987 trichloroethene (300 ppb) was detected in the drinking water well at this site. Other wells in the community (including two industrial sites) were also found to contain low levels of chlorinated solvents. Tri-County Community College now uses bottled water for drinking.

It was reported that small amounts of trichloroethene have been used in the chemistry labs and machine shop. A 55-gallon drum labeled trichloroethene was found in the machine shop, but it contains used motor oil. The origin of the drum is unknown.

A CERCLA site inspection was conducted on 10-11 February 1987. Ground water, surface water, and sediment samples were collected. The well contained 542 ppb trichloroethene and McComb Branch contained 68 ppb trichloroethene. No metals were detected in the well sample.

The site is located in an alluvial valley. Geology is complex with much local folding. Fractured bedrock is the aquifer of concern.

If you have any questions, please contact me at (919) 733-2801.

Sincerely,

Stan Atwood

Stan Atwood, Toxicologist
CERCLA Unit
Solid and Hazardous Waste Management Branch
Environmental Health Section

SA/tb/0193b

REFERENCE 4

September 12, 2007

MEMO

To: File

From: Melanie Bartlett Melanie Bartlett

Subject: Tri County Community College – EPA ID # NCD038551263
Emerson Electric Co. – EPA ID # NCD089989917
Litton Ind Clifton Precision Div – EPA ID # NCD044438406
Murphy, Cherokee County, NC
Off-site Recconnaissance

On Tuesday, September 11th and Wednesday, September 12th, Melanie Bartlett of the NC Superfund Section completed off-site reconnaissances at the above-mentioned sites. For the purpose of reconning the sites and surrounding potential well users, the map outlining well sampling during the previous investigations was referred to. Below is a summary of the observations.

Emerson Electric Co./Tri County Community College – Emerson Electric is now Western Forge/Emerson and Cott Beverages. Tri County Community College is still present and open. Waterlines are present along Highway 64, from Hendrix Road (SR 1531) to Clayton Road (SR 1547). The hospital and community college are served by community water. Waterlines are also present along Hwy 141N. Several previously sampled potable supply wells have been replaced by community supply. Wells #56, #55, and #46 are now served by community water. Wells #21, #43, and #26 do not serve residences. No water meters were visible at #53, #22, #30, #31, and #58.

Litton Ind Clifton Precision Div – This is now called Moog Components Group. This site is currently actively regulated by RCRA. Waterlines are present all along Hwy 141. Peachtree Elementary is located just southeast of the site. Water meters are present at residences near and adjacent to the site. No waterlines are present along Upper Peachtree Road (SR 1535). Houses #9, #10, and #11 didn't appear to have any water meters present.

CURVE FORMULAS

$T = R \tan \frac{1}{2} I$

$T = \frac{50 \tan \frac{1}{2} I}{\text{Sin.} \frac{1}{2} D}$

$\text{Sin.} \frac{1}{2} D = \frac{50}{R}$

$\text{Sin.} \frac{1}{2} D = \frac{50 \tan \frac{1}{2} I}{T}$

$R = T \cot. \frac{1}{2} I$

$R = \frac{50}{\text{Sin.} \frac{1}{2} D}$

$E = R \text{ ex. sec } \frac{1}{2} I$

$E = T \tan \frac{1}{4} I$

$\text{Chord def.} = \frac{\text{chord}^2}{R}$

$\text{No. chords} = \frac{I}{D}$

$\text{Tan. def.} = \frac{1}{2} \text{ chord def.}$

The square of any distance, divided by twice the radius, will equal the distance from tangent to curve. very nearly.

To find angle for a given distance and deflection.

Rule 1. Multiply the given distance by .01745 (def. for 1° for 1 ft.) and divide given deflection by the product.

Rule 2. Multiply given deflection by 57.3, and divide the product by the given distance.

To find deflection for a given angle and distance. Multiply the angle by .01745, and the product by the distance.

GENERAL DATA

RIGHT ANGLE TRIANGLES. Square the altitude, divide by twice the base. Add quotient to base for hypotenuse.

Given Base 100, Alt. $10.10^2 \div 200 = .5$. $100 + .5 = 100.5$ hyp.

Given Hyp. 100, Alt. $25.25^2 \div 200 = 3.125$. $100 - 3.125 = 96.875$ = Base.

Error in first example, .002; in last, .045.

To find Tons of Rail in one mile of track: multiply weight per yard by 11, and divide by 7.

LEVELING. The correction for curvature and refraction, in feet and decimals of feet is equal to $0.574 d^2$, where d is the distance in miles. The correction for curvature alone is closely, $\frac{2}{3} d^2$. The combined correction is negative.

PROBABLE ERROR. If d_1, d_2, d_3, etc. are the discrepancies of various results from the mean, and if Σd^2 = the sum of the squares of these differences and n = the number of observations, then the probable error of the mean =

$$\pm 0.6745 \sqrt{\frac{\Sigma d^2}{n(n-1)}}$$

MINUTES IN DECIMALS OF A DEGREE

1'	.0167	11'	.1833	21'	.3500	31'	.5167	41'	.6833	51'	.8500
2	.0333	12	.2000	22	.3667	32	.5333	42	.7000	52	.8667
3	.0500	13	.2167	23	.3833	33	.5500	43	.7167	53	.8833
4	.0667	14	.2333	24	.4000	34	.5667	44	.7333	54	.9000
5	.0833	15	.2500	25	.4167	35	.5833	45	.7500	55	.9167
6	.1000	16	.2667	26	.4333	36	.6000	46	.7667	56	.9333
7	.1167	17	.2833	27	.4500	37	.6167	47	.7833	57	.9500
8	.1333	18	.3000	28	.4667	38	.6333	48	.8000	58	.9667
9	.1500	19	.3167	29	.4833	39	.6500	49	.8167	59	.9833
10	.1667	20	.3333	30	.5000	40	.6667	50	.8333	60	1.0000

INCHES IN DECIMALS OF A FOOT

1-16	3-32	⅛	3-16	¼	5-16	⅜	½	⅝	¾	⅞
.0052	.0078	.0104	.0156	.0208	.0260	.0313	.0417	.0521	.0625	.0729

1	2	3	4	5	6	7	8	9	10	11
.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.0167

Murphy Sites 4/11/07

Emerson Electric / Tri-County Comm College
- now Western Forge / Emerson + Cott Beverages
- waterlines present along Hwy 64
- #56 + #55 wells - now have water meters
- waterlines extend west to Hendrix Rd (SR 1531)
- WWTP behind hospital
- #2 + #3 - monitoring wells
- waterlines to hospital + Community College
- #26 - monitoring well
- #53 - still a well
- waterlines down Hwy 64 E ~~past~~ to Clayton Rd (SR 1547)
- #46 - water meter
- 4550 Hwy 64 (Zimmerman)
  - just north of college
  - potential well (no meter)
- Hwy 141N - waterlines present
- #22, #30, #31 - no water meters seen
- #58 - no visible water meter

Melanie Bartlett

9/12/07

Litton Ind - Clifton Precision / Peachtree

- waterlines run up to elementary school just SE of site (Peachtree Elem.)
- now Moog Component Group
- waterlines continue along Hwy 141N
- meters present at residences near and adjacent to Litton
- no waterlines present along Upper Peachtree (SR 535)
- #9, #10, #11 - no meters present

Melanie Burkett

REFERENCE 5

Tri-County Community College File

State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

January 3, 1989

Ms. Kate Probst
Clean Sites
1199 North Fairfax Street
Alexandria, VA 22314

Subj: Response to Information Request Concerning the Clean Sites Report "Hazardous Waste and the Rural Poor"

Dear Ms. Probst:

This letter is in response to your request for information for your report "Hazardous Waste Sites and the Rural Poor". Your letter of December 18, 1989, requested specific information on the Tri-County Community College Site (NCD038551263), and any other general comments on the report. I am pleased to provide the following information and comments.

The NC Division of Solid Waste Management, Superfund Section, conducted a site investigation at Tri-County Community College on February 10 and 11, 1987. Sampling results confirmed that the drinking water supplied by an on site well was contaminated with trichloroethene. We forwarded the Site Investigation Report to the U.S. EPA Region IV. The State has retained involvement at the site through the Division of Environmental Management (DEM). The DEM has been working with Tri-County Community College and their contractor to investigate and remediate the site. A total of 12 monitoring wells with both shallow and deep aquifer sampling capability were installed. Six wells are still used on the site. Although the sampling data shows that the TCE contamination is from a source on the campus grounds, the source remains unknown due to the varied uses of the site through the years. The highest levels of TCE on the site are from below the sand filter beds that were formerly used for sewage discharge.

Tri-County Community College is now connected to County water and sewer lines and is no longer using the contaminated wells. One of these wells will be used in the remedial effort scheduled to begin later this month. The plan calls for pumping the water from this well and discharging it to the sewer system for treatment at the local POTW. Theoretically, pumping will continue until North

Carolina ground water standards are met. At present it is not known how long this will take. Six monitoring wells on site will be sampled quarterly. If you would like further information concerning the ongoing efforts you can contact Mr. Donald Link of the DEM-Asheville Regional Office, P.O. Box 370, Asheville, NC 28802, (704) 251-6208.

It is noted on Table VI of your report that the U.S. EPA conducted a removal action at the site. Neither the Division of Solid Waste Management, the Division of Environmental Management, nor the Cherokee County Health Department can confirm that this took place. It is known that Tri-County Community College provided bottled water to students until they were connected to the County Water System.

Concerning general comments on the report, you may wish to know that there are two other sites in Cherokee County within 2 miles of Tri-County Community College, both of which have ground water contaminated with chlorinated solvents. The other sites are Emerson Electric Company (NCD089989917) and Clifton Precision (NCD044438406). A Site Investigation Report for Emerson Electric Company was completed and forwarded to EPA Region IV in March 1987 (enclosed). The Clifton Precision Site is a TSD that is regulated under RCRA; therefore, there was only a preliminary assessment conducted on the site (enclosed). The U.S. EPA has issued Clifton Precision an administrative order to clean up the site and is overseeing the remedial effort. Shannon Maher, (404)347-7603, is the EPA contact person for the site. Some drinking water wells were contaminated at these sites. The Cherokee County Health Department is continuing to sample wells at Clifton Precision.

In Appendix E for the Charles Macon Lagoon and Drum NPL Site, under the fourth column one contaminant is reported as "PCE"; this should be changed to "TCE" or trichloroethylene.

The NC Division of Solid Waste Management is pleased to provide these comments to you. If you have any questions, please contact me at (919)733-4996.

Sincerely,

William L. Meyer

William L. Meyer
Director

WM/bn/cleansit

enclosures

cc:
Perry Nelson
Don Link

REFERENCE 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

Superfund Information Systems

Superfund Site Information

TRI COUNTY COMMUNITY COLLEGE

Actions

Site Info | Aliases | Operable Units | Contacts
Actions | Contaminants | Site-Specific Documents

OU	Action Name	Qualifier	Lead	Actual Start	Actual Completion
00	DISCOVERY		F		01/16/1987
00	PRELIMINARY ASSESSMENT	L	S	02/13/1987	02/28/1987
00	ARCHIVE SITE		EP		06/17/1987
00	SITE INSPECTION	N	F		06/17/1987

Return to Search Results

Return to Search Superfund Site Information

DISCLAIMER: Be advised that the data contained in these profiles are intended solely for informational purposes use by employees of the U.S. Environmental Protection Agency for management of the Superfund program. They are not intended for use in calculating Cost Recovery Statutes of Limitations and cannot be relied upon to create any rights, substantive or procedural, enforceable by any party in litigation with the United States. EPA reserves the right to change these data at any time without public notice.

REFERENCE 7

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
Phillip J. Kirk, Jr., Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

February 11, 1987

Mr. James Lambert
Clifton Precision
Division of Litton Industries
Post Office Box 160
Murphy, North Carolina 28906
NCD044438406

Dear Mr. Lambert:

This letter is in response to your request by phone on January 27, 1987 and summarizes the responsibilities of all State Agencies involved with the groundwater issue at Clifton Precision and the surrounding community.

On January 22, 1987, an interagency meeting was held between the Division of Environmental Management (DEM) and the Division of Health Services (DHS) to discuss areas of responsibility and ensure an efficient investigation of the Clifton Precision groundwater situation.

The following is a summary of the State Agencies involved and their responsibilities.

1. Division of Environmental Management, Groundwater Section. This agency will continue assessment of groundwater conditions in the general vicinity to ensure that any addtional contaminated water sources are identified and take action according to their findings.

2. Division of Health Services, Environmental Health Section, Water Supply Branch. This office regulates public water supplies and will give appropriate advice and assistance to owner and operators of any public water supply system affected. In addition, this office will offer advice and assistance regarding the potability, treatability and treatment techniques for affected private water supply systems upon request. This office will seek evaluation of the potability of water supply sources through the Environmental Epidemiology Branch, Epidemiology Section, Division of Health Services.

3. Division of Health Services, Environmental Health Section, Solid and Hazardous Waste Management Branch. This office will be responsible for the closure of hazardous waste units at the Clifton Precision facility. Since groundwater contamination has been confirmed on site, this closure of the facility will involve an assessment of the extent of contamination including offsite if contamination has migrated beyond the property line and a plan for corrective action. The Solid and Hazardous Waste Management Branch will conduct preliminary assessment in accordance with the Comprehensive Environmental Response Compensation and Liability Act (CERCLA, also known as Superfund). Efforts of the CERCLA unit will be coordinated with DEM in a joint assessment of offsite groundwater conditions.

4. Division of Health Services, Epidemiology Section, Environmental Epidemiology Branch. Toxicologists are available to assess potability of any affected water supplies. They will also be available to respond to general questions on health related issues.

The following is a list of the contact persons representing each State agency.

(1). DEM, Groundwater Section Raleigh
Bill Jeter, (919) 733-3221

(2). DEM, Asheville Regional Office
Roy Davis, (704) 253-3341

(3). DHS, Water Supply Branch
Wally Venrick, (919) 733-2321

(4). DHS, Environmental Epidemiology Branch
Ted Taylor, (919) 733-3410

(5). DHS, Solid and Hazardous Waste Management Branch
Jimmy Carter, (919) 733-2178

(6). DHS, CERCLA
Lee Crosby, (919) 733-2801

Mr. James Lambert
Clifton Precision
February 11, 1987

Please feel free to contact any of these individuals as your questions relate to their specific areas of responsibility.

Sincerely,

Jimmy Carter
Environmental Chemist
Solid and Hazardous Waste Management Branch
Evironmental Health Section

cc: Page Benton
Lee Crosby
Roy Davis
Bill Jeter
Bill Meyer
Perry Nelson
Steve Reid
Ted Taylor
Wally Venrick
Bob Wood

JC/mb/6133/2-4

REFERENCE 8

EPA DID NOT MAIL
TO FACILITY

DATE: August 22, 1995

SUBJECT: REMOVAL FROM EPA'S CERCLIS INVENTORY

FROM: Matthew J. Robbins, Brownfields Coordinator
Waste Management Division, Region IV

TO: TRI COUNTY COMMUNITY COLLEGE
US 64 E JST S OF N.C.141 INT
MURPHY
NC 28906

EPA has identified the Brownfields Initiative as one of the Agency's top priorities. The term "brownfields" refers to previously used properties that may lie vacant because potential contamination makes them unmarketable to the private sector. EPA has recently announced a comprehensive Brownfields strategy, including Pilot grants to municipalities, to stimulate economic revitalization.

One part of the strategy has been for EPA to review its complete inventory of Superfund sites. These sites have been screened and determined to require no remedial action under the Federal Superfund Program based on information available as well as on conditions and policies that currently exist. This is to notify you that EPA has removed your facility from EPA's computer inventory known as CERCLIS. THIS DOES NOT INDICATE THAT THE STATE HAS MADE A SIMILAR DETERMINATION.

If you have any questions, please call me at 404/347-5059 ext. 6214.

cc: State Agency

REFERENCE 9

Reference 9

NC Division of Environmental Management

Preliminary Investigation

Tri-County Community College

Groundwater Incident No. 3371

See Bound Report

REFERENCE 10

State of North Carolina
Department of Natural Resources and Community Development
Asheville Regional Office

James G. Martin, Governor
S. Thomas Rhodes, Secretary

DIVISION OF ENVIRONMENTAL MANAGEMENT

David R. Spain
Regional Manager

August 1, 1988

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Tricounty Community College File

Mr. Franklin Barnett, Chairman
Tri-County Community College Board of Trustees
Post Office Box 334
Murphy, North Carolina 28906

SUBJECT: Notice of Noncompliance
NCAC Title 15, Subchapter 2L
Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina
Groundwater Incident No. 3371
Tri-County Community College
Cherokee County, North Carolina

Dear Mr. Barnett:

Chapter 143, North Carolina General Statutes, authorizes and directs the Environmental Management Commission of the Department of Natural Resources and Community Development to protect and preserve the water and air resources of the State. The Division of Environmental Management (DEM) has the delegated authority to enforce adopted pollution control rules and regulations.

Based upon a groundwater investigation conducted by the DEM on the campus of Tri-County Community College located in Peachtree, Cherokee County, the Division has reason to believe that the college is responsible for activities resulting in noncompliance with North Carolina law.

Specific violations noted are as follows: The presence of trichloroethene in monitor wells on Tri-County Community College property near the sand filter and in monitor wells constructed offsite, in the McCombs' pasture across the creek from the sand filter, establishes violations of the "Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina", NCAC Title 15, Subchapter 2L, .0103(h)(3), and .0202(b).

You are requested to submit a written response to this Notice describing your plans to achieve compliance with the above-cited laws or regulations within thirty days from receipt of this letter. This shall include plans to determine the offsite horizontal extent of contamination and plans for groundwater remediation with a projected timetable.

Failure to respond within the time specified and voluntarily achieve compliance may result in issuance of a civil penalty assessment under authority of G.S. 143-215.6 of not more than $10,000; the issuance of a special order against you under the authority of G.S. 143-215.2; or a request to the Attorney General to institute an action for injunctive relief. If any action or failure to act is continuous, each day may be considered a separate violation.

Your response and/or questions should be directed to Don Link or Diane Eskenasy of the Asheville Regional Office at (704) 251-6208.

