

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
P.O. BOX 25201
RALEIGH 27611-5201

DIVISION OF HIGHWAYS

JAMES G. MARTIN
GOVERNOR

JAMES E. HARRINGTON
SECRETARY

November 21, 1988

GEORGE E. WELLS, P.E.
STATE HIGHWAY ADMINISTRATOR

STATE PROJECT: 8.1531901 (I-303E)
F. A. PROJECT: IR-85-3(10)
COUNTY: Guilford
DESCRIPTION: I-85 from East of US 29 at Greensboro to East of SR 3029 (Young's Mill Road)

SUBJECT: Claim of Cary Oil, Parcel 4 & 5

MEMORANDUM TO: Mr. A. D. Allison, II

FROM: *W. D. Bingham*
W. D. Bingham, State Engineering Geologist

As requested by the Department of Natural Resources and Community Development, Division of Environmental Management, three soil samples were taken from the underground storage tank excavation area on Parcels 4 & 5. These samples were analyzed for petroleum hydrocarbons by Industrial & Environmental Analysts, Inc., located in Research Triangle Park. Test results show the concentration of compounds tested for were all below the quantitation limit. Listed below are depths and locations of the samples taken:

| <u>BORING</u> | <u>LOCATION</u> | <u>SAMPLE</u> | <u>DEPTH</u> |
|---------------|------------------|---------------|--------------|
| B-1 | 1+75, 2' LT. | 1 | 10.2'-12.2' |
| B-3 | 1+99, 30' RT. | 2 | 13.1'-14.1' |
| B-4 | 2+13, Centerline | 3 | 9.3'-10.4' |

As requested by Mr. Stephen Williams, soil sample results are attached and boring locations are plotted on the accompanying plan view.

If additional information is required, please advise.

WDB/SK

attachments

cc: Mr. Stephen Williams, NRCD, Environmental Management
Mr. Larry Cabe

Comments:

BQL - BELOW QUANTITATION LIMIT

8.1531901

**Purgeable Aromatics
EPA Method 602 Compounds**

IEA Sample No. 302080 1

Sample Identification Site #1

Date Analyzed November 1, 1988

By Curry

| <u>Number</u> | <u>Compound</u> | <u>Soil Quantitation Limit µg/Kg</u> | <u>Results Concentration µg/Kg</u> |
|---------------|---------------------|--|--|
| 1 | Benzene | 1.0 | BQL |
| 2 | Chlorobenzene | 1.0 | BQL |
| 3 | 1,2-Dichlorobenzene | 1.0 | BQL |
| 4 | 1,3-Dichlorobenzene | 1.0 | BQL |
| 5 | 1,4-Dichlorobenzene | 1.0 | BQL |
| 6 | Ethylbenzene | 1.0 | BQL |
| 7 | Toluene | 1.0 | BQL |
| 8 | Total Xylenes | 1.0 | BQL |

Comments

BQL - BELOW QUANTITATION LIMIT

8.1531901

**Purgeable Aromatics
EPA Method 602 Compounds**

IEA Sample No. 302080 2

Sample Identification Site #2

Date Analyzed November 1, 1988

By Curry

| <u>Number</u> | <u>Compound</u> | <u>Soil Quantitation Limit µg/Kg</u> | <u>Results Concentration µg/Kg</u> |
|---------------|---------------------|--|--|
| 1 | Benzene | 1.0 | BQL |
| 2 | Chlorobenzene | 1.0 | BQL |
| 3 | 1,2-Dichlorobenzene | 1.0 | BQL |
| 4 | 1,3-Dichlorobenzene | 1.0 | BQL |
| 5 | 1,4-Dichlorobenzene | 1.0 | BQL |
| 6 | Ethylbenzene | 1.0 | BQL |
| 7 | Toluene | 1.0 | BQL |
| 8 | Total Xylenes | 1.0 | BQL |