Sincerely,

Roy M. Davis

Roy M. Davis
Regional Supervisor

RMD:DRL:DMAE:sb

cc: Mr. Vincent Crisp
Mr. Robert C. Wood
Office of Legal Affairs
Douglass Dixon

REFERENCE 11

dc to Bill Yeu 1/30/89
rec'd 1/30/89 dme
AKO-GWS

ENERGY SUPPORT SERVICES, INC.
P.O. Box 6098
ASHEVILLE, NORTH CAROLINA 28816
(704) 258-8888

Energy Support Services Inc

ESSI
P.O. BOX 1449
HOUSTON, TX. 77251
(713) 888-9521

ESSI
P.O. BOX 840
CORAOPOLIS, PENNSYLVANIA 15108
(412) 269-9600

December 21, 1988

Tri-County Community College
P.O. Box 40
Murphy, N.C. 28906

Attention: Mr. Vincent Crisp

Re: Proposal to Perform Groundwater Investigations/Remediation
Incident No. 3371
Tri-County Community College
Cherokee County, North Carolina

Dear Mr. Crisp:

In response to your request for proposal for groundwater remediation services, Energy Support Services, Inc. is pleased to submit this proposal to conduct supplementary groundwater investigations to aid in definition of the areal extent of contamination and in identifying the preferred means of remediation of contaminated groundwater underlying the Tri-County Community College (TCCC) site.

This proposed scope of investigations is based on recent discussions and meetings with representations of the Division of Environmental Management (DEM) of the North Carolina Department of Natural Resources and Community Development (NCRD) and a review of the Report of Preliminary Investigations, Tri-County Community College, Incident No. 3371 prepared by the Asheville Regional Office of the DEM. By the utilizing the existing DEM investigations and data, the scope of the proposed investigation is significantly below what otherwise would be required. These proposed investigations are intended to gather additional basic data regarding the horizonal and vertical extent of contamination and to characterize aquifer geohydrologic parameter as necessary to determine the preferred means of remediation per DEM "Guidelines for Technical and Field Data Necessary for Developing Remedial Plan."

Based upon our discussions with (NCRD), the important areas of interest to be addressed in the remediation plan will include:

a. Additional Monitor Wells to determine extent of vertical and horizontal contamination.

b. The upgrade or possible elimination of the current waste disposal system (Sand-Filter).

c. Development of a waste minimization program to prevent alternate waste sources from contributing to the groundwater contaminations.

d. Site Groundwater Remediation Plan for present and future groundwater monitoring to assess the effectiveness of the cleanup effort.

The following is a discussion on the suggested actions by the (NCRD):

A. Additional Monitor Wells

Proposed installation of six groundwater monitoring wells at the approximate locations shown in Figure 1. Wells MW-1 thru MW-4 will be permanent monitor wells located to further define the extent of onsite contamination, to provide observation points for a pumping test if needed at a later date, and to provide future monitoring/sampling points to evaluate the progress of the Remedial Action Plan. Wells MW-5 and MW-6 will be temporary monitoring wells intended to assess the horizontal extent of offsite contamination down-gradient direction. Depending on the distance of movement of the contamination, additional down-gradient temporary monitoring wells may be required. Water quality samples will be obtained from each new well and the two existing TCCC wells. The water samples will be analyzed by an EPA approved laboratory for chemical analysis for Volatile Organic Compounds (VOA).

As an option, to be performed upon request and at additional cost, a Pumping Test may be required at some point in the remediation process. This would gather geohydrologic data regarding the true behavior of the bedrock and regolith aquifers under stress, or pumping conditions. This test would be performed under the direct supervision of Mr. Ed Rochelle, Mr. Ed Hedgecock and Mr. Barry Nelson.

B. Upgrade of Waste Water Disposal (Sand Filter)

Proposed is an evaluation of the existing (Sand Filter) method of waste water disposal. The Sand Filter needs to be refilled with appropriate medium to reduce solids, organic

and also adjust pH for application of the NPDES permit for discharge of waste water. This will condition the water for discharge and reduce the contribution of volatile organics to the current groundwater contamination. This should play a substantial role in contamination reduction.

C. Waste Minimization Program

Proposed is the development of a Waste Minimization Program to reduce the contribution of waste to the groundwater and reduce the amount of waste to be disposed. It is clear that some of the source of the groundwater contamination may have occurred by releasing solvents directly to the ground without treatment of the Sand Filter. This practice needs to be addressed by developing a program that will heighten awareness by employees, collect and segregate waste, and reduce the volume of waste to be disposed. This will reduce the cost of disposal of hazardous waste and eliminate additional groundwater contamination.

D. Site Groundwater Remediation Plan

Proposed is a Remedial Action System to assess the progress of the groundwater cleanup. Once the initial investigations are completed, the NCRD will require ongoing surveillance of the groundwater remediation. This will include additional sampling, reports, permits, correspondence and discussions with the Regional Office in Asheville to keep them apprized of the effectiveness of the cleanup. Also, discussion with the City of Murphy will be required for use of city/county sewer to pump down the recovery well as needed to cleanup the site. Energy Support Services, Inc. will perform these liaison activities to keep all interested parties informed.

We appreciate your consideration of Energy Support Services, Inc. for this work and are looking forward to working as your environmental consultant on this and future projects.

Sincerely,

Edward T. Rochelle

Edward T. Rochelle
Director - Technical Services

/lb P 401, CD-P2

ESTIMATED COST

The following is an estimated cost of the services to be provided:

A. Additional Monitor Wells $27,000.00

- o Install Monitor Wells
- o Sample Monitor Wells/Existing Wells
- o Laboratory Analysis of Samples
- o Prepare Reports and Review

Is cost reasonable

B. Upgrade Waste Disposal System $5,000.00

- o Evaluate Waste Water
- o Recommend Either Medium
- o Supervise Reconstruction
- o Test Effectiveness

e.g. liner bottom to prevent seeping not sure if concrete or clay or what

C. Waste Minimization Programs $2,500.00

- o Program Development
- o Evaluate Waste Streams
- o Train Personnel
- o Segregate Waste
- o Eliminate Sources of Leaks and Spills

Petrol. products? Oils from mechanics area

D. Develop Groundwater Remediation Plan $3,000.00

- o Develop Remedial Action System
- o Correspond with DEM and NRCD
- o Correspond with City Officials
- o Setup a Program for Future Monitoring Requirements

TOTAL ESTIMATED COST $37,500.00

what could be come up

35,000
+ 2500 oper. monies

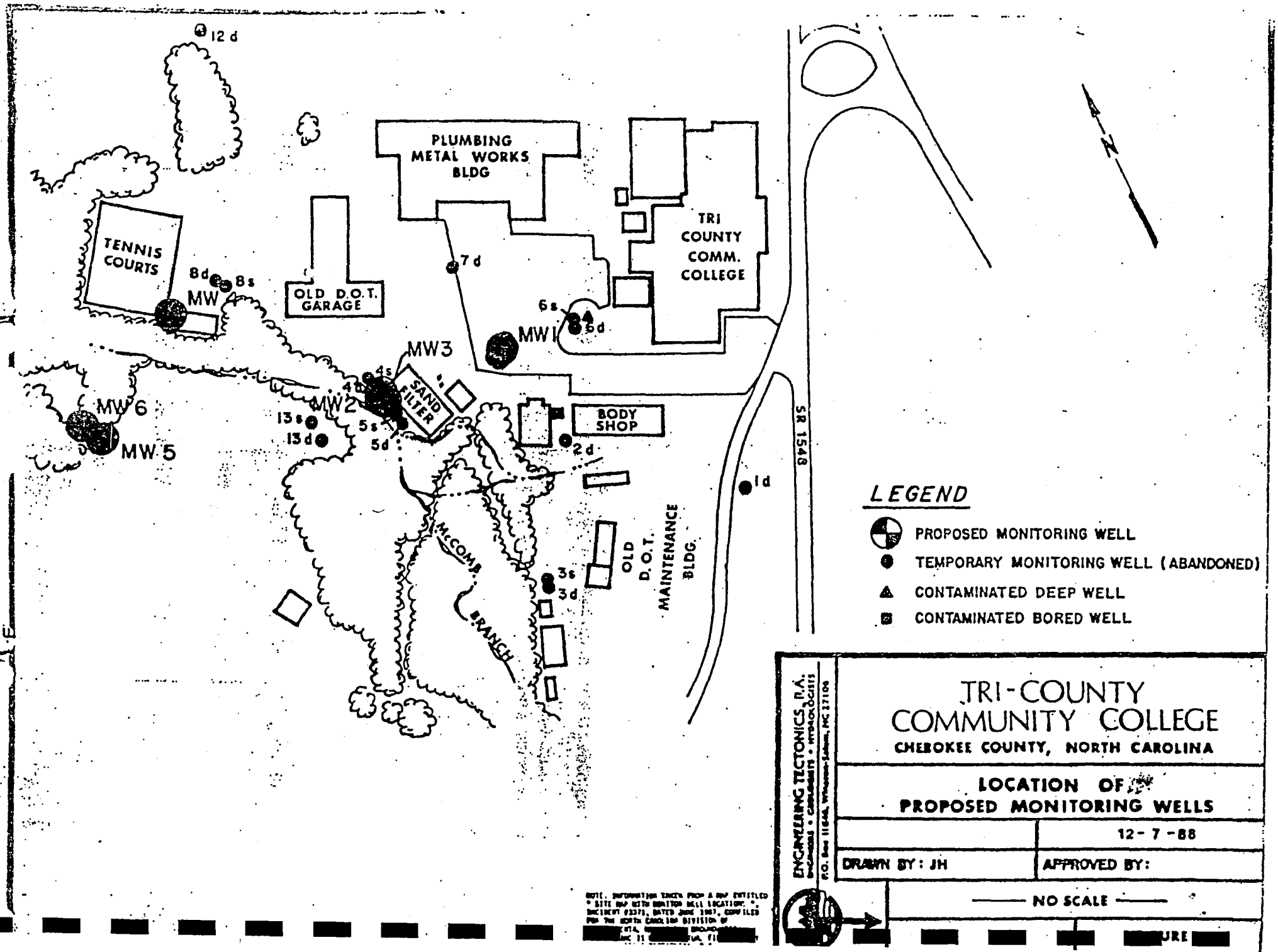

12 d
PLUMBING METAL WORKS BLDG
TRI COUNTY COMM. COLLEGE
TENNIS COURTS
8d
8s
MW4
OLD D.O.T. GARAGE
7 d
6s
6d
MW1
MW3
4s
4d
SAND FILTER
MW2
13s
13d
5s
5d
MW6
MW5
BODY SHOP
2d
1d
SR 1548
McCOMB BRANCH
3s
3d
OLD D.O.T. MAINTENANCE BLDG.
N
LEGEND
PROPOSED MONITORING WELL
TEMPORARY MONITORING WELL (ABANDONED)
CONTAMINATED DEEP WELL
CONTAMINATED BORED WELL
ENGINEERING TECTONICS, P.A.
TRI-COUNTY COMMUNITY COLLEGE
CHEROKEE COUNTY, NORTH CAROLINA
LOCATION OF PROPOSED MONITORING WELLS
12-7-88
DRAWN BY: JH
APPROVED BY:
NO SCALE

TABLE 1 - SCHEDULE OF PROPOSED MONITORING WELLS

Monitoring Well	Est'd Depth (ft)	Screened Interval	Type/Aquifer
MW-1	85	75-85	Permanent/Saprolite
MW-2	85	75-85	Permanent/Saprolite
MW-3	35	25-35	Permanent/Saprolite
MW-4	150	N/A	Permanent/Bedrock
MW-5	35	25-35	Temporary/Saprolite
MW-6	85	75-85	Temporary/Saprolite

REFERENCE 12

State of North Carolina
Department of Natural Resources and Community Development
Asheville Regional Office

James G. Martin, Governor
William W. Cobey, Jr., Secretary

Ann B. Orr
Regional Manager

DIVISION OF ENVIRONMENTAL MANAGEMENT
GROUNDWATER SECTION

March 21, 1989

Mr. Edward T. Rochelle
Director of Technical Services
ESSI
P. O. Box 6098
Asheville, North Carolina 28816

Subject: Remedial Action Plan
Tri-County Community College
Groundwater Incident No. 3371
Cherokee County, North Carolina

Dear Mr. Rochelle:

As we discussed by telephone on March 20, 1989, the remedial action plan for Tri-County Community College in Cherokee County, North Carolina should be submitted to this office by April 24, 1989. The plan shall include the following information:

1. Completed well construction permit applications (forms attached),

2. Proposed locations for the new monitor wells, and

3. A time frame for monitor well installation, initial sampling, and commencement of a quarterly sampling schedule.

Groundwater samples shall be analyzed by EPA Method 601 for purgeable halocarbons and taken to the lowest method detection limits. Analyses shall include the number of unidentified peaks, and shall be submitted to this office no later than 30 days after the end of the reporting quarter.

We look forward to hearing from you by April 24, 1989. If you have any questions before then, do not hesitate to contact me or Don Link at 704-251-6208.

Sincerely,

Diane M. A. Eskenasy

Diane M. A. Eskenasy, P. G.
Hydrogeological Technician

DMAE:ar

Attachments

cc: Bill Jeter
Vince Crisp

3/14/89

Approved

GENERAL SERVICES AGREEMENT CONTRACT #RT 89-075
ADDENDUM #1
BETWEEN TRI-COUNTY COMMUNITY COLLEGE AND
ENERGY SUPPORT SERVICES, INC.

RECEIVED
MAR 16 1989
Groundwater Section
Asheville Regional Office

SCOPE OF SERVICES

Energy Support Services, Inc. (ESSI) will provide services in the area of groundwater investigation to Tri-County Community College in response to North Carolina Department of Natural Resources and Community Development (NRCD) Incident #3371.

Based on discussion with NRCD and Tri-County Community College, the areas to be addressed in the site investigation/ characterization at Tri-County Community College in order of importance are:

A. Additional monitoring wells to determine the extent of vertical and horizontal contamination.

B. A detailed Site Characterization Report to enable NRCD to evaluate necessary remedial actions.

C. Develop a waste management program for Tri-County Community College to reduce the possibility of additional groundwater contamination.

D. Evaluate the current wastewater system (sand filter) for contamination and possible cleanup.

1.0 ESSI will drill four (4) permanent monitoring wells on-site to define the extent of on-site contamination, provide observation points for a pumping test if needed at a later date and to provide future monitoring points for evaluating remedial actions.

2.0 ESSI will drill two (2) temporary monitoring wells off-site to assess the horizontal extent of off-site contamination down-gradient. Depending on the distance of movement of the contamination, additional down-gradient temporary monitoring wells may be added.

3.0 Water quality samples will be obtained from each new well and the two (2) existing Tri-County Community College wells. The water samples will be analyzed by an EPA approved laboratory for Volatile Organic Compounds (VOC). Results from the analysis will be made available to Tri-County Community College and NRCD.

4.0 ESSI will evaluate waste disposal practices at Tri-County Community College and initiate a comprehensive waste management program for all potential groundwater contaminants. The program will include source reduction techniques, spill/leak handling procedures and proper disposal procedures.

5.0 ESSI will evaluate the current waste water disposal system (sand filter) to determine the feasibility and cost effectiveness of replacing the existing medium. Contamination levels in the sand filter and the projected date for connection to the City of Murphy municipal sewer system will be the primary factors in determining recommendations for the sand filter.

6.0 ESSI will handle all required permits, reports, action plans and correspondence with the Asheville Office of the NRCD during the site investigation. Upon completion of the investigation ESSI will provide a detailed report of findings to Tri-County Community College and NRCD. Based on NRCD recommendations/requirements after reviewing the report ESSI will submit a proposal for remedial action at the site.

COMPENSATION

1.0 ESSI agrees to provide services in the area of groundwater investigation to Tri-County Community College as defined in the attached Scope of Services for the sum of Thirty-seven thousand five hundred dollars, $37,500.00.

2.0 Any additional services/expenses must be agreed upon and approved in writing by Tri-County Community College prior to initiation.

3.0 Billing for services under this contract will be monthly based on work completed.

GENERAL SERVICES AGREEMENT CONTRACT #RT 89-075
ADDENDUM #2
BETWEEN TRI-COUNTY COMMUNITY COLLEGE AND
ENERGY SUPPORT SERVICES, INC.

SCOPE OF SERVICES

The purpose of this addendum is to add a cost estimate for each phase of the site investigation. This estimate is identical to the cost estimate found in our Proposal dated December 21, 1988.

The cost estimate is based on information available prior to project initiation. As work progresses it may be necessary to shift funds among the four (4) programs based on evaluation of new data. Should this become necessary ESSI will present their recommendations to Tri-County Community College for approval.

ESTIMATED COST

The following is an estimated cost of the services to be provided:

A. Additional Monitor Wells $27,000.00

- Install Monitor Wells
- Sample Monitor Wells/Existing Wells
- Laboratory Analysis of Samples
- Prepare Reports and Review

B. Upgrade Waste Disposal System $5,000.00

- Evaluate Waste Water
- Recommend Either Medium
- Supervise Reconstruction
- Test Effectiveness

C. Waste Minimization Programs $2,500.00

- Program Development
- Evaluate Waste Streams
- Train Personnel
- Segregate Waste
- Eliminate Sources of Leaks and Spills

D. Develop Groundwater Remediation Plan $3,000.00

- Develop Remedial Action System
- Correspond with DEM and NRCD
- Correspond with City Officials
- Setup a Program for Future Monitoring Requirements

TOTAL ESTIMATED COST $37,500.00

To show their acceptance to the terms and conditions of this Agreement, the Authorized representatives of the parties have signed their names below.

Energy Support Services, Inc.		Tri-County Community College	
BY:	Ronald T. Allen	BY:	Vincent B. Clegg
TITLE:	Manager HR Com Div.	TITLE:	President
DATE:	February 20, 1989	DATE:	3/13/89
		BY:	Franklin Barnard
		TITLE:	Chairman of Bd. of Trustees
		DATE:	3/10/89

REFERENCE 13

State of North Carolina
Department of Natural Resources and Community Development
Asheville Regional Office

James G. Martin, Governor
William W. Cobey, Jr., Secretary

Ann B. Orr
Regional Manager

DIVISION OF ENVIRONMENTAL MANAGEMENT
GROUNDWATER SECTION

July 18, 1989

Mr. Vincent Crisp
Tri-County Community College
Post Office Box 40
Murphy, North Carolina 28906

Dear Mr. Crisp:

Subject: Supplemental Groundwater Investigation
Tri-County Community College
Groundwater Incident No. 3371
Cherokee County, North Carolina

In reviewing the subject investigation report, it was noted that the highest concentration of trichloroethane found in the groundwater was at Monitor Well B-1 located between Building A and the filter bed. Since Monitor Well B-1 is in an area where sewer lines may be located, a leak in this sewer line in the past may be the source of the contamination.

I have listed below additional steps that need to be undertaken at this site:

1.) Locate and provide a plan to this office by August 1, 1989, of any sewer lines in the vicinity of Monitor Well B-1.

2.) Provide a plan and proposed completion date for the proposed aquifer test evaluation to this office by August 1, 1989.

3.) Provide an analysis for volatile organics from a soil sample to be taken at a depth of 5 feet below the land surface at Monitor Well B-1 to this office by August 15, 1989.

If you have any questions, please do not hesitate to contact me or Diane Eskenasy at (704) 251-6208.

Sincerely,

Donald R. Link

Donald R. Link, P. G.
Hydrogeological Regional Supervisor

DRL/gc

cc: Ann Borden
Ed Rochelle
Edward Hedgecock

REFERENCE 14

ENERGY SUPPORT SERVICES, INC.
P.O. Box 6098
ASHEVILLE, NORTH CAROLINA 28816
(704) 258-8888

RECEIVED
AUG 7 - 1989
Groundwater Section
Asheville Regional Office

ESSI
P.O. BOX 1449
HOUSTON, TX. 77251
(713) 868-9521

ESSI
P.O. BOX 840
CORAOPOLIS, PENNSYLVANIA 15108
(412) 269-9600

August 3, 1989

Mr. Donald R. Link
Dept. of Natural Resources and Community Development
Hydrogeological Regional Supervisor
Interchange Building
59 Woodfin Place
Asheville, NC 28801

Subject: Supplement Groundwater Investigation
Tri-County Community College
Groundwater Incident No. 3571
Cherokee County, North Carolina

Dear Mr. Link:

In response to your request for additional steps on July 18, 1989, the following information is being provided. We have discussed the recommendations with Mr. Vincent Crisp and apprised him of the costs involved in conducting the required tests.

Step 1. We have provided a drawing of the layout of sewer lines in relationship to well B1. The approximate distance between well B1 and the sanitary sewer line is 17 feet.

Step 2. In order to ensure that the desired information is obtained from the pump test in an economical fashion, the test will be performed in two phases. In the preliminary phase, the logistics of the pump test will be worked out, the pumping capacity of the existing production well pump will be measured, and the well effective radius of influence after several hours at full pumping capacity determined. If it can be confirmed that the radius of influence of the existing well/pump is adequate to effectively contain/remediate the plume and that monitoring wells are at a usable spacing, the final phase or full scale instrumented pump test can be performed using the existing wells and pumps.

Should the existing well's radius of influence be inadequate to remediate the contaminant plume or the aquifer have inadequate yield to support long term pumping at maximum discharge, evaluation will be made as to whether monitoring wells at an intermediate spacing are required or whether a pump of different capacity or a deeper pump pickup will be needed to effectively perform the test.

The full scale pump test will be designed to provide relevant aquifer geohydrologic parameters including the transmissivity, storativity, and the specific yield of the aquifer(s) and the radius of influence of the recovery well. Production Well #1 will be used as the pumped well and the existing Wells B-1, B-2, B-4 and Production Well #2 as observation wells. The test will consist of drawdown and recovery phases. During the drawdown phase, the pump discharge will be controlled at a constant flow rate. The pumping well and observation wells will be ceased to initiate the recovery phase. The pumping and observation wells will be equipped with pressure transducers to provide a continuous water level measurement capability. The transducers will be coupled with an In-Situ (trademark) Hermit SE 2000 field data recorder to allow continuous stand-alone measurement and recording of water level fluctuations. Changes in barometric pressure at the site will also be recorded. Documentation and interpretation of test results will be presented in a report of investigations to include recommendations for remediation of the groundwaters underlying the site.

Because of the limited financial resources available to the college, the Pump Test and future remedial actions will be addressed as funds are available. It is not possible at this time to commit to a time frame until funds can be identified.

Step 3: Soil samples were collected 7/20/89 and are currently being analyzed.

If you have questions, please do not hesitate to contact me or Don Allen at (704) 258-8888.

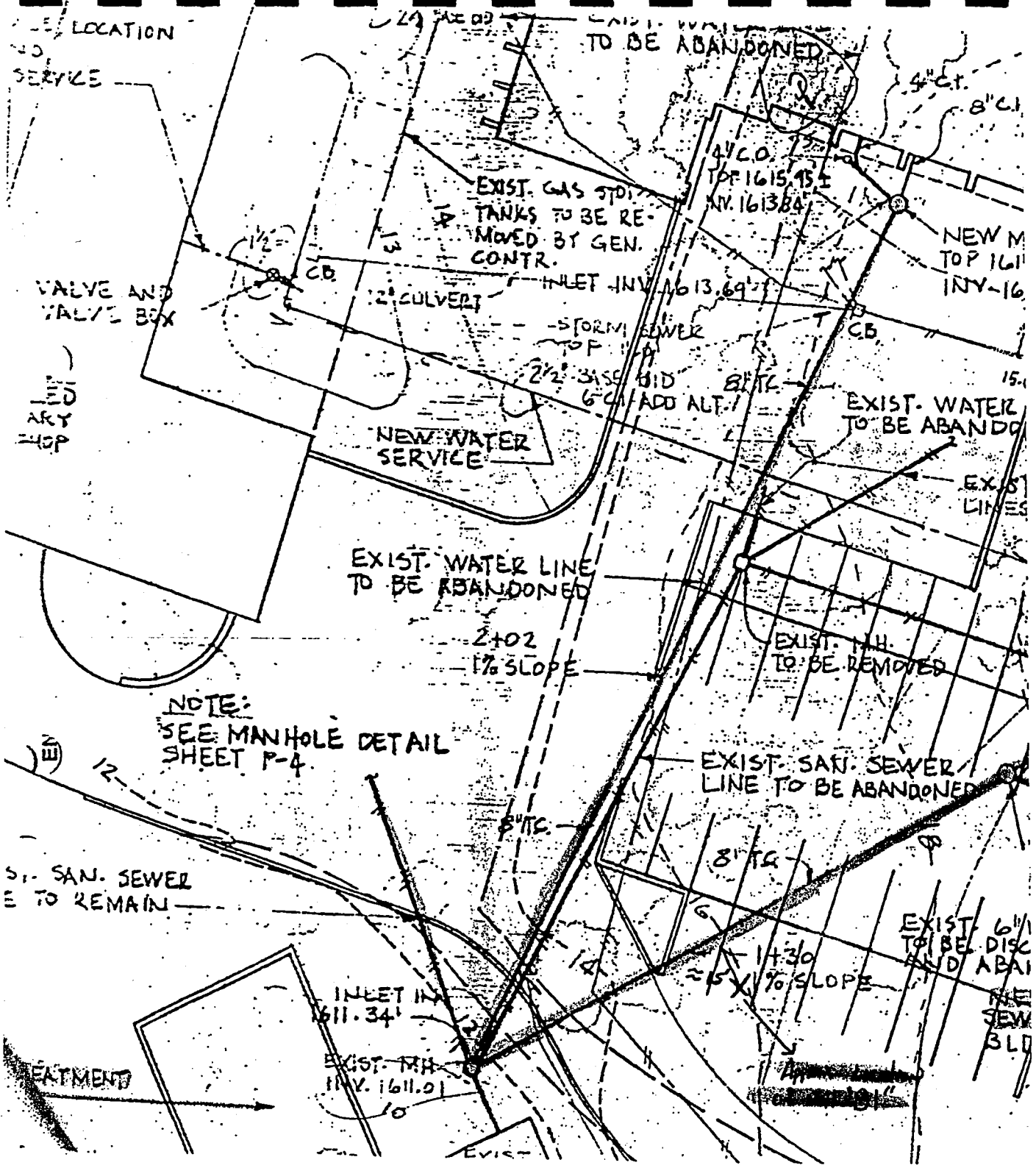
Sincerely,

Edward T. Rochelle
Director Technical Services

ER:bk

cc: Vincent Crisp
Don Allen

ER908005.ARC


LOCATION
SERVICE
TO BE ABANDONED
4" C.I.
8" C.I.
4" C.O.
TOP 1615.15±
INV. 1613.84±
EXIST. GAS STD.
TANKS TO BE RE-
MOVED BY GEN.
CONTR.
NEW M
TOP 161
INV. 16
VALVE AND
VALVE BOX
C.B.
INLET INV. 1613.69±
2' CULVERT
STORM SEWER
TOP
C.B.
2½" BASE BID
6" ADD ALT.
8" TC
EXIST. WATER
TO BE ABANDO
NEW WATER
SERVICE
EXIST.
LINES
EXIST. WATER LINE
TO BE ABANDONED
2+02
1% SLOPE
EXIST. M.H.
TO BE REMOVED
NOTE:
SEE MANHOLE DETAIL
SHEET P-4
EXIST. SAN. SEWER
LINE TO BE ABANDONED
8" TC
8" TC
SAN. SEWER
TO REMAIN
EXIST. 6"
TO BE DISC
AND ABA
1+30
≈5% 1% SLOPE
INLET IN
1611.34'
EXIST. M.H.
INV. 1611.01
EATMENT
EXIST.

REFERENCE 15

ENERGY SUPPORT SERVICES, INC.
P.O. Box 6098
ASHEVILLE, NORTH CAROLINA 28816
(704) 258-8888

GWS-ARO
9/14/89

ESSI
P.O. BOX 1449
HOUSTON, TX. 77251
(713) 868-9521

Kevin Miller

ESSI
P.O. BOX 840
CORAOPOLIS, PENNSYLVANIA 15108
(412) 269-9600

September 14, 1989

Mr. Donald R. Link
Hydrogeological Regional Supervisor
N. C. Department Natural Resources

Subject: Supplement Groundwater Investigation
Tri-County Community College
Groundwater Incident No. 3371
Cherokee County, North Carolina

Dear Mr. Link:

In response to your department's request for a soil sample to be taken at the well site B1, you will find the following results. The Chain of Custody sheet is also attached indicating sample location.

If you have any questions, please contact me at (704) 258-8888.

Sincerely,

Edward T. Rochelle

Edward T. Rochelle
Director Technical Services

ER:bk

cc: Vincent Crisp

ER909025.ARC

Received
GWS-ARO
9/14/89

Log #: 0002

ENVIRONMENTAL SAMPLE LOG

Sample I.D. #: 88-366E1 Sample Date: 7/20/89
Sample Collector: Don Allen Sample Time: 1605
Company: TCCC
Contact Person: Vincent Crisp

Sample Type: Soil Description: Soil sample 1 ft. NW of monitor well B1 at a depth of 5 ft.

Container Type: 1000 ml Mason Jar Sample Vol.: 1000 ml

Sampling Location: Tonawanda Coke Corp. 1 ft NW of monitor well B1 at a depth of 5 ft

EPA Lab: Wade Water Services Date Shipped: 7/21/89

Analysis Requested: [illegible]

Date Results Expected: [illegible] Date Received: 9/13/89

Results: The only detectable contaminant was Methylene Chloride at a concentration of 110 ug/Kg.

C.O.C.: _____ Sample Request: ✓ Results: ✓

PURGEABLE HALOCARBONS
EPA METHOD 601 COMPOUNDS

IEA Sample Number: 344-137-1
Sample Identification: 88-366 E1
Date Analyzed: 08/02/89 By: Casto

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Chloromethane	1.0	BQL
2	Bromomethane	1.0	BQL
3	Vinyl Chloride	1.0	BQL
4	Dichlorodifluoromethane	1.0	BQL
5	Chloroethane	1.0	BQL
6	Methylene chloride	1.0	10
7	Trichlorofluoromethane	1.0	BQL
8	1,1-Dichloroethene	1.0	BQL
9	1,1-Dichloroethane	1.0	BQL
10	trans-1,2-Dichloroethene	1.0	BQL
11	Chloroform	1.0	BQL
12	1,2-Dichloroethane	1.0	BQL
13	1,1,1-Trichloroethane	1.0	BQL
14	Carbon tetrachloride	1.0	BQL
15	Bromodichloromethane	1.0	BQL
16	1,2-Dichloropropane	1.0	BQL
17	cis-1,3-Dichloropropene	1.0	BQL
18	Trichloroethene	1.0	BQL
19	trans-1,3-Dichloropropene	1.0	BQL
20	1,1,2-Trichloroethane	1.0	BQL
21	Dibromochloromethane	1.0	BQL
22	2-Chloroethylvinyl ether	1.0	BQL
23	Bromoform	1.0	BQL
24	Tetrachloroethene	1.0	BQL
25	1,1,2,2-Tetrachloroethane	1.0	BQL
26	Chlorobenzene	1.0	BQL
27	1,3-Dichlorobenzene	1.0	BQL
28	1,2-Dichlorobenzene	1.0	BQL
29	1,4-Dichlorobenzene	1.0	BQL

Comments:

BQL = Below Quantitation Limit

REFERENCE 16

BLUE RIDGE ENVIRONMENTAL SERVICES, INC.

2315 Kings Road Ext.
Shelby, North Carolina 28152
(704) 482-2111
Fax (704) 482-4335

RECEIVED
AUG 07 2006

July 31, 2006

Ms. Meg Howard
Asheville Regional Office
NCDENR

2090 US Highway 70
Swannanoa, North Carolina 28778

RE: Tri-County Community College
Semi Annual Sampling Report
Cherokee County, North Carolina
Groundwater Incident No. 3371

Dear Ms. Howard:

Please find enclosed the analytical results for the semi-annual sampling event conducted at the above referenced site. On July 7, 2006 Blue Ridge Environmental personnel purged and sampled monitoring wells MW-1 through MW-6 . Production Well No. 1 (PW-1) was also sampled at this time. The groundwater samples were submitted to a state certified laboratory for analysis by EPA Method 601.

The total gallons of wastewater pumped from PW-1 was recorded on July 7, 2006 and is shown below. The number of gallons pumped between the previous reading in January 2006 and this reading was 2,430,067 gallons.

Meter Reading of Gallons of Wastewater Pumped from Production Well #1

Date of Reading	Reading at Time of Sampling
March 13, 1996	36,903,712 gal.
June 12, 1996	38,291,985 gal.
September 26, 1996	40,095,636 gal.
December 12, 1996	41,404,010 gal.
May 29, 1997	44,170,497 gal.
December 18, 1997	47,074,417 gal.
July 1, 1998	51,050,395 gal.
December 3, 1998	52,609,500 gal.

Recycled Paper

Date of Reading (cont)	Reading at Time of Sampling
June 29, 1999	58,767,000 gal.
December 29, 1999	58,767,000 gal.
June 23, 2000	61,723,900 gal.
December 15, 2000*	2,246,110 gal.
June 25, 2001	5,304,697 gal
December 14, 2001	8,033,440 gal
July 24, 2002+	1,445,460 gal
December 17, 2002	3,722,460 gal
September 4, 2003	7,495,400 gal
January 6, 2004	9,160,770 gal
June 22, 2004+	1,724,330 gal
January 5, 2005	4,596,365 gal
June 26, 2005	7,462,651 gal
January 9, 2006+	508,605 gal
July 7, 2006	2,938,672 gal

Notes:

* A new flow meter was installed on July 26, 2000.
+ Meter resets at 9,999,999.

Of the target EPA 601 parameters, trichloroethene (TCE) was detected above the state 2L standard of 2.8 ug/L in monitor wells MW-1, MW-2, MW-3. Laboratory results from the production well PW-1 (also referred to as recovery well RW-1 and in the enclosed laboratory report as WSW-1) indicated a TCE level of 7 ug/L. During this sampling event, cis-1,2 dichloroethene was also detected at 7 ug/L in MW-3. All other reported lab results were below the method detection limit. Please refer to the table below for a summary of analytical data reported during this sampling event.

- Summary of Laboratory Analytical Results (ug/L) Groundwater samples obtained on July 7, 2006			
Well No.	Trichlolorethene	1,1 Dichloroethene	CIS-1,2-Dichloroethene
MW-1	8.5	BRL	BRL
MW-2	150	BRL	BRL
MW-3	190	BRL	7
MW-4	BRL	BRL	BRL
MW-5	BRL	BRL	BRL
MW-6	BRL	BRL	BRL
PW-1 (RW-1)	7	BRL	BRL

Notes BRL - Below Reporting Limit
All samples reported in ug/L.

Also refer to Table 1 for a historical summary of groundwater laboratory results over time. Graphical representation of TCE levels over time is enclosed as Chart A. Depth to groundwater measurements are presented in Table 2 - Relative Groundwater Elevations. A map depicting TCE concentrations for this sampling event is enclosed as Figure 1 and a water-table contour map as Figure 2.

Blue Ridge recommends the continued operation of the onsite pumping well, and the semi-annual sampling of the monitor wells. Per the schedule outlined in a letter from the ARO dated March 4, 1997, the next report will be submitted to your office by January 30, 2006. Please note that the production well, PW-2 was destroyed during construction of a new building on the property which was located above the former well. PW-2 had not been in operation since 1993.

In response to your request for a system enhancement plan in a letter dated December 7, 2005, Blue Ridge has contacted Regenesis of Greenville, SC to perform an evaluation of the site based on site specific data that we provided to them. We expect the results from their evaluation within 10 to 15 days. A copy of the findings will be submitted to your office along with Blue Ridge's recommendations at that time. Additionally, per your letter dated March 28, 2006, monitor wells MW-2, MW-3 and MW-4 have been property secured with well caps and locks.

If you should have any questions regarding this submittal, please do not hesitate to contact our office at (704) 482-2111.

Respectfully Submitted:
BLUE RIDGE ENVIRONMENTAL SERVICES, INC.