Comments

BQL - BELOW QUANTITATION LIMIT

8.1531901

Purgeable Aromatics
EPA Method 602 Compounds

IEA Sample No. 302080 3

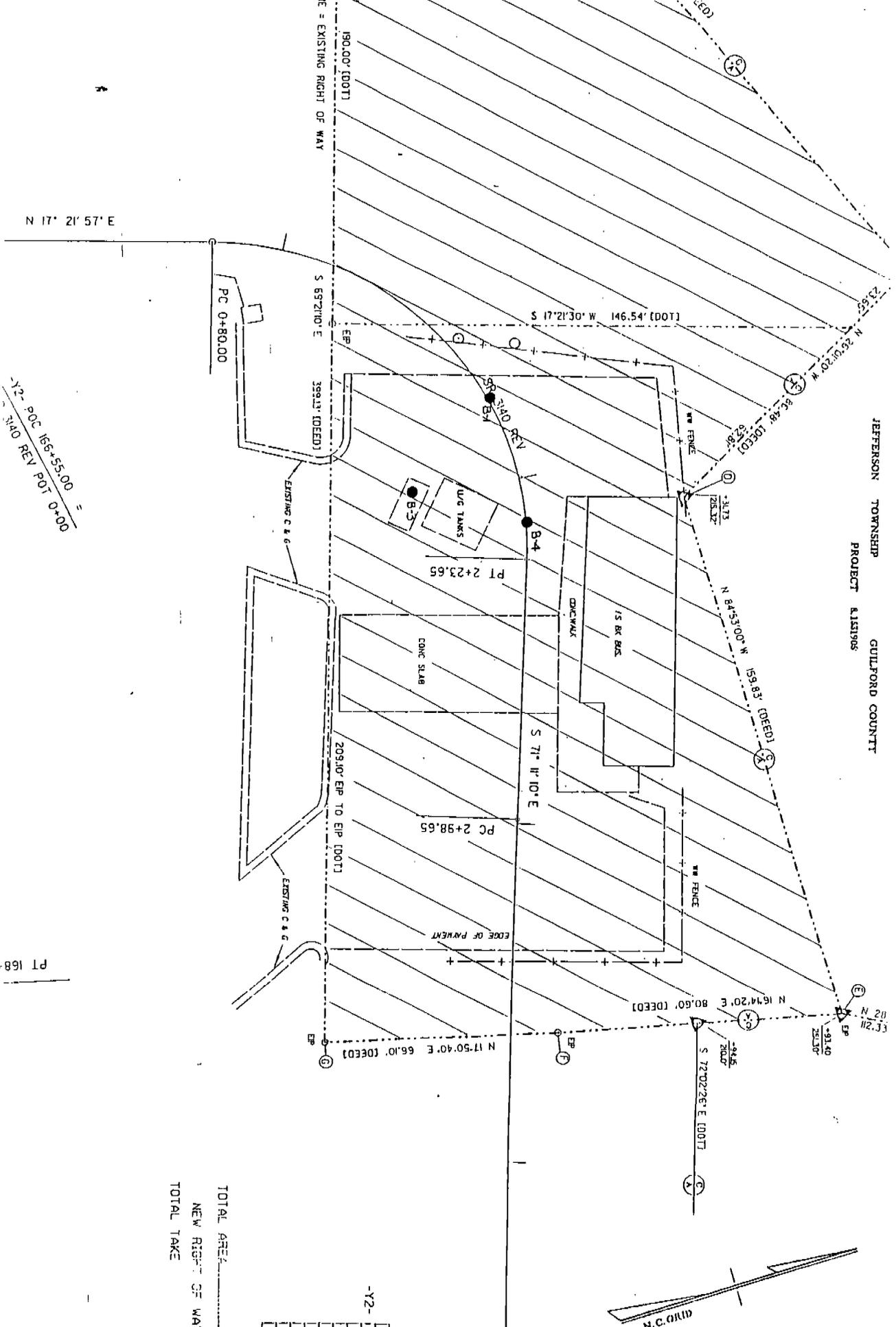
Sample Identification Site #3

Date Analyzed November 1, 1988

By Curry

| <u>Number</u> | <u>Compound</u> | <u>Soil Quantitation Limit µg/Kg</u> | <u>Results Concentration µg/Kg</u> |
|---------------|---------------------|--|--|
| 1 | Benzene | 1.0 | BQL |
| 2 | Chlorobenzene | 1.0 | BQL |
| 3 | 1,2-Dichlorobenzene | 1.0 | BQL |
| 4 | 1,3-Dichlorobenzene | 1.0 | BQL |
| 5 | 1,4-Dichlorobenzene | 1.0 | BQL |
| 6 | Ethylbenzene | 1.0 | BQL |
| 7 | Toluene | 1.0 | BQL |
| 8 | Total Xylenes | 1.0 | BQL |

JEFFERSON TOWNSHIP
 GULFORD COUNTY
 PROJECT R.13198



N 17° 21' 57" E

-Y2- POC 166+55.00 =
 340 REV P01 0+00

PT 168+

-Y2-

| COURSE | NEW |
|-----------|-----|
| A - S I N | |
| B - C I N | |
| C - D I S | |
| D - E I S | |
| E - F I S | |
| F - G I S | |
| G - A I N | |

TABLE OF COURSES

TOTAL AREA
 NEW RIGHT OF WAY TRACT
 TOTAL TAKE