Robin A. Bailey
Environmental Scientist

Joseph W. McMurray, P.G.
Registration No. G382

NORTH CAROLINA LICENSED SEAL 1382 PROFESSIONAL GEOLOGIST JOSEPH WILLIAM McMURRAY

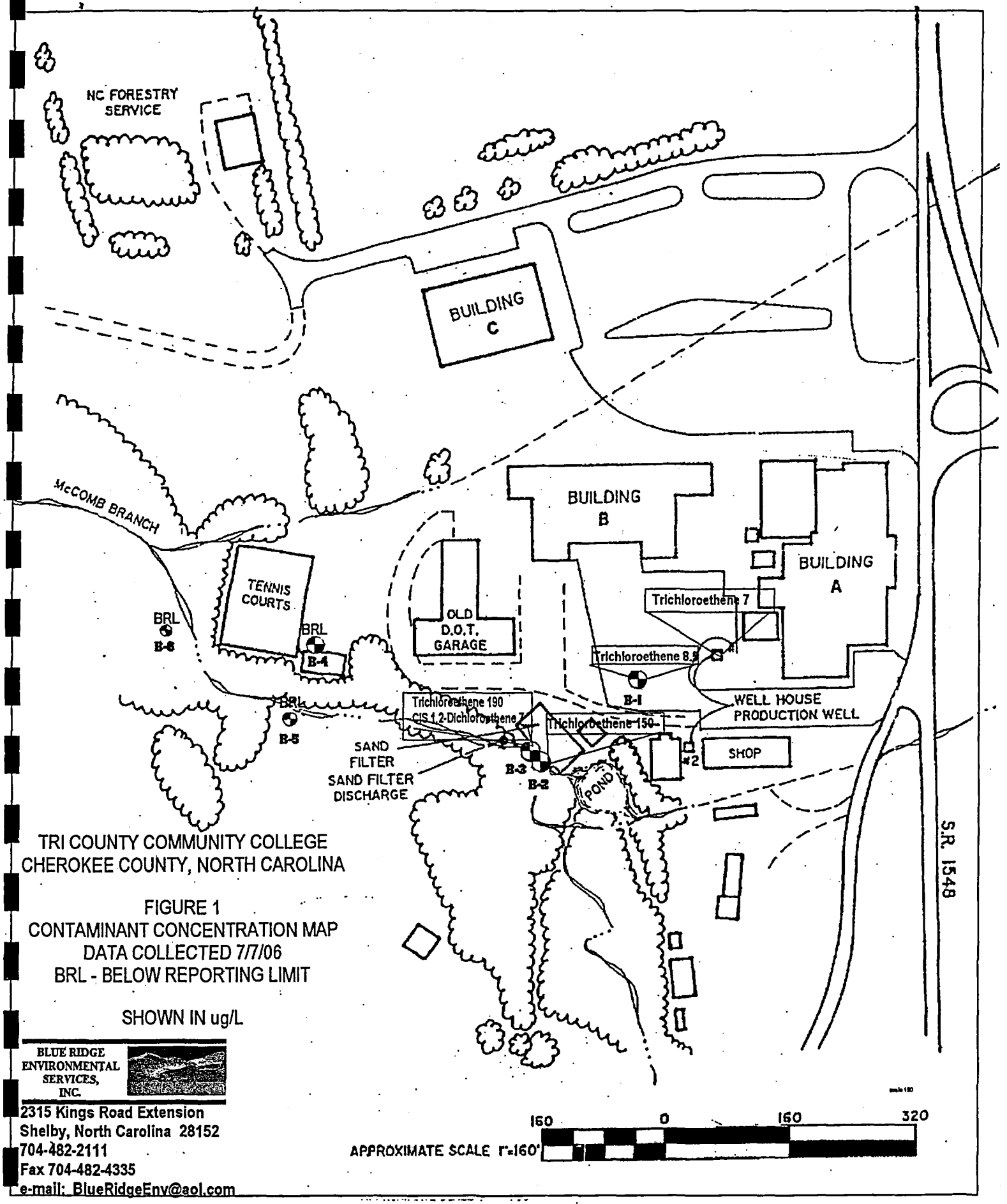
cc. Jan Westmoreland, Tri-County Community College

ENCLOSURES

Figure 1 - TCE Isoconcentration Map
Figure 2 - Water Table Map

Table 1 - Select Summary of Groundwater Analytical Results
Table 2 - Relative Groundwater Elevations

Appendix A - Laboratory Analytical Report and Chain of Custody



TRI COUNTY COMMUNITY COLLEGE
CHEROKEE COUNTY, NORTH CAROLINA

FIGURE 1
CONTAMINANT CONCENTRATION MAP
DATA COLLECTED 7/7/06
BRL - BELOW REPORTING LIMIT

SHOWN IN ug/L

BLUE RIDGE ENVIRONMENTAL SERVICES, INC.
2315 Kings Road Extension
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TABLE 1
Select Summary of Ground Water Laboratory Analysis Results*

Tri-County Community College
Groundwater Incident No. 3371
Cherokee County, North Carolina

EPA METHOD 601

Sampling Date:	5/19/90	12/7/90	2/4/91	12/14/92	4/1/93	6/22/93	9/29/93	12/16/93	3/23/94	6/20/94	9/20/94	1/4/95	3/29/95	7/6/95	9/1/95	12/14/95	3/13/96	6/12/96	9/26/96	12/12/96	5/29/97	12/18/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/25/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No: MW-1																																							
Trichloroethene	3500	1200	930	BQL	90	83	44	38	167	62	210	46	106	43	40	50	42	37	21	31	24	29	12	BQL	13	20	9.9	9.4	10	9.2	14	7.6	16	14	12	7.6	8.4	7.1	8.5
1,1-Dichloroethene	BQL	13	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1,1-Trichloroethane	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Tetrachloroethene	BQL	BQL	BQL	109	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Methylene Chloride	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Sampling Date:	5/19/90	12/7/90	2/4/91	12/14/92	4/1/93	6/22/93	9/29/93	12/16/93	3/23/94	6/20/94	9/20/94	1/4/95	3/29/95	7/6/95	9/1/95	12/14/95	3/13/96	6/12/96	9/26/96	12/12/96	5/29/97	12/18/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/25/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No: MW-2																			NS																				
Trichloroethene	430	230	400	BQL	127	184	480	162	460	135	128	440	800	670	900	1100	1000	3		830	640	610	510	240	13	870	320	8.7	470	630	310	190	BQL	13	140	300	160	180	150
1,1-Dichloroethene	BQL	10	BQL	BQL	10	BQL	BQL	5	BQL	7	7	BQL	7	BQL	6	6	6	BQL		BQL	BQL	1	BQL	4	BQL	3.7	BQL	BQL	2.4	1.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1,1-Trichloroethane	BQL	6	BQL	BQL	2	BQL	BQL	2	5	22	22	1	3	BQL	7	BQL	4	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Tetrachloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Methylene Chloride	BQL	BQL	BQL	BQL	1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
CIS-1,3-Dichloropropene																										BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
CIS-1,2-Dichloroethene																											6.4	BQL	BQL	BQL	12	8	BQL	BQL	9.7	BQL	7.7J	BRL	BRL
1,2-Dichloropropane																																15	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Sampling Date:	5/18/90	12/4/90	2/4/91	12/14/92	4/1/93	6/22/93	9/29/93	12/16/93	3/23/94	6/20/94	9/20/94	1/4/95	3/29/95	7/6/95	9/1/95	12/14/95	3/13/96	6/12/96	9/26/96	12/12/96	5/29/97	12/18/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/25/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No: MW-3																			NS																				
Trichloroethene	1000	1400	1400	BQL	680	374	600	162	870	164	5400	920	1100	860	970	1600	1100	6		760	700	600	360	410	11	500	260	8.8	430	360	480	490	BQL	12	220	200	210	190	190
1,1-Dichloroethene	BQL	BQL	730	BQL	BQL	701	BQL	5	BQL	BQL	BQL	BQL	43	BQL	BQL	BQL	39	BQL		BQL	BQL	BQL	BQL	730	BQL	BQL	BQL	BQL	BQL	BQL	2.5	4.6	BQL	BQL	1.6	BQL	.74J	BRL	BRL
1,1,1-Trichloroethane	BQL	BQL	BQL	BQL	4	5	BQL	2	50	6	BQL	2	5	3	4	BQL	5	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.54J	BQL	BQL	BRL	BRL
Tetrachloroethene	BQL	BQL	BQL	134	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Methylene Chloride	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Trichlorofluoromethane															2	4	2	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Chloroform																						4		2		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
CIS-1,3-Dichloropropene																								1		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
CIS-1,2-Dichloroethene																										7.9	6.8	BQL	2.9	7.4	BQL	1	BQL	BQL	.97J	10	1.3	7.4	7
1,2-Dichloropropane																																31	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Sampling Date:	5/19/90	12/4/90	2/4/91	12/14/92	4/1/93	6/22/93	9/29/93	12/16/93	3/23/94	6/20/94	9/20/94	1/4/95	3/29/95	7/6/95	9/1/95	12/14/95	3/13/96	6/12/96	9/26/96	12/12/96	5/29/97	12/18/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/25/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No: MW-4																																							
Trichloroethene	2	2	2	BQL	3	BQL	2	5	3	4	4	2	BQL	2	2	2	1	1	2	2	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1-Dichloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1,1-Trichloroethane	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Tetrachloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Methylene Chloride	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Sampling Date:	5/19/90	12/4/90	2/4/91	12/14/92	4/1/93	6/22/93	9/29/93	12/16/93	3/23/94	6/20/94	9/20/94	1/4/95	3/29/95	7/6/95	9/1/95	12/14/95	3/13/96	6/12/96	9/26/96	12/12/96	5/29/97	12/18/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/25/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No: MW-5																NS						NS																	
Trichloroethene	3	6	3	BQL	BQL	3	5	3	3	3	3	1	3	3	3		2	1	2	2	1		BQL	BQL	BQL	1.8	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1-Dichloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1,1-Trichloroethane	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Tetrachloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL			BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Methylene Chloride	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL			BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Sampling Date:	5/18/90	12/4/90	2/4/91	12/14/92	4/1/93	6/22/93	9/29/93	12/16/93	3/23/94	6/20/94	9/20/94	1/4/95	3/29/95	7/6/95	9/1/95	12/14/95	3/13/96	6/12/96	9/26/96	12/12/96	5/29/97	12/18/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/25/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No: MW-6																																							
Trichloroethene	BQL	2	BQL	BQL	BQL	BQL	2	2	1	1	2	1	BQL	2	2	2	1	2	2	2	1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1-Dichloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1,1-Trichloroethane	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Tetrachloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Methylene Chloride	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL

Sampling Date:	5/19/90	7/22/90	12/7/90	1/22/91	2/4/91	3/4/91	12/14/92	4/1/93	6/22/93	9/29/93	12/16/93	3/23/94	6/20/94	9/20/94	1/4/95	3/29/95	7/6/95	9/1/95	12/14/95	3/13/96	6/12/96	9/26/96	12/12/96	5/29/97	12/18/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/25/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No: PW-1																											NS																
Trichloroethene	450	350	500	62	480	430	BQL	111	228	250	110	154	68	63	98	47	193	270	180	180	120	180	150	86	21	28		37	91	38	38	67	46	30	32	28	16	20	11	11	7.7	7
1,1-Dichloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,1,1-Trichloroethane	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Tetrachloroethene	BQL	BQL	BQL	BQL	BQL	BQL	63	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Methylene Chloride	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BRL	BRL
1,2-Dichloropropane																																			1.6	BQL	BQL	BQL	BQL	BQL	BRL	BRL
Sampling Date:	NS	NS	12/7/90	NS	2/4/91	3/4/91	12/14/92	4/1/93	6/22/93	9/29/93	12/16/93	3/23/94	6/20/94	9/20/94	1/4/95	3/29/95	7/6/95	9/1/95	12/14/95	3/13/96	6/12/96	9/26/96	12/12/96	5/29/97	12/18/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/25/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No: PW-2	NS	NS		NS	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene			470				BQL																																			
1,1-Dichloroethene			92				BQL																																			
1,1,1-Trichloroethane			BQL				BQL																																			
Tetrachloroethene			BQL				BQL																																			
Methylene Chloride			BQL				BQL																																			

NOTES:

BQL - BELOW QUANTITATION LIMIT

NS - NOT SAMPLED

RESULTS IN PARTS PER BILLION

TABLE 2
Historical Summary of Groundwater Elevations
Tri-County Community College
Groundwater Incident No. 3371
Cherokee County, North Carolina

Date			7/1/90	2/1/91	4/1/91	12/1/92	4/1/93	6/1/93	9/1/93	12/1/93	3/1/94	6/1/94	9/1/94	1/1/95	3/1/95	7/1/95	9/1/95	12/1/95	3/1/96	6/1/96	9/1/96	12/1/96	5/1/97	12/1/97	7/1/98	12/3/98	6/29/99	12/29/99	6/23/00	12/15/00	6/26/01	12/14/01	7/24/02	12/17/02	9/4/03	1/6/04	6/22/04	1/5/05	6/27/05	1/9/06	7/7/06
Well No.	MW-1	TD: 60'																																							
TOC Elevation			987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.5	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48	987.48
Groundwater Level			13.42	13.31	14.83	15.5	13.75	16.22	16.81	16.01	14.58	15.54	14.82	15.96	14.85	16.23	16.69	15.72	15.08	15.61	15.81	15.62	15.08	14.74	17.04	16.72	16.95	18.77	17.62	19.44	17.64	18.08	19.89	16.07	18.08	17.14	17.98	17.47	17.19	16.44	17.25
Groundwater Elevation			***974.06***	***974.17***	***972.65***	***971.98***	***973.73***	***971.26***	***970.67***	***971.47***	***972.9***	***971.94***	***972.66***	***971.52***	***972.63***	***971.25***	***970.79***	***971.76***	***972.4***	***971.87***	***971.67***	***971.86***	***972.4***	***972.74***	***970.44***	***970.76***	***970.53***	***968.71***	***969.86***	***968.04***	***969.84***	***969.4***	***967.59***	***971.41***	***969.4***	***970.34***	***969.5***	***970.01***	***970.29***	***971.04***	***970.23***
Well No.	MW-2	TD: 65'																																							
TOC Elevation			976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3	976.3
Groundwater Level			5.25	4.69	5.96	6.1	4.76	6.5	7.03	6.47	5.49	6.29	5.79	6.53	5.7	6.71	6.95	6.4	5.79	6.12	NR	6.22	5.71	6.9	6.74	6.59	6.63	8.97	7.72	8.83	8.7	8.31	8.63	8.2	7.52	13.61	7.06	6.96	6.75	6.35	6.78
Groundwater Elevation			***971.05***	***971.61***	***970.34***	***970.2***	***971.54***	***969.8***	***969.27***	***969.83***	***970.81***	***970.01***	***970.51***	***969.77***	***970.6***	***969.59***	***969.35***	***969.9***	***970.51***	***970.18***		***970.08***	***970.6***	***969.4***	***969.56***	***969.71***	***969.67***	***967.33***	***968.58***	***967.47***	***967.6***	***967.99***	***967.67***	***968.1***	***968.78***	***962.69***	***969.24***	***969.34***	***969.55***	***969.95***	***969.52***
Well No.	MW-3	TD:30'																																							
TOC Elevation			976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.4	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44	976.44
Groundwater Level			6	5.96	6.25	5.3	5.59	6.37	6.67	6.41	6.02	6.34	6.09	6.57	6.16	6.61	6.32	6.43	6.23	6.62	NR	6.28	5.78	6.21	6.73	6.54	6.68	8.95	7.96	8.91	8.78	8.85	9.11	8.47	6.31	13.47	7.49	6.73	6.86	6.37	6.48
Groundwater Elevation			***970.44***	***970.48***	***970.19***	***971.14***	***970.85***	***970.07***	***969.77***	***970.03***	***970.42***	***970.1***	***970.35***	***969.87***	***970.28***	***969.83***	***970.12***	***970.01***	***970.21***	***969.82***		***970.16***	***970.7***	***970.23***	***969.71***	***969.9***	***969.76***	***967.49***	***968.48***	***967.53***	***967.66***	***967.59***	***967.33***	***967.97***	***970.13***	***962.97***	***968.95***	***969.71***	***969.58***	***970.07***	***969.96***
Well No.	MW-4	TD: 150'																																							
TOC Elevation			966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.5	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54	966.54
Groundwater Level			3.42	3.55	3.02	3	1.73	3.79	4.61	3.75	2.19	3.38	2.82	3.3	2.2	3.91	4.32	3.1	1.97	2.29	3.12	2.96	2.72	3.52	2.75	6.3	4.29	6.14	5.05	6.23	4.34	6.84	7.87	7.46	8.76	4.19	5.47	4.18	3.44	3.05	3.57
Groundwater Elevation			***963.12***	***962.99***	***963.52***	***963.54***	***964.81***	***962.75***	***961.93***	***962.79***	***964.35***	***963.16***	***963.72***	***963.24***	***964.34***	***962.63***	***962.22***	***963.44***	***964.57***	***964.25***	***963.42***	***963.58***	***963.8***	***963.02***	***963.79***	***960.24***	***962.25***	***960.4***	***961.49***	***960.31***	***962.2***	***959.7***	***958.67***	***959.08***	***957.78***	***962.35***	***961.07***	***962.36***	***963.1***	***963.49***	***962.97***
Well No.	MW-5	TD: 60'																																							
TOC Elevation			968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968	968
Groundwater Level			6.42	5.96	5.71	6.1	4.9	6.91	7.72	6.81	5.36	5.85	5.73	6.43	5.32	7.04	7.42	NR	5.2	5.62	5.61	5.41	4.93	COULDN'	5.8	4.62	5.16	8.71	8.21	9.61	8.02	8.36	9.02	9.01	6.09	9.02	6.17	5.71	6.57	6.16	6.54
Groundwater Elevation			***961.58***	***962.04***	***962.29***	***961.9***	***963.1***	***961.09***	***960.28***	***961.19***	***962.64***	***962.15***	***962.27***	***961.57***	***962.68***	***960.96***	***960.58***		***962.8***	***962.38***	***962.39***	***962.59***	***963.1***	LOCATE	***962.2***	***963.38***	***962.84***	***959.29***	***959.79***	***958.39***	***959.98***	***959.64***	***958.98***	***958.99***	***961.91***	***958.98***	***961.83***	***962.29***	***961.43***	***961.84***	***961.46***
Well No.	MW-6	TD: 40'																																							
TOC Elevation			963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.5	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46	963.46
Groundwater Level			7.58	7.42	7.58	8.15	7.13	8.05	8.4	8.12	7.28	7.79	7.7	8.01	7.83	8.22	8.41	7.98	7.24	7.71	7.81	7.69	7.15	8.14	7.67	6.81	6.415	5.31	5.72	7.82	5.51	6.81	6.98	6.72	8.11	11.67	8.3	7.66	6.97	7.99	8.1
Groundwater Elevation			***955.88***	***956.04***	***955.88***	***955.31***	***956.33***	***955.41***	***955.06***	***955.34***	***956.18***	***955.67***	***955.76***	***955.45***	***955.63***	***955.24***	***955.05***	***955.48***	***956.22***	***955.75***	***955.65***	***955.77***	***956.3***	***955.32***	***955.79***	***956.65***	***957.05***	***958.15***	***957.74***	***955.64***	***957.95***	***956.65***	***956.48***	***956.74***	***955.35***	***951.79***	***955.16***	***955.8***	***956.49***	***955.47***	***955.36***

NOTES: NR - No Reading

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-1
Prism Sample ID: 155422
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Purgeable Halocarbons by GC-ELCD									
1,1,1-Trichloroethane	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 4:19	erussell	Q16222
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.080	1	601/602	07/15/06 4:19	erussell	Q16222
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 4:19	erussell	Q16222
1,1-Dichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 4:19	erussell	Q16222
1,1-Dichloroethene	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 4:19	erussell	Q16222
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 4:19	erussell	Q16222
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 4:19	erussell	Q16222
1,2-Dichloroethane	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 4:19	erussell	Q16222
1,2 oropropane	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 4:19	erussell	Q16222
,3-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 4:19	erussell	Q16222
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 4:19	erussell	Q16222
Bromodichloromethane	BRL	µg/L	1.0	0.070	1	601/602	07/15/06 4:19	erussell	Q16222
Bromoform	BRL	µg/L	1.0	0.040	1	601/602	07/15/06 4:19	erussell	Q16222
Bromomethane	BRL	µg/L	5.0	0.12	1	601/602	07/15/06 4:19	erussell	Q16222
Carbon tetrachloride	BRL	µg/L	1.0	0.15	1	601/602	07/15/06 4:19	erussell	Q16222
Chlorobenzene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 4:19	erussell	Q16222
Chloroethane	BRL	µg/L	5.0	0.13	1	601/602	07/15/06 4:19	erussell	Q16222
Chloroform	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 4:19	erussell	Q16222
Chloromethane	BRL	µg/L	5.0	0.11	1	601/602	07/15/06 4:19	erussell	Q16222
cis-1,2-Dichloroethene	BRL	µg/L	1.0	0.25	1	601/602	07/15/06 4:19	erussell	Q16222
is-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 4:19	erussell	Q16222
Dibromochloromethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 4:19	erussell	Q16222
ichlorodifluoromethane	BRL	µg/L	5.0	0.23	1	601/602	07/15/06 4:19	erussell	Q16222
Methylene Chloride	BRL	µg/L	5.0	0.19	1	601/602	07/15/06 4:19	erussell	Q16222
Tetrachloroethene	BRL	µg/L	1.0	0.14	1	601/602	07/15/06 4:19	erussell	Q16222
ran Dichloroethene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 4:19	erussell	Q16222
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 4:19	erussell	Q16222

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-1
Prism Sample ID: 155422
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Trichloroethene	8.5	µg/L	1.0	0.090	1	601/602	07/15/06 4:19	erussell	Q16222
Trichlorofluoromethane	BRL	µg/L	5.0	0.31	1	601/602	07/15/06 4:19	erussell	Q16222
Vinyl chloride	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 4:19	erussell	Q16222

Surrogate	% Recovery	Control Limits
Bromochlorobenzene-ELCD	98	56 - 148

Sample Comment(s):

BRL Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 155423
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Purgeable Halocarbons by GC-ELCD									
1,1,1-Trichloroethane	BRL	µg/L	10	1.0	10	601/602	07/15/06 13:49	erussell	Q16222
1,1,2,2-Tetrachloroethane	BRL	µg/L	10	0.80	10	601/602	07/15/06 13:49	erussell	Q16222
1,1,2-Trichloroethane	BRL	µg/L	10	0.50	10	601/602	07/15/06 13:49	erussell	Q16222
1,1-Dichloroethane	BRL	µg/L	10	0.50	10	601/602	07/15/06 13:49	erussell	Q16222
1,1-Dichloroethene	BRL	µg/L	10	1.6	10	601/602	07/15/06 13:49	erussell	Q16222
1,2-Dibromoethane (EDB)	BRL	µg/L	10	0.60	10	601/602	07/15/06 13:49	erussell	Q16222
1,2-Dichlorobenzene	BRL	µg/L	10	1.7	10	601/602	07/15/06 13:49	erussell	Q16222
1,2-Dichloroethane	BRL	µg/L	10	0.90	10	601/602	07/15/06 13:49	erussell	Q16222
1,2-[illegible]oropropane	BRL	µg/L	10	0.60	10	601/602	07/15/06 13:49	erussell	Q16222
1,3-Dichlorobenzene	BRL	µg/L	10	1.7	10	601/602	07/15/06 13:49	erussell	Q16222
1,4-Dichlorobenzene	BRL	µg/L	10	1.7	10	601/602	07/15/06 13:49	erussell	Q16222
Bromodichloromethane	BRL	µg/L	10	0.70	10	601/602	07/15/06 13:49	erussell	Q16222
Bromoform	BRL	µg/L	10	0.40	10	601/602	07/15/06 13:49	erussell	Q16222
Bromomethane	BRL	µg/L	50	1.2	10	601/602	07/15/06 13:49	erussell	Q16222
Carbon tetrachloride	BRL	µg/L	10	1.5	10	601/602	07/15/06 13:49	erussell	Q16222
Chlorobenzene	BRL	µg/L	10	1.0	10	601/602	07/15/06 13:49	erussell	Q16222
Chloroethane	BRL	µg/L	50	1.3	10	601/602	07/15/06 13:49	erussell	Q16222
Chloroform	BRL	µg/L	10	0.60	10	601/602	07/15/06 13:49	erussell	Q16222
Chloromethane	BRL	µg/L	50	1.1	10	601/602	07/15/06 13:49	erussell	Q16222
cis-1,2-Dichloroethene	BRL	µg/L	10	2.5	10	601/602	07/15/06 13:49	erussell	Q16222
cis-1,3-Dichloropropene	BRL	µg/L	10	0.90	10	601/602	07/15/06 13:49	erussell	Q16222
Dibromochloromethane	BRL	µg/L	10	0.50	10	601/602	07/15/06 13:49	erussell	Q16222
Dichlorodifluoromethane	BRL	µg/L	50	2.3	10	601/602	07/15/06 13:49	erussell	Q16222
Methylene Chloride	BRL	µg/L	50	1.9	10	601/602	07/15/06 13:49	erussell	Q16222
Tetrachloroethene	BRL	µg/L	10	1.4	10	601/602	07/15/06 13:49	erussell	Q16222
trans-[illegible]Dichloroethene	BRL	µg/L	10	1.0	10	601/602	07/15/06 13:49	erussell	Q16222
trans-1,3-Dichloropropene	BRL	µg/L	10	0.90	10	601/602	07/15/06 13:49	erussell	Q16222

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 155423
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Trichloroethene	150	µg/L	10	0.90	10	601/602	07/15/06 13:49	erussell	Q16222
Trichlorofluoromethane	BRL	µg/L	50	3.1	10	601/602	07/15/06 13:49	erussell	Q16222
Vinyl chloride	BRL	µg/L	10	1.6	10	601/602	07/15/06 13:49	erussell	Q16222

Surrogate	% Recovery	Control Limits
Bromochlorobenzene-ELCD	95	56 - 148

Sample Comment(s):

BRL Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 155424
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Purgeable Halocarbons by GC-ELCD									
1,1,1-Trichloroethane	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 12:22	erussell	Q16222
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.080	1	601/602	07/15/06 12:22	erussell	Q16222
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 12:22	erussell	Q16222
1,1-Dichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 12:22	erussell	Q16222
1,1-Dichloroethene	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 12:22	erussell	Q16222
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 12:22	erussell	Q16222
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 12:22	erussell	Q16222
1,2-Dichloroethane	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 12:22	erussell	Q16222
1,2-[illegible]opropane	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 12:22	erussell	Q16222
1,3-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 12:22	erussell	Q16222
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 12:22	erussell	Q16222
Bromodichloromethane	BRL	µg/L	1.0	0.070	1	601/602	07/15/06 12:22	erussell	Q16222
Bromoform	BRL	µg/L	1.0	0.040	1	601/602	07/15/06 12:22	erussell	Q16222
Bromomethane	BRL	µg/L	5.0	0.12	1	601/602	07/15/06 12:22	erussell	Q16222
Carbon tetrachloride	BRL	µg/L	1.0	0.15	1	601/602	07/15/06 12:22	erussell	Q16222
Chlorobenzene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 12:22	erussell	Q16222
Chloroethane	BRL	µg/L	5.0	0.13	1	601/602	07/15/06 12:22	erussell	Q16222
Chloroform	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 12:22	erussell	Q16222
Chloromethane	BRL	µg/L	5.0	0.11	1	601/602	07/15/06 12:22	erussell	Q16222
cis-1,2-Dichloroethene	7.0	µg/L	1.0	0.25	1	601/602	07/15/06 12:22	erussell	Q16222
cis-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 12:22	erussell	Q16222
Dibromochloromethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 12:22	erussell	Q16222
Dichlorodifluoromethane	BRL	µg/L	5.0	0.23	1	601/602	07/15/06 12:22	erussell	Q16222
Methylene Chloride	BRL	µg/L	5.0	0.19	1	601/602	07/15/06 12:22	erussell	Q16222
Tetrachloroethene	BRL	µg/L	1.0	0.14	1	601/602	07/15/06 12:22	erussell	Q16222
trans [illegible] Dichloroethene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 12:22	erussell	Q16222
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 12:22	erussell	Q16222

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 155424
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Trichloroethene	190	µg/L	10	0.90	10	601/602	07/15/06 13:06	erussell	Q16222
Trichlorofluoromethane	BRL	µg/L	5.0	0.31	1	601/602	07/15/06 12:22	erussell	Q16222
Vinyl chloride	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 12:22	erussell	Q16222

Surrogate	% Recovery	Control Limits
Bromochlorobenzene-ELCD	97	56 - 148

Sample Comment(s):

BRL Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

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NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 155425
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Purgeable Halocarbons by GC-ELCD									
1,1,1-Trichloroethane	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 5:03	erussell	Q16222
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.080	1	601/602	07/15/06 5:03	erussell	Q16222
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 5:03	erussell	Q16222
1,1-Dichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 5:03	erussell	Q16222
1,1-Dichloroethene	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 5:03	erussell	Q16222
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 5:03	erussell	Q16222
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 5:03	erussell	Q16222
1,2-Dichloroethane	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 5:03	erussell	Q16222
1,2-D ropropane	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 5:03	erussell	Q16222
1,3-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 5:03	erussell	Q16222
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 5:03	erussell	Q16222
Bromodichloromethane	BRL	µg/L	1.0	0.070	1	601/602	07/15/06 5:03	erussell	Q16222
Bromoform	BRL	µg/L	1.0	0.040	1	601/602	07/15/06 5:03	erussell	Q16222
Bromomethane	BRL	µg/L	5.0	0.12	1	601/602	07/15/06 5:03	erussell	Q16222
Carbon tetrachloride	BRL	µg/L	1.0	0.15	1	601/602	07/15/06 5:03	erussell	Q16222
Chlorobenzene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 5:03	erussell	Q16222
Chloroethane	BRL	µg/L	5.0	0.13	1	601/602	07/15/06 5:03	erussell	Q16222
Chloroform	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 5:03	erussell	Q16222
Chloromethane	BRL	µg/L	5.0	0.11	1	601/602	07/15/06 5:03	erussell	Q16222
cis-1,2-Dichloroethene	BRL	µg/L	1.0	0.25	1	601/602	07/15/06 5:03	erussell	Q16222
cis-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 5:03	erussell	Q16222
Dibromochloromethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 5:03	erussell	Q16222
Dichlorodifluoromethane	BRL	µg/L	5.0	0.23	1	601/602	07/15/06 5:03	erussell	Q16222
Methylene Chloride	BRL	µg/L	5.0	0.19	1	601/602	07/15/06 5:03	erussell	Q16222
Tetrachloroethene	BRL	µg/L	1.0	0.14	1	601/602	07/15/06 5:03	erussell	Q16222
trans Dichloroethene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 5:03	erussell	Q16222
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 5:03	erussell	Q16222

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NC Certification No. 402
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NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 155425
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Trichloroethene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 5:03	erussell	Q16222
Trichlorofluoromethane	BRL	µg/L	5.0	0.31	1	601/602	07/15/06 5:03	erussell	Q16222
Vinyl chloride	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 5:03	erussell	Q16222

Surrogate	% Recovery	Control Limits
Bromochlorobenzene-ELCD	93	56 - 148

Sample Comment(s):

BRL elow Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
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07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 155426
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Purgeable Halocarbons by GC-ELCD									
1,1,1-Trichloroethane	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 5:47	erussell	Q16222
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.080	1	601/602	07/15/06 5:47	erussell	Q16222
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 5:47	erussell	Q16222
1,1-Dichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 5:47	erussell	Q16222
1,1-Dichloroethene	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 5:47	erussell	Q16222
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 5:47	erussell	Q16222
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 5:47	erussell	Q16222
1,2-Dichloroethane	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 5:47	erussell	Q16222
1,2-[illegible]oropropane	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 5:47	erussell	Q16222
1,3-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 5:47	erussell	Q16222
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 5:47	erussell	Q16222
Bromodichloromethane	BRL	µg/L	1.0	0.070	1	601/602	07/15/06 5:47	erussell	Q16222
Bromoform	BRL	µg/L	1.0	0.040	1	601/602	07/15/06 5:47	erussell	Q16222
Bromomethane	BRL	µg/L	5.0	0.12	1	601/602	07/15/06 5:47	erussell	Q16222
Carbon tetrachloride	BRL	µg/L	1.0	0.15	1	601/602	07/15/06 5:47	erussell	Q16222
Chlorobenzene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 5:47	erussell	Q16222
Chloroethane	BRL	µg/L	5.0	0.13	1	601/602	07/15/06 5:47	erussell	Q16222
Chloroform	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 5:47	erussell	Q16222
Chloromethane	BRL	µg/L	5.0	0.11	1	601/602	07/15/06 5:47	erussell	Q16222
cis-1,2-Dichloroethene	BRL	µg/L	1.0	0.25	1	601/602	07/15/06 5:47	erussell	Q16222
cis-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 5:47	erussell	Q16222
Dibromochloromethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 5:47	erussell	Q16222
Dichlorodifluoromethane	BRL	µg/L	5.0	0.23	1	601/602	07/15/06 5:47	erussell	Q16222
Methylene Chloride	BRL	µg/L	5.0	0.19	1	601/602	07/15/06 5:47	erussell	Q16222
Tetrachloroethene	BRL	µg/L	1.0	0.14	1	601/602	07/15/06 5:47	erussell	Q16222
tran[illegible] Dichloroethene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 5:47	erussell	Q16222
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 5:47	erussell	Q16222

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Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-5
Prism Sample ID: 155426
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Trichloroethene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 5:47	erussell	Q16222
Trichlorofluoromethane	BRL	µg/L	5.0	0.31	1	601/602	07/15/06 5:47	erussell	Q16222
Vinyl chloride	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 5:47	erussell	Q16222

Surrogate	% Recovery	Control Limits
Bromochlorobenzene-ELCD	91	56 - 148

Sample Comment(s):

BRL elow Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

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07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-6
Prism Sample ID: 155427
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Purgeable Halocarbons by GC-ELCD									
1,1,1-Trichloroethane	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 6:31	erussell	Q16222
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.080	1	601/602	07/15/06 6:31	erussell	Q16222
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 6:31	erussell	Q16222
1,1-Dichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 6:31	erussell	Q16222
1,1-Dichloroethene	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 6:31	erussell	Q16222
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 6:31	erussell	Q16222
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 6:31	erussell	Q16222
1,2-Dichloroethane	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 6:31	erussell	Q16222
1,2-D[illegible]ropropane	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 6:31	erussell	Q16222
1,3-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 6:31	erussell	Q16222
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 6:31	erussell	Q16222
Bromodichloromethane	BRL	µg/L	1.0	0.070	1	601/602	07/15/06 6:31	erussell	Q16222
Bromoform	BRL	µg/L	1.0	0.040	1	601/602	07/15/06 6:31	erussell	Q16222
Bromomethane	BRL	µg/L	5.0	0.12	1	601/602	07/15/06 6:31	erussell	Q16222
Carbon tetrachloride	BRL	µg/L	1.0	0.15	1	601/602	07/15/06 6:31	erussell	Q16222
Chlorobenzene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 6:31	erussell	Q16222
Chloroethane	BRL	µg/L	5.0	0.13	1	601/602	07/15/06 6:31	erussell	Q16222
Chloroform	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 6:31	erussell	Q16222
Chloromethane	BRL	µg/L	5.0	0.11	1	601/602	07/15/06 6:31	erussell	Q16222
cis-1,2-Dichloroethene	BRL	µg/L	1.0	0.25	1	601/602	07/15/06 6:31	erussell	Q16222
cis-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 6:31	erussell	Q16222
Dibromochloromethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 6:31	erussell	Q16222
Dichlorodifluoromethane	BRL	µg/L	5.0	0.23	1	601/602	07/15/06 6:31	erussell	Q16222
Methylene Chloride	BRL	µg/L	5.0	0.19	1	601/602	07/15/06 6:31	erussell	Q16222
Tetrachloroethene	BRL	µg/L	1.0	0.14	1	601/602	07/15/06 6:31	erussell	Q16222
trans [illegible] Dichloroethene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 6:31	erussell	Q16222
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 6:31	erussell	Q16222

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: MW-6
Prism Sample ID: 155427
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Trichloroethene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 6:31	erussell	Q16222
Trichlorofluoromethane	BRL	µg/L	5.0	0.31	1	601/602	07/15/06 6:31	erussell	Q16222
Vinyl chloride	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 6:31	erussell	Q16222

Surrogate	% Recovery	Control Limits
Bromochlorobenzene-ELCD	95	56 - 148

Sample Comment(s):

BRL = Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: PW-1
Prism Sample ID: 155428
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Purgeable Halocarbons by GC-ELCD									
1,1,1-Trichloroethane	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 7:14	erussell	Q16222
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.080	1	601/602	07/15/06 7:14	erussell	Q16222
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 7:14	erussell	Q16222
1,1-Dichloroethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 7:14	erussell	Q16222
1,1-Dichloroethene	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 7:14	erussell	Q16222
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 7:14	erussell	Q16222
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 7:14	erussell	Q16222
1,2-Dichloroethane	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 7:14	erussell	Q16222
1,2-[illegible]ropropane	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 7:14	erussell	Q16222
1,3-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 7:14	erussell	Q16222
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.17	1	601/602	07/15/06 7:14	erussell	Q16222
Bromodichloromethane	BRL	µg/L	1.0	0.070	1	601/602	07/15/06 7:14	erussell	Q16222
Bromoform	BRL	µg/L	1.0	0.040	1	601/602	07/15/06 7:14	erussell	Q16222
Bromomethane	BRL	µg/L	5.0	0.12	1	601/602	07/15/06 7:14	erussell	Q16222
Carbon tetrachloride	BRL	µg/L	1.0	0.15	1	601/602	07/15/06 7:14	erussell	Q16222
Chlorobenzene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 7:14	erussell	Q16222
Chloroethane	BRL	µg/L	5.0	0.13	1	601/602	07/15/06 7:14	erussell	Q16222
Chloroform	BRL	µg/L	1.0	0.060	1	601/602	07/15/06 7:14	erussell	Q16222
Chloromethane	BRL	µg/L	5.0	0.11	1	601/602	07/15/06 7:14	erussell	Q16222
cis-1,2-Dichloroethene	BRL	µg/L	1.0	0.25	1	601/602	07/15/06 7:14	erussell	Q16222
cis-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 7:14	erussell	Q16222
Dibromochloromethane	BRL	µg/L	1.0	0.050	1	601/602	07/15/06 7:14	erussell	Q16222
Dichlorodifluoromethane	BRL	µg/L	5.0	0.23	1	601/602	07/15/06 7:14	erussell	Q16222
Methylene Chloride	BRL	µg/L	5.0	0.19	1	601/602	07/15/06 7:14	erussell	Q16222
Tetrachloroethene	BRL	µg/L	1.0	0.14	1	601/602	07/15/06 7:14	erussell	Q16222
trans-[illegible] Dichloroethene	BRL	µg/L	1.0	0.10	1	601/602	07/15/06 7:14	erussell	Q16222
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.090	1	601/602	07/15/06 7:14	erussell	Q16222

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

07/19/06

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College
Sample Matrix: Water

Client Sample ID: PW-1
Prism Sample ID: 155428
COC Group: G0706184
Time Collected: 07/07/06
Time Submitted: 07/11/06 16:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Trichloroethene	7.0	µg/L	1.0	0.090	1	601/602	07/15/06 7:14	erussell	Q16222
Trichlorofluoromethane	BRL	µg/L	5.0	0.31	1	601/602	07/15/06 7:14	erussell	Q16222
Vinyl chloride	BRL	µg/L	1.0	0.16	1	601/602	07/15/06 7:14	erussell	Q16222

Surrogate	% Recovery	Control Limits
Bromochlorobenzene-ELCD	97	56 - 148

Sample Comment(s):

BRL Below Reporting Limit
J = Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

Angela D. Overcash, V.P. Laboratory Services

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Level II QC Report

7/19/2006

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College

COC Group Number: G0706184
Date/Time Submitted: 7/11/2006 16:00

Purgeable Halocarbons by GC-ELCD, method 601/602

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
1,1,1-Trichloroethane	ND	1	<0.5	µg/L	Q16222
1,1,2,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q16222
1,1,2-Trichloroethane	ND	1	<0.5	µg/L	Q16222
1,1-Dichloroethane	ND	1	<0.5	µg/L	Q16222
1,1-Dichloroethene	ND	1	<0.5	µg/L	Q16222
1,2-Dibromoethane (EDB)	ND	1	<0.5	µg/L	Q16222
1,2-Dichlorobenzene	ND	1	<0.5	µg/L	Q16222
1,2-Dichloroethane	ND	1	<0.5	µg/L	Q16222
1,2-Dichloropropane	ND	1	<0.5	µg/L	Q16222
1,3-Dichlorobenzene	ND	1	<0.5	µg/L	Q16222
1,4-Dichlorobenzene	ND	1	<0.5	µg/L	Q16222
Bromodichloromethane	ND	1	<0.5	µg/L	Q16222
Bromoform	ND	1	<0.5	µg/L	Q16222
Bromomethane	ND	5	<2.5	µg/L	Q16222
Carbon tetrachloride	ND	1	<0.5	µg/L	Q16222
Chlorobenzene	ND	1	<0.5	µg/L	Q16222
Chloroethane	ND	5	<2.5	µg/L	Q16222
Chloroform	ND	1	<0.5	µg/L	Q16222
Chloromethane	ND	5	<2.5	µg/L	Q16222
cis-1,2-Dichloroethene	ND	1	<0.5	µg/L	Q16222
cis-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q16222
Dibromochloromethane	ND	1	<0.5	µg/L	Q16222
Dichlorodifluoromethane	ND	5	<2.5	µg/L	Q16222
Methylene Chloride	ND	5	<2.5	µg/L	Q16222
Tetrachloroethene	ND	1	<0.5	µg/L	Q16222
trans-1,2-Dichloroethene	ND	1	<0.5	µg/L	Q16222
trans-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q16222
Trichloroethene	ND	1	<0.5	µg/L	Q16222
Trichlorofluoromethane	ND	5	<2.5	µg/L	Q16222
Vinyl chloride	ND	1	<0.5	µg/L	Q16222

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,1,1-Trichloroethane	17	20	µg/L	85	41 - 138	Q16222
1,1,2,2-Tetrachloroethane	17.311	20	µg/L	87	10 - 184	Q16222
1,1,2-Trichloroethane	16.439	20	µg/L	82	39 - 136	Q16222
1,1-Dichloroethane	17.96	20	µg/L	90	47 - 132	Q16222
1,1-Dichloroethene	19.597	20	µg/L	98	28 - 167	Q16222
1,2-Dibromoethane (EDB)	16.553	20	µg/L	83	78 - 131	Q16222
1,2-Dichlorobenzene	17.013	20	µg/L	85	37 - 154	Q16222
1,2-Dichloroethane	16.251	20	µg/L	81	51 - 147	Q16222
1,2-Dichloropropane	16.875	20	µg/L	84	44 - 156	Q16222

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Level II QC Report

7/19/2006

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College

COC Group Number: G0706184
Date/Time Submitted: 7/11/2006 16:00

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
1,3-Dichlorobenzene	16.763	20	µg/L	84	50 - 141	Q16222
1,4-Dichlorobenzene	16.946	20	µg/L	85	42 - 143	Q16222
Bromodichloromethane	17.57	20	µg/L	88	42 - 172	Q16222
Bromoform	16.098	20	µg/L	80	13 - 159	Q16222
Bromomethane	16.855	20	µg/L	84	10 - 144	Q16222
Carbon tetrachloride	16.807	20	µg/L	84	43 - 143	Q16222
Chlorobenzene	18.947	20	µg/L	95	38 - 150	Q16222
Chloroethane	19.559	20	µg/L	98	46 - 137	Q16222
Chloroform	16.978	20	µg/L	85	49 - 133	Q16222
Chloromethane	18.449	20	µg/L	92	10 - 193	Q16222
cis-1,2-Dichloroethene	20.079	20	µg/L	100	62 - 145	Q16222
cis-1,3-Dichloropropene	16.446	20	µg/L	82	22 - 178	Q16222
Dibromochloromethane	17.461	20	µg/L	87	24 - 191	Q16222
Dichlorodifluoromethane	15.755	20	µg/L	79	48 - 148	Q16222
Methylene Chloride	19.523	20	µg/L	98	25 - 162	Q16222
Tetrachloroethene	18.982	20	µg/L	95	26 - 162	Q16222
trans-1,2-Dichloroethene	18.534	20	µg/L	93	38 - 155	Q16222
trans-1,3-Dichloropropene	16.287	20	µg/L	81	22 - 178	Q16222
Trichloroethene	17.981	20	µg/L	90	35 - 146	Q16222
Trichlorofluoromethane	19.292	20	µg/L	96	21 - 156	Q16222
Vinyl chloride	19.029	20	µg/L	95	28 - 163	Q16222

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
155453	1,1,1-Trichloroethane	69.664	80	µg/L	87	41 - 138	Q16222
	1,1,2,2-Tetrachloroethane	71.824	80	µg/L	90	10 - 184	Q16222
	1,1,2-Trichloroethane	65.304	80	µg/L	82	39 - 136	Q16222
	1,1-Dichloroethane	72.332	80	µg/L	90	47 - 132	Q16222
	1,1-Dichloroethene	80.88	80	µg/L	101	28 - 167	Q16222
	1,2-Dibromoethane (EDB)	66.804	80	µg/L	84	75 - 130	Q16222
	1,2-Dichlorobenzene	70.912	80	µg/L	89	37 - 154	Q16222
	1,2-Dichloroethane	66.872	80	µg/L	84	51 - 147	Q16222
	1,2-Dichloropropane	68.176	80	µg/L	85	44 - 156	Q16222
	1,3-Dichlorobenzene	69.132	80	µg/L	86	50 - 141	Q16222
	1,4-Dichlorobenzene	70.08	80	µg/L	88	42 - 143	Q16222
	Bromodichloromethane	69.508	80	µg/L	87	42 - 172	Q16222
	Bromoform	64.86	80	µg/L	81	13 - 159	Q16222
	Bromomethane	66.404	80	µg/L	83	10 - 144	Q16222
	Carbon tetrachloride	69.496	80	µg/L	87	43 - 143	Q16222
	Chlorobenzene	79.176	80	µg/L	99	38 - 150	Q16222
	Chloroethane	80.624	80	µg/L	101	46 - 137	Q16222
	Chloroform	68.728	80	µg/L	86	49 - 133	Q16222
	Chloromethane	76.856	80	µg/L	96	10 - 193	Q16222
	cis-1,2-Dichloroethene	81.604	80	µg/L	102	57 - 137	Q16222

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Level II QC Report

7/19/2006

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College

COC Group Number: G0706184
Date/Time Submitted: 7/11/2006 16:00

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	QC Batch ID
	cis-1,3-Dichloropropene	64.332	80	µg/L	80	22 - 178	Q16222
	Dibromochloromethane	70.048	80	µg/L	88	24 - 191	Q16222
	Dichlorodifluoromethane	67.292	80	µg/L	84	47 - 143	Q16222
	Methylene Chloride	79.328	80	µg/L	99	25 - 162	Q16222
	Tetrachloroethene	79.036	80	µg/L	99	26 - 162	Q16222
	trans-1,2-Dichloroethene	75.188	80	µg/L	94	38 - 155	Q16222
	trans-1,3-Dichloropropene	64.164	80	µg/L	80	22 - 178	Q16222
	Trichloroethene	73.472	80	µg/L	92	35 - 146	Q16222
	Trichlorofluoromethane	79.9	80	µg/L	100	21 - 156	Q16222
	Vinyl chloride	78.376	80	µg/L	98	28 - 163	Q16222

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Range %	RPD %	RPD Range %	QC Batch ID
155453	1,1,1-Trichloroethane	64.484	80	µg/L	81	41 - 138	8	0 - 16	Q16222
	1,1,2,2-Tetrachloroethane	71.644	80	µg/L	90	10 - 184	0	0 - 14	Q16222
	1,1,2-Trichloroethane	64.54	80	µg/L	81	39 - 136	1	0 - 13	Q16222
	1,1-Dichloroethane	68.844	80	µg/L	86	47 - 132	5	0 - 14	Q16222
	1,1-Dichloroethene	79.16	80	µg/L	99	28 - 167	2	0 - 17	Q16222
	1,2-Dibromoethane (EDB)	65.58	80	µg/L	82	75 - 130	2	0 - 13	Q16222
	1,2-Dichlorobenzene	68.58	80	µg/L	86	37 - 154	3	0 - 15	Q16222
	1,2-Dichloroethane	61.728	80	µg/L	77	51 - 147	8	0 - 15	Q16222
	1,2-Dichloropropane	65.016	80	µg/L	81	44 - 156	5	0 - 12	Q16222
	1,3-Dichlorobenzene	65.516	80	µg/L	82	50 - 141	5	0 - 13	Q16222
	1,4-Dichlorobenzene	67.168	80	µg/L	84	42 - 143	4	0 - 14	Q16222
	Bromodichloromethane	67.416	80	µg/L	84	42 - 172	3	0 - 11	Q16222
	Bromoform	64.836	80	µg/L	81	13 - 159	0	0 - 10	Q16222
	Bromomethane	54.752	80	µg/L	68	10 - 144	19	0 - 21	Q16222
	Carbon tetrachloride	63.072	80	µg/L	79	43 - 143	10	0 - 14	Q16222
	Chlorobenzene	75.864	80	µg/L	95	38 - 150	4	0 - 12	Q16222
	Chloroethane	72.532	80	µg/L	91	46 - 137	11	0 - 18	Q16222
	Chloroform	65.012	80	µg/L	81	49 - 133	6	0 - 13	Q16222
	Chloromethane	71.676	80	µg/L	90	10 - 193	7	0 - 21	Q16222
	cis-1,2-Dichloroethene	76.736	80	µg/L	96	57 - 137	6	0 - 15	Q16222
	cis-1,3-Dichloropropene	63.26	80	µg/L	79	22 - 178	2	0 - 13	Q16222
	Dibromochloromethane	68.016	80	µg/L	85	24 - 191	3	0 - 10	Q16222
	Dichlorodifluoromethane	62.224	80	µg/L	78	47 - 143	8	0 - 21	Q16222
	Methylene Chloride	75.84	80	µg/L	95	25 - 162	4	0 - 16	Q16222
	Tetrachloroethene	73.8	80	µg/L	92	26 - 162	7	0 - 14	Q16222
	trans-1,2-Dichloroethene	71.444	80	µg/L	89	38 - 155	5	0 - 17	Q16222
	trans-1,3-Dichloropropene	63.236	80	µg/L	79	22 - 178	1	0 - 10	Q16222
	Trichloroethene	68.424	80	µg/L	86	35 - 146	7	0 - 14	Q16222
	Trichlorofluoromethane	74.376	80	µg/L	93	21 - 156	7	0 - 19	Q16222
	Vinyl chloride	74.584	80	µg/L	93	28 - 163	5	0 - 20	Q16222

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

7/19/2006

Blue Ridge Environmental Services
Attn: Joe McMurray
2315 Kings Road Extension
Shelby, NC 28152

Project ID: Tri County Community College

COC Group Number: G0706184
Date/Time Submitted: 7/11/2006 16:00

#-See Case Narrative

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BLUE RIDGE ENVIRONMENTAL SERVICES, INC.

2315 KINGS ROAD EXT.
SHELBY, N.C. 28152
704.482-2111
704-482.4335 (FAX)
E-mail: Blueridgeb@aol.com

CHAIN OF CUSTODY

PROJECT NAME/LOCATION: Tri-County Community College (TCCC)

GROUNDWATER INCIDENT #:

STF CODE:

P.O.#: 16269

LAB: Prism

SAMPLERS:

PROJECT MANAGER: J. McMurray

SAMPLE ID:	DATE:	TIME:	SOIL	WATER	SAMPLE DESCRIPTION	PRESERVATIVE	NUMBER OF CONTAINERS	601						REMARKS
MW-1	7·7·06			X			3	✓						155422
MW-2	↓			X			3	✓						155423
MW-3				X			3	✓						155424
MW-4				X			3	✓						155425
MW-5				X			3	✓						155426
MW-6				X			3	✓						155427
PW-1	↓			X			3	✓						155428
														G07066184

RELINQUISHED BY: (SIGN.)	DATE:	TIME:	RECEIVED BY: (SIGN.)	DATE:	TIME:
[signature]	7·10·06	1400	[signature]	7/11/06	1400
RELINQUISHED BY: (SIGN.) [signature]	DATE: 7/11/06	TIME: 1600	RECEIVED BY: (SIGN.) [signature]	DATE:	TIME:

Tem 1.9

REFERENCE 17

U.S. ENVIRONMENTAL PROTECTION AGENCY

Facility Registry System (FRS)

Facility Detail Report

Report an Error

FRS

Facility Name:	TRI COUNTY COMMUNITY COLLEGE
Location Address:	2300 HWY 64 E
Supplemental Address:	
City Name:	MURPHY
State	NC
County Name:	CHEROKEE
ZIP/Postal Code:	28906
EPA Region:	04
Congressional District Number:	11
Legislative District Number:	
HUC Code:	06020002
Federal Facility:	
US Mexico Border Indicator:	NO
Tribal Land :	NO
Latitude:	35.060768
Longitude:	-84.063867
Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point Description:	
Duns Number:	790995724
Registry ID:	110006070036

Map this facility

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
RCRAINFO	NCD982144438	CESQG (ACTIVE)	NOTIFICATION (RCRA)	10/01/1996	

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
FACILITY MAILING ADDRESS	2300 HWY 64 E	MURPHY	NC	28906	RCRAINFO
REGULATORY CONTACT	2300 HWY 64 E	MURPHY	NC	28906	RCRAINFO
CONTACT / OWNER	2300 HWY 64 E	MURPHY	NC	28906	RCRAINFO

NAICS Codes

No NAICS Codes returned.

SIC Codes

No SIC Codes returned.

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	DAVID K JONES	7048376810	RCRAINFO	View

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
CONTACT / OWNER	STATE OF NORTH CAROLINA		RCRAINFO	View

Alternative Names

No Alternative Names returned.

Query executed on: DEC-17-2007

U.S. ENVIRONMENTAL PROTECTION AGENCY

Resource Conservation and Recovery Act (RCRAInfo)

Recent Additions | Contact Us | Print Version EF Search: GO

EPA Home > Envirofacts > RCRAInfo > Query Results

Query Results

Report an Error

RCRAInfo

Only RCRAInfo facility information was searched to select facilities

Handler ID: Beginning With: NCD982144438

Results are based on data extracted on JUN-08-2006

Note: Click on the underlined CORPORATE LINK value for links to that company's environmental web pages. Click on the underlined MAPPING INFO value to obtain mapping information for the facility.

Go To Bottom Of The Page

DATA QUALITY?

HANDLER NAME:	TRI COUNTY COMMUNITY COLLEGE	HANDLER ID:	NCD982144438
STREET:	HWY 64 E	FACILITY INFORMATION:	View Facility Information
CITY:	MURPHY	CORPORATE LINK:	No
STATE:	NC	COUNTY:	CHEROKEE
ZIP CODE:	28906	MAPPING INFO:	MAP
EPA REGION:	4		

CONTACT INFORMATION

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
DAVID K JONES	2300 HWY 64 E	MURPHY	NC	28906	7048376810	Public

No NAICS Codes are available for the facility listed above.

Go To Top Of The Page

Total Number of Facilities Displayed: 1

U.S. ENVIRONMENTAL PROTECTION AGENCY

Facility Registry System (FRS)

Facility Detail Report

Report an Error

FRS

DATA QUALITY?

Facility Name:	TRI COUNTY COMMUNITY COLLEGE
Location Address:	2300 HWY 64 E
Supplemental Address:	
City Name:	MURPHY
State	NC
County Name:	CHEROKEE
ZIP/Postal Code:	28906
EPA Region:	04
Congressional District Number:	11
Legislative District Number:	
HUC Code:	06020002
Federal Facility:	
US Mexico Border Indicator:	NO
Tribal Land :	NO
Latitude:	35.060768
Longitude:	-84.063867
Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point Description:	
Duns Number:	
Registry ID:	110006070036

Map this facility

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated	Supplemental Environmental

				Date	Interests:
RCRAINFO	NCD982144438	CESQG (ACTIVE)	NOTIFICATION (RCRA)	10/01/1996	

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
FACILITY MAILING ADDRESS	2300 HWY 64 E	MURPHY	NC	28906	RCRAINFO
REGULATORY CONTACT	2300 HWY 64 E	MURPHY	NC	28906	RCRAINFO
CONTACT / OWNER	2300 HWY 64 E	MURPHY	NC	28906	RCRAINFO

NAICS Codes

No NAICS Codes returned.

SIC Codes

No SIC Codes returned.

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	DAVID K JONES	7048376810	RCRAINFO	View

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
CONTACT / OWNER	STATE OF NORTH CAROLINA		RCRAINFO	View

Alternative Names

No Alternative Names returned.

Query executed on: DEC-17-2007

REFERENCE 18

N.C. DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

FILE DOCKET

Circle one:
G, I, P, GW, C

DATE	ITEM
1 3-28-90	First Notification SQG
2 5-24-90	To Facility from Jim Edwards Re: EPA ID#
3 9-27-96	Subsequent notification
4 10-28-96	current Computer record

G- General, I- Inspections
P- Permits, GW- Ground Water
C- Closure

DHS (7/85)
SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH (Review 6/90)

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

(4)

6

DAVID K JONES, DEAN ADM SVCS
TRI COUNTY COMMUNITY COLLEGE
2300 HWY 64 E
MURPHY, NC 28906

October 28, 1996

RE EPA ID NO.: **NCD982144438**

Dear Sir/Madam:

Based on information received by this office for the site identified with the EPA ID number, the state has accepted and processed the change in RCRA classification or information for the above site.

Please verify the computer generated information below and notify us of any corrections. We are advising EPA of the changes.

Sincerely,

R. J. Edwards III

R. J. Edwards, Administrative Assistant
Division of Waste Management

[redacted]

'X' indicates operation status of your facility.

__ LARGE GENERATOR	__ STORES	__ TRANSPORTER
__ SMALL QNTY GENERATOR	__ TREATER	__ SMALL QTY BURNER
X EXEMPT SMALL QNTY	__ DISPOSER	__ USED OIL
__ LG QNTY. UNIVERSAL		

Company name:	TRI COUNTY COMMUNITY COLLEGE
Owner:	STATE OF NORTH CAROLINA
Contact:	JONES DAVID K, DEAN ADM SVCS
Phone number:	704/837-6810
Location address:	2300 HWY 64 E
City, St & ZIP:	MURPHY, NC 28906-

Please notify us if there is any further change in your operation which would affect your status namely Company's Name, Ownership, Address, Contact or Telephone Number.

Your EPA ID number is currently active.

cc: SPRING ALLEN

P.O. Box 27687,
Raleigh, North Carolina 27611-7687
Voice 919-733-4996

NC Reduce Reuse Recycle

FAX 919-715-3605
An Equal Opportunity Affirmative Action Employer
50% recycled/10% post-consumer paper

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved, OMB No. 2050-0028 Expires 9-30-96
GSA No. 0245-EPA-OT

Please refer to the *Instructions for Filling Notification* before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

EPA Notification of Regulated Waste Activity

United States Environmental Protection Agency

Date Received (For Official Use Only): OCT 1

(3)

I. Installation's EPA ID Number *(Mark "X" in the appropriate box)*

[ ] A. First Notification [X] B. Subsequent Notification *(Complete item C)*

C. Installation's EPA ID Number: NCD982144438

II. Name of Installation *(Include company and specific site name)*

TRI-COUNTY COMMUNITY COLLEGE

III. Location of Installation *(Physical address not P.O. Box or Route Number)*

Street: 2300 HIGHWAY 64 EAST

Street *(Continued)*:

City or Town: MURPHY | State: NC | Zip Code: 28906-

County Code: | County Name: CHEROKEE

IV. Installation Mailing Address *(See Instructions)*

Street or P.O. Box: SAME

City or Town: SAME | State: | Zip Code: -

V. Installation Contact *(Person to be contacted regarding waste activities at site)*

Name *(Last)*: JONES | *(First)*: DAVID

Job Title: DEAN ADM SVCS | Phone Number *(Area Code and Number)*: 704-837-6810

VI. Installation Contact Address *(See Instructions)*

A. Contract Address: Location [X] Mailing [ ] Other [ ]

B. Street or P.O. Box: SAME

City or Town: | State: | Zip Code: -

VII. Ownership *(See Instructions)*

A. Name of Installation's Legal Owner: STATE OF NORTH CAROLINA (TCCC)

Street, P.O. Box, or Route Number: 2300 HIGHWAY 64 EAST

City or Town: MURPHY | State: NC | Zip Code: 28906-

Phone Number *(Area Code and Number)*: 704-837-6810

B. Land Type: C

C. Owner Type: S

D. Change of Owner Indicator: Yes [ ] No [ ]

(Date Changed) Month Day Year:

Continued on Reverse

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved, OMB No. 2050-0028 Expires 9-30-96
GSA No. 0246-EPA-OT

ID - For Official Use Only

VIII. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes; Refer to instructions)*

A. Hazardous Waste Activity

1. Generator (See instructions)
   - [ ] a. Greater than 1000kg/mo (2,200 lbs.)
   - [ ] b. 100 to 1000 kg/mo (200-2,200 lbs.)
   - [X] c. Less than 100 kg/mo (220 lbs.)
2. Transporter (Indicate Mode in boxes 1-5 below)
   - [ ] a. For own waste only
   - [ ] b. For commercial purposes

   Mode of Transportation
   - [ ] 1. Air
   - [ ] 2. Rail
   - [X] 3. Highway
   - [ ] 4. Water
   - [ ] 5. Other - specify
3. Treater, Storer, Disposer (at installation) Note: A permit is required for this activity; see instructions.
4. Hazardous Waste Fuel
   - [ ] a. Generator Marketing to Burner
   - [ ] b. Other Marketers
   - [ ] c. Boiler and/or Industrial Furnace
     - [ ] 1. Smelter Deferral
     - [ ] 2. Small Quantity Exemption

     Indicate Type of Combustion Device(s)
     - [ ] 1. Utility Boiler
     - [ ] 2. Industrial Boiler
     - [ ] 3. Industrial Furnace
5. Underground Injection Control

B. Used Oil Recycling Activities

1. Used Oil Fuel Marketer
   - [ ] a. Marketer Directs Shipment of Used Oil to Off-Specification Burner
   - [ ] b. Marketer Who First Claims the Used Oil Meets the Specifications
2. Used Oil Burner - Indicate Type(s) of Combustion Device(s)
   - [ ] a. Utility Boiler
   - [ ] b. Industrial Boiler
   - [ ] c. Industrial Furnace
3. Used Oil Transporter - Indicate Type(s) of Activity(ies)
   - [ ] a. Transporter
   - [ ] b. Transfer Facility
4. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
   - [ ] a. Processor
   - [ ] b. Re-refiner

IX. Description of Hazardous Wastes *(Use additional sheets if necessary)*

A. Characteristics of Nonlisted Hazardous Wastes. *(Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 261.20 - 261.24)*

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic	List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s)			
[X]	[ ]	[ ]	[ ]				

B. Listed Hazardous Wastes. *(See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)*

1	2	3	4	5	6
D001	F003	F005	D009		
7	8	9	10	11	12

C. Other Wastes. *(State or other wastes requiring a handler to have an I.D. number; See instructions.)*

1	2	3	4	5	6

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title *(Type or print)*	Date Signed
David Jones	DAVID JONES DEAN OF ADMINISTRATIVE SERVICES	9/27/96

XI. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. *(See Section III of the booklet for addresses.)*

(2)

State Of North Carolina

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF SOLID WASTE MANAGEMENT
P.O. BOX 27687 RALEIGH, NC 27611-7687

May 24, 1990

Tri-County Community College
P O Box 40
Murphy, NC 28906

RE: EPA ID No. NCD982144438

Dear Sir:

Listed above is your EPA ID number which has been assigned by the EPA. As a Small Generator, you should be familiar with N.C. Hazardous Waste Management Regulations 10 NCAF 10F .0002 Definitions; contained in 40 CFR 260.10 (Subpart B), 10 NCAF 10F .0029 Identification and Listings of Hazardous Waste; contained in 40 CFR 261.1 (Subpart A-D) and 10 NCAF 10 F .0030 Standards for Hazardous Waste Generations; contained in 40 CFR 262.10 - 262.40 (Subpart A-D).

If you wish to obtain a copy of the actual regulations, you may do so by contacting the Hazardous Waste Section, Division of Solid Waste Management, P.O. Box 27687, Raleigh, NC 27611-7687. To cover the cost of printing, a fee of $12.00 is charged for a copy of the regulations.

NCSU provides a training program for small generators which you may want to attend. The Department has a contract with NCSU to conduct training for small generators. Call Linda Watkins at (919) 737-3002 for a flyer describing the workshops in your area.

The Hazardous Waste Section contains a Technical Assistant Unit which is available to answer questions. The Unit can be reached by contact the Section Office at (919) 733-2178.

Sincerely,

R J Edwards

R.J. Edwards, Administrative Officer
Technical Assistance Unit
Hazardous Waste Section
Division of Solid Waste Management

cc: ROBIN PURCELL

Attachment

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0028 Expires 9-30-88. GSA No. 0246-EPA-DT

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

For Official Use Only

Comments: 039

Installation's EPA ID #: NCD 98-214-4438 T/A C 1

Approved | Date Received (yr. mo. day) | CHEROKEE 2063

I. Name of Installation

TRI-COUNTY COMMUNITY COLLEGE

II. Installation Mailing Address

Street or P.O. Box: P.O. BOX 40

City or Town: MURPHY | State: NC | ZIP Code: 28906

III. Location of Installation

Street or Route Number: HIGHWAY 64 EAST

City or Town: MURPHY | State: NC | ZIP Code: 28906

IV. Installation Contact

Name and Title (last, first, and job title): K DAVID JONES DEAN | Phone Number (area code and number): 704837681 0

V. Ownership

A. Name of Installation's Legal Owner: STATE OF NORTH CAROLINA | B. Type of Ownership (enter code): S

VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.)

A. Hazardous Waste Activity

- [X] 1a. Generator
- [X] 1b. Less than 1,000 kg/mo
- [ ] 2. Transporter
- [ ] 3. Treater/Storer/Disposer
- [ ] 4. Underground Injection
- [ ] 5. Market or Burn Hazardous Waste Fuel (enter 'X' and mark appropriate boxes below)
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner

B. Used Oil Fuel Activities

- [ ] 6. Off-Specification Used Oil Fuel (enter 'X' and mark appropriate boxes below)
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner
- [ ] 7. Specification Used Oil Fuel Marketer (for On site Burner) Who First Claims the Oil Meets the Specification

ENTERED Date 5/24/90 By [illegible] DATA PROCESSING

VII. Waste Fuel Burning: Type of Combustion Device (Mark 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)

- [ ] A. Utility Boiler
- [ ] B. Industrial Boiler
- [ ] C. Industrial Furnace

VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box(es))

- [ ] A. Air
- [ ] B. Rail
- [X] C. Highway
- [ ] D. Water
- [ ] E. Other (specify)

APR 18 1990

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

- [X] A. First Notification
- [ ] B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number

EPA Form 8700-12 (Rev. 11-85) Previous edition is obsolete.

Continue on reverse

For Official Use Only

C W											T/A	C 1

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
D001	F003	F005			
7	**8**	**9**	**10**	**11**	**12**

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	**20**	**21**	**22**	**23**	**24**
25	**26**	**27**	**28**	**29**	**30**

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	**38**	**39**	**40**	**41**	**42**
43	**44**	**45**	**46**	**47**	**48**

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark X in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 — 261.24)*

☐ 1. Ignitable *(D001)* ☐ 2. Corrosive *(D002)* ☐ 3. Reactive *(D003)* ☐ 4. Toxic *(D000)*

XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature	Name and Official Title *(type or print)*	Date Signed
R. David Jones	R. DAVID JONES DEPT OF ADMINISTRATIVE SERVICES	3/28/90

EPA Form 8700-12 (Rev. 11-85) Reverse

RECEIVED APR 5 0 1990 HAZARDOUS WASTE SECTION

RECEIVED APR 5 1990 HAZARDOUS WASTE SECTION

N.C. DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF SOLID WASTE
HAZARDOUS WASTE SECTION

Circle one:
G, I, P, GW, C, E

FILE DOCKET

DATE	ITEM
(1) 11.8.93	CEI Report
(2) 11.8.93	NOV # 94-025
(3) 1.20.94	CSE Report
(4) 11-18-96	CEI report

HAZARDOUS WASTE SECTION (Review 8/93)

G- General, I- Inspections
P- Permits, GW- Ground Water
C- Closure E-Enforcement

NOV 14 1996 ENTERED

4

RCRIS

EPA ID#: NCD 982144438
Facility name: Tri County Community College City: Murphy, NC

Evaulation data:
New: X Change: Delete:

Person: 061 Branch: 01
Agency: s Reason:

Supervisor NOV Tracking Info
Type: CEI
Initial Inspection Date: 18 Oct 1996
Docket Number:
Reinsptdate:
COMMENTS: GOVERNMENT SECTOR INSPECTION

GENERATORS
GER: x GRR: x GLB: x GMR: x GOR: x GPT: x GSQ:

TRANSPORTERS
TGR: TMR: TOR: TRR: TWD:

USED OIL
TUO: TFO: BUO: MUO: PUO:
RUO:

TSD'S
DBF: DCH: DCL: DCP: DFR: DGS: DGW: DIN: DLB: DLF:
DLT: DMC: DMR: DOR: DOT: DPB: DPP:
DSI: DTR: DTT: DWP:

VIOLATION DATA: New: X Change: Delete:

1. Agency: s Type: date determined: 18 Oct 1996
class: Priority:_____ Seq.#_____
Return to compliance:
Actual date:
Reg Description:
Comment:

2. Agency: s Type: date determined: 18 Oct 1996
class: Priority:_____ Seq.#_____
Return to compliance:
Actual date:
Reg Description:
Comment:

3. Agency: s Type: date determined: 18 Oct 1996

RCRA INSPECTION REPORT

1. FACILITY INFORMATION — Tri County Community College
Hwy 64
Murphy, NC 28906
NCD 982144438 SQG

2. FACILITY CONTACT — David Jones
704-837-6810

3. SURVEY PARTICIPANTS — David Jones, SA

4. DATE OF INSPECTION — 18 Oct 1996

5. PURPOSE OF INSPECTION — To determine compliance with 40 CFR 262, 265, 268, and 279. This facility is included as a SECTOR inspection for Government Owned Facilities.

6. FACILITY DESCRIPTION

Facility is a teaching institution. Wastes generated are from laboratories, auto body shops, and maintaince operations.

7. TYPE WASTE

D006/8/18/35/39/40 parts washer fluid

Used Oils

8. AREAS OF INSPECTION
(Yes = compliance, no = violation, na = not applicable)
- **Emergency Preparedness:** yes
- **Inspection Records:** yes
- **Contingency Plan:** yes
- **Training Records:** yes
- **Manifests/LDR:** yes

- **90/180 day storage areas:** No waste in storage at the time of inspection

- **Satellite Accumulation Area:** NA

- **External facility condition:** EXCELLENT

- **Other HW units:** NA

- **Recomendations:** None

9. Waste Minimization

program driven

Tri-County Comm College
CEI 18 Oct 96
page 2

10. SITE DEFICIENCIES:
IN COMPLIANCE

[illegible] CHNM INSPECTOR

18 Oct 96 DATE

by mail FACILITY CONTACT

DAT ENTRY PERSONNEL

Cherokee Co

Region IV CM&E Form - Side B

Submitted by: ____ Date: ____

Entered by: ____ Date: ____

EPA ID: NCD982174938

Facility Name: TRI-COUNTY COMMUNITY COLLEGE City: MURPHY

ENFORCEMENT DATA: New: ✓ Change: __ Delete: __ (——— : Required)

Agency: S Type: 120 Date: Month 01 / Day 08 / Year 93 Number (Data Entry)

Person: 061 Branch: 010 Comment (72): Nov docket #94-025 tic'd

Penalty Data

Assessed: $ Paid: $ Date Paid: __/__/__

Settled: $ $ __/__/__

Enforcement Comments: (74) 1: In Compliance 1-20-94

2:

Cite violations for this enforcement action below -

VIOLATION DATA: New: __ Change: __ Delete: __

#__ Agency: __ Type: ___ Date (mdy) Determined: __/__/__ Class: __

Priority: __ Branch: __ Person: ___ Seq. Number (Data Entry)

Return to Compliance: -- Scheduled -- __/__/__ --- Actual --- __/__/__

Reg. Type: __ Reg. Description (30):

Comment (72):

#__ Agency: __ Type: ___ Date (mdy) Determined: __/__/__ Class: __

Priority: __ Branch: __ Person: ___ Seq. Number (Data Entry)

Return to Compliance: -- Scheduled -- __/__/__ --- Actual --- __/__/__

Reg. Type: __ Reg. Description (30):

Comment (72):

#__ Agency: __ Type: ___ Date (mdy) Determined: __/__/__ Class: __

Priority: __ Branch: __ Person: ___ Seq. Number (Data Entry)

Return to Compliance: -- Scheduled -- __/__/__ --- Actual --- __/__/__

Reg. Type: __ Reg. Description (30):

Comment (72):

#__ Agency: __ Type: ___ Date (mdy) Determined: __/__/__ Class: __

Priority: __ Branch: __ Person: ___ Seq. Number (Data Entry)

Return to Compliance: -- Scheduled -- __/__/__ --- Actual --- __/__/__

Reg. Type: __ Reg. Description (30):

Comment (72):

Region IV CM&E Form - Side A

EPA ID: NCD982144438

DATA ENTRY PERSONNEL
Submitted by: ____ Date: ____
Entered by: ____ Date: ____

Cherokee Co. (B)

Facility Name: TRI-COUNTY COMMUNITY COLLEGE City: MURPHY

EVALUATION DATA: New: __ Change: __ Delete: __ (— : Required)

Agency: S Date: Mo 01 / Day 20 / Year 94 Type: 05 S

Control Number Data Entry Personnel: 2

Person: 016 BRANCH 01 REASON

94-025

Coverage Areas: (E: Evaluated NE: Not Evaluated NA: Not Applic. D: Del.)

Generators: GBF, GER, GGR, GLB, GMR, GOR, GPT, GRR, GSC, GSQ

Transporters: TGR, TMR, TOR, TRR, TWD

USED OIL: TUO, TFO, BUO, MUO, PUO, RUO

TSD's: DBF, DCH, DCL, DCP, DFR, DGS, DGW, DIN, DLD, DLF, DLT, DMC, DOR, DPB, DPF, DSI, DTR, DTT, DWP

COMPLIANCE SCHEDULE (TSD, GEN, TRANS.)
FEA 6 CAS

Evaluation Comments: (72) 1: ORIGINAL INSPECTION - CEI BY
2: Robert Holder # 010 - INCOMPLIANCE

VIOLATION DATA: New: __ Change: __ Delete: __

#1 Agency: S Type: 6PT (CSE) Date (mdy) Determined: 09/24/93 Class: ___
Priority: ___ Branch: 01 Person: 010 Seq. Number (Data Entry): 1
Return to Compliance: Scheduled 12/10/94 Actual 12/20/94
Reg. Type: SR Reg. Description (30): 265.174 inspections
Comment (72): conducted / closed

#2 Agency: S Type: 6PT (CES) Date (mdy) Determined: 09/24/93 Class: ___
Priority: ___ Branch: 01 Person: 010 Seq. Number (Data Entry): 2
Return to Compliance: Scheduled 12/10/94 Actual 12/20/94
Reg. Type: SR Reg. Description (30): 262.34(d) labels
Comment (72): posted

#__ Agency: ___ Type: ___ Date (mdy) Determined: __/__/__ Class: ___
Priority: ___ Branch: ___ Person: ___ Seq. Number (Data Entry): ___
Return to Compliance: Scheduled __/__/__ Actual __/__/__
Reg. Type: ___ Reg. Description (30): ___
Comment (72): ___

Continue violation data if necessary -

FEB 1994 Hazardous Waste Section

RCRA INSPECTION REPORT

1) Facility Name: Tri-County Community College
ID Number: NCD 982 144 438
Type of facility: SQG
Ownership: NC Institution owned by State of NC
Contact: DAVID JONES. DEAN of Administrative Services
Phone number: 704 837 6810
Facility location (address): 2300 Hwy 64 East
City, state, zip: Murphy, N.C. 28906

2) Survey Participants:
DAVID JONES SPRING ALLEN
DAVID SEEGER

3) Date of Inspection: JANUARY 20, 1994

4) Purpose of Inspection: CSE- SQG NOV docket # 94-025

5) Facility Description: Community College -

Processes:
Chem Lab.
Auto Body REPAIR Shop.
Auto REPAIR Shop

in compliance with NOV docket # 94-020

Type Waste:
D001- Petroleum Distillates
D001/D018/D039 - Petroleum Naptha
Lacquer thinner (MSDS to be sent)

Transporters:
Safety Kleen

TSD's:
Safety Kleen

Accumulation areas:
Auto Body Repair shop 1 drum lacquer thinner (cleaner)
1 drum filters
Auto Repair Waste oil / antifreeze

Storage areas:
HW Storage Building
1 drum - waste oil
1 drum. D001 Petroleum distillates

Lacquer thinner MSDS to be sent to help with waste determination.
Chem Lab inventory list to be sent Mid February.

Facility Name: Tri-County Comm. College
ID #: NCD 982 144 438

6) Waste Minimization:
Discussion of waste stream segregation
Discussion of product substitution

7) Site Deficiencies:

265.174 - Inspections have been conducted weekly and a log has been kept and is available for review.

262.34(d) Information has been posted by phones. Phones have been installed in all accumulation and storage areas.

Therefore Tri County Community College is in compliance with NOV docket # SA ~~[illegible]~~ 94-025

8) Recommendations:

Signed:

Inspector/Reviewer

Facility Contact

January 29, 1994
Date

Solid Waste Management Division
Hazardous Waste Section

NOTICE OF VIOLATION

(2)

To: Tri-County Comm. College
Address: Hwy 104 E. Murphy, NC 28906

EPA ID# NCD 987 144 438

Docket # 94-025
Inspection Date 8 Nov 1993
Facility Type SQG/CSE

On December 18, 1980, the State of North Carolina, Hazardous Waste Section (State) was authorized to operate the State RCRA hazardous waste program under the Solid Waste Management Act (ACT), N.C.G.S. 130A, Article 9 and rules promulgated thereto at 15A NCAC 13A (Rules) in lieu of the federal RCRA program.

On 8 Nov, 1993, Robin B. Hedden representing the N.C. Hazardous Waste Section, inspected your facility for compliance with North Carolina Hazardous Waste Management Rules. During that inspection, the following violations were noted:

Citation	Specifics
40 CFR 262.34(a)(2) ref. 265.174	Alternate could not find inspection log for H.W. storage area. Facility was told to start one on 24 Sept. 1993, no log at storage area.
40 CFR 262.34 (d)(5)(ii)(A,B,C)	No info. by phone.

You are hereby required to comply with the noted violation(s) by 10 Dec, 1993, at which time a reinspection will be performed. If compliance with the violation(s) noted above are not met, pursuant to N.C.G.S. 130A-22(a) and 15A NCAC 13B .0701 - .0707, an administrative penalty of up to $25,000.00 per day may be assessed for violation of the hazardous waste law or regulations.

8 November 1993
(Date)

Robin B. Hedden
N.C. Hazardous Waste Section

Reviewed 11-9-93

I, Robin B. Hedden, hereby certify that I have personally served a copy of this Notice on:

David Jones, Admin. Dean
(Name)

at Tri-County Comm. College
(Location)

on 8 November, 1993.

by certified mail, return receipt requested
(Recipient Signature)

copies to: field files
central files
Regional Manager

SMALL QUANTITY GENERATOR INSPECTION FORM

C = copies made; * = violation; P = photo taken

Facility Name: Tri-County Comm. College
Address: Hwy 64 E. Murphy, N.C. 28906
ID #: NCD 982 144 438
Inspection Date: 8 Nov 1993 Last Inspection 24 Sept 1993
Contact: David Jones Larry Rogers Type of Inspection CSE / SQG
Present at Inspection: R. Hedden, L. Rogers

Type of business: College
Processes:
Wastes Generated: D001(I), F005 (Paint waste)

Transporters: Safety-Kleen (ILD051000408) TSD's Safety-Kleen (SCD 077 995 488)

Manifests:
Signed Copies? Filled out correctly?
Treatment Standards?

X Inspection Records: No log
Emergency Contacts:
Emergency Coordinator? Buddy system cell phones
X Info by Phones: line put in, no phone yet!
Emergency coordinator phone? Fire Department phone?
location of fire/spill equipment?
Personnel trained?

Annual Report:
Waste analysis (TCLP):
Accumulation Areas: Description: 1 drum 1/8 full

Closed/labled/dated/< 55 gallons?
Storage Areas: Description: Cabinet
No paint in storage area yet, this begin!

Closed/labled/dated/< 90 days/good condition?

Less than 6000 kg on site?

N.O.V. will be issued!

SIGNATURE Robin B. Hedden FACILITY/CONTACT Larry Rogers

DATE 8 Nov 1993

Region IV CM&E Form [redacted] Side A

EPA ID: NCD9X214443 8

Submitted by: [redacted] Date: _____

Entered by: _____ Date: _____

(1)

Facility Name: Tri-County Comm. Colleges City: Murphy, N.C.

EVALUATION DATA: New: __ Change: __ Delete: __ (■ : Required)

Agency: S Date: Mo. 11 / Day 08 / Year 93 Type: CSE

Control Number — Data Entry Personnel

Person: 01 0 Reason:

Coverage Areas: (E: Evaluated NE: Not Evaluated NA: Not Applic. D:Del.)

Generators: GER, GGR, GLB, GEQ, GMR, GOR, GPT, GRR, GSC

Transporters: TGR, TMR, TOR, TRR, TWD

TSD's: DCH, DCL, DCP, DFR, DGS, DGW, DIN, DLB, DLF, DLT, DMC, DMR, DOR, DOT, DPB, DPP, DSI, DTR, DTT, DWP

Compliance Schedule (TSD, Gen., Trans.) — FEA CAS

Evaluation Comments: (72) 1: Reinspection @ facility! 94-025

2:

VIOLATION DATA: New: __ Change: __ Delete: __

#1 Agency: S Type: GOV Date (mdy) Determined: 09 / 08 / 93 Class: 2

Priority: Branch: 01 Person: 01 0 Seq. Number (Data Entry) 0001

Return to Compliance: Scheduled 12 / 08 / 94 Actual

Reg. Type: SR Reg. Description (30): 40 CFR 262.34(a)(5)

Comment (72): No inspection for N.O.V. issued on this violation!

#2 Agency: S Type: GGR Date (mdy) Determined: 09 / 08 / 93 Class: 2

Priority: Branch: 01 Person: 01 0 Seq. Number (Data Entry) 0002

Return to Compliance: Scheduled 12 / 08 / 94 Actual

Reg. Type: SR Reg. Description (30): 40 CFR 262.34(d)(5)(i)(A,B,C)

Comment (72): No phone yet, new comm. lines in place now! No info!

#3 Agency: S Type: CES Date (mdy) Determined: 09 / 24 / 93 Class: 2

Priority: Branch: 01 Person: 01 0 Seq. Number (Data Entry)

Return to Compliance: Scheduled 11 / 08 / 93 Actual 11 / 08 / 93

Reg. Type: SR Reg. Description (30): 40 CFR 262.34(a)(3)

Comment (72): Satellite drum labeled on violation!

Continue violation data on Side B if necessary →

DM

Region IV CM&E Form - Side B

Submitted by: _____ Date: _____

Entered by: _____ Date: _____

EPA ID: [ ]

Facility Name: _____ City: _____

ENFORCEMENT DATA: New: __ Change: __ Delete: __ (—— : Required)

Agency: [G] Type: [249] Date: Month [11] / Day [04] / Year [93] Number (Data Entry) [ ]

Person: [010] Branch: [01] Comment (72): 94-025

Penalty Data

Assessed: $ [ ] Paid: $ [ ] Date Paid: [ ]/[ ]/[ ]

Settled: $ [ ] $ [ ] [ ]/[ ]/[ ]

Enforcement Comments: (74) 1: _____

2: _____

Cite violations for this enforcement action below -

VIOLATION DATA: New: __ Change: __ Delete: __

#4 Agency: [S] Type: [CSE] Date (mdy) Determined: [09] / [24] / [93] Class: [ ]

Priority: [ ] Branch: [01] Person: [010] Seq. Number (Data Entry) [ ]

Return to Compliance: -- Scheduled -- [11] / [08] / [93] --- Actual --- [ ]/[ ]/[ ]

Reg. Type: [SR] Reg. Description (30): 40 CFR 265.20(a)(b)

Comment (72): No form of communication with new owner/operator been set in.

#__ Agency: [ ] Type: [ ] Date (mdy) Determined: [ ]/[ ]/[ ] Class: [ ]

Priority: [ ] Branch: [ ] Person: [ ] Seq. Number (Data Entry) [ ]

Return to Compliance: -- Scheduled -- [ ]/[ ]/[ ] --- Actual --- [ ]/[ ]/[ ]

Reg. Type: [ ] Reg. Description (30): _____

Comment (72): _____

#__ Agency: [ ] Type: [ ] Date (mdy) Determined: [ ]/[ ]/[ ] Class: [ ]

Priority: [ ] Branch: [ ] Person: [ ] Seq. Number (Data Entry) [ ]

Return to Compliance: -- Scheduled -- [ ]/[ ]/[ ] --- Actual --- [ ]/[ ]/[ ]

Reg. Type: [ ] Reg. Description (30): _____

Comment (72): _____

Continue violation data on Side A if necessary -

Region IV CM&E Form - Side A

EPA ID: NCD982144438

Submitted by: _____ Date: _____

Entered by: _____ Date: _____

Facility Name: Tri-County Comm. Colleges City: Murphy, N.C.

EVALUATION DATA: New: __ Change: __ Delete: __ (✓ : Required)

Agency: S Date: Mo. 11 / Day 08 / Year 93 Type: CSE

Control Number Data Entry Personnel

Person: 010 Reason:

Coverage Areas: (E: Evaluated NE: Not Evaluated NA: Not Applic. D: Del.)

Generators		Transporters		TSD's					
GER		TGR		DCH		DLB		DPB	
GGR		TMR		DCL		DLF		DPP	
GLB		TOR		DCP		DLT		DSI	
GEQ		TRR		DFR		DMC		DTR	
GMR		TWD		DGS		DMR		DTT	
GOR				DGW		DOR		DWP	
GPT				DIN		DOT			
GRR									
GSC									

Compliance Schedule (TSD, Gen., Trans.)

FEA: CAS:

Evaluation Comments: (72) 1: Reinspection @ facility!

2:

VIOLATION DATA: New: __ Change: __ Delete: __

#1 Agency: S Type: CSE Date (mdy) Determined: 09/24/93 Class: 2

Priority: Branch: 01 Person: 010 Seq. Number (Date Entry)

Return to Compliance: -- Scheduled -- 11/08/93 --- Actual --- / /

Reg. Type: SR Reg. Description (30): 40 CFR 265.174 262.34(d)(5)

Comment (72): No inspection log. N.O.V. issued on this violation!

#2 Agency: S Type: CES Date (mdy) Determined: 09/24/93 Class: 2

Priority: Branch: 01 Person: 010 Seq. Number (Date Entry)

Return to Compliance: -- Scheduled -- 11/08/93 --- Actual --- / /

Reg. Type: SR Reg. Description (30): 40 CFR 262.34(d)(5)(i)(A,B,C)

Comment (72): No phone yet, new comm. lines in place now! No info!

#3 Agency: S Type: CES Date (mdy) Determined: 09/24/93 Class: 2

Priority: Branch: 01 Person: 010 Seq. Number (Date Entry)

Return to Compliance: -- Scheduled -- 11/08/93 --- Actual --- 11/08/93

Reg. Type: SR Reg. Description (30): 40 CFR 262.34(a)(3)

Comment (72): Satellite drum labeled, no violation!

Continue violation data on Side B if necessary -

DM

Region IV CM&E Form - Side B

Submitted by: ____ Date: ____

EPA ID: ____ Entered by: ____ Date: ____

Facility Name: ____ City: ____

ENFORCEMENT DATA: New: __ Change: __ Delete: __ (—— : Required)

Agency: ____ Type: ____ Date: Month / Day / Year ____ Number (Data Entry) ____

Person: ____ Branch: ____ Comment (72): ____

Penalty Data

Assessed: $ ____ Paid: $ ____ Date Paid: __/__/__

Settled: $ ____ $ ____ __/__/__

Enforcement Comments: (74) 1: ____

2: ____

Cite violations for this enforcement action below -

VIOLATION DATA: New: __ Change: __ Delete: __

#4 Agency: S Type: CSE Date (mdy) Determined: 09/24/93 Class: Q

Priority: ____ Branch: 01 Person: 010 Seq. Number (Data Entry) ____

Return to Compliance: -- Scheduled -- 11/08/93 --- Actual --- __/__/__

Reg. Type: SR Reg. Description (30): 40 CFR 265.32(a)(b)

Comment (72): No form of communication yet, now phase-in plan begins but is...

#__ Agency: ____ Type: ____ Date (mdy) Determined: __/__/__ Class: ____

Priority: ____ Branch: ____ Person: ____ Seq. Number (Data Entry) ____

Return to Compliance: -- Scheduled -- __/__/__ --- Actual --- __/__/__

Reg. Type: ____ Reg. Description (30): ____

Comment (72): ____

#__ Agency: ____ Type: ____ Date (mdy) Determined: __/__/__ Class: ____

Priority: ____ Branch: ____ Person: ____ Seq. Number (Data Entry) ____

Return to Compliance: -- Scheduled -- __/__/__ --- Actual --- __/__/__

Reg. Type: ____ Reg. Description (30): ____

Comment (72): ____

Continue violation data on Side A if necessary -