DUNN
GEOSCIENCE CORP.

5 NORTHWAY LANE NORTH •
LATHAM, NEW YORK 12110
(518) 783-8102

Groundwater Quality And Hydrology Assessment For Post-Remedial and Off-Site Monitoring CERCLA Case No. 3-0731

Texaco Research Center Beacon
Glenham, New York

Prepared For:

Texaco Research Center Beacon
Glenham, New York

Prepared By:

DUNN GEOSCIENCE CORPORATION

Thomas M. Johnson
Senior Hydrogeologist

Reviewed By:

James P. Behan, Jr., P.E.
Director, GeoEngineering

Date:

April 8, 1987

Table of Contents

	Page
EXECUTIVE SUMMARY	
1.0 INTRODUCTION	1
1.1 Purpose	1
1.2 Background	2
1.3 CERCLA Site History	3
2.0 GEOLOGY AND HYDROLOGY	5
2.1 Site Geology	5
2.1.1 Glacial Till	5
2.1.2 Bedrock	6
2.2 Site Hydrogeology	7
2.3 CERCLA Monitoring Well Network	11
3.0 CERCLA SITE GROUNDWATER QUALITY	15
3.1 Pre-Site Remediation	15
3.1.1 Chemical Burial Site No. 3	15
3.1.2 Chemical Burial Site No. 2	24
3.1.3 Chemical Burial Site No. 1	25
3.1.4 Container Dump Site	25
3.2 Site Remediation	26
3.2.1 Site Operations	26
3.2.2 Analytical Soil Confirmation	27
3.3 Post-Site Remediation	28
3.3.1 Unconsolidated Water-Bearing Zone	29
3.3.2 Bedrock Groundwater	31
3.3.3 Off-Site Wells	31
4.0 RESULTS AND CONCLUSIONS	32
4.1 Hydrogeology	32
4.2 Groundwater Quality	36
5.0 SUMMARY AND RECOMMENDATIONS	38

List of Tables

Table No.	Title
2.1	Monitoring Well Installation Data
2.2	Water Level Elevations
3.1	Monitoring Schedule and Primary Analytical Laboratory
3.2	Post-Remedial Groundwater Sampling
3.3	Summary of Post-Remedial Monitoring

List of Figures

Figure No.	List of Figures
3.1	Groundwater Total Purgeables vs. Time
3.2	Groundwater Phenol(ics) vs. Time

List of Appendices

Appendix	List of Appendices
A	Analytical Data Not Previously Submitted
B	Pre-Remedial Groundwater Sampling Schedule and Summary of Groundwater Analyses

List of Plates

Plate No.	Title
1	Existing Site Conditions
2	Geologic Sections A-A', B-B', C-C'
3	Geologic Sections D-D', E-E'
4	Bedrock Contour Map
5	Overburden Groundwater Contour Map - June 21, 1984
6	Overburden Groundwater Contour Map - March 6, 1987

EXECUTIVE SUMMARY

Dunn Geoscience Corporation (DGC) was retained by Texaco Inc. (Texaco) to perform a groundwater quality and hydrogeologic assessment for post-remedial and off-site monitoring relative to its remediated CERCLA site. Texaco owns 90 acres of undeveloped land near its research facility in Glenham, New York on which past activities included disposal of laboratory and other facility waste primarily by the method of land burial.

Texaco conducted several investigations of the site which included drilling and well installations in the overburden and bedrock and laboratory analyses of soil, groundwater and surface water for an extensive range of parameters to determine site characteristics. Subsequently, the site was remediated by excavating and removing contaminated material from the site in accordance with a New York State Department of Environmental Conservation (NYSDEC) approved Remedial Action Plan.

The off-site monitoring program was developed through negotiations with the NYSDEC, Region 3, New Paltz, New York and included six rounds of sampling and analysis of both on-site and off-site monitoring wells for selected parameters for a period beginning June 3, 1986 and ending February 11, 1987. The program called for a review of the groundwater information after completion of the six rounds of sampling and analysis "to modify or refine the monitoring program to reflect the significance of the data obtained." Texaco retained Dunn Geoscience Corporation (DGC) beginning in August, 1986 to perform a comprehensive assessment of the monitoring program.

The existing monitoring well network adequately characterizes the CERCLA site. Although samples from a few of the on-site wells indicate an impact on the site groundwater, only very low levels of a few contaminants have been detected off site. The majority of groundwater flow from the CERCLA site is off site toward the valley east of the site and toward Fishkill Creek which is a regional discharge point for groundwater. Off-site wells OS-2 and OR-2 are properly located to monitor off-site flow from the CERCLA site.

Of the on-site wells sampled during post-remediation, only four ever detected any chemicals. Of these, only one well, DB-8A, ever exceeded a concentration of 50 ug/L for any individual parameter. During post-remediation monitoring, no purgeable organics were detected in bedrock groundwater and phenol was never detected in any overburden or bedrock groundwater monitoring well.

Contaminants in off-site groundwater have been detected only in bedrock well OR-2 at very low concentrations. Well OS-2, which monitors flow from the site through the overburden, has shown no detectable levels of contaminants. The rate of groundwater movement and contaminant migration in the bedrock cannot be determined from the current data. The rate of improvement in groundwater quality expected in well OR-2, due to site remediation, can be calculated once groundwater flow velocities in bedrock are determined through additional testing.

Some groundwater from the CERCLA site, near the remediated CBS No. 1 area, may flow to the north toward wells UC-1, DC-1 and DC-2 if the nearby groundwater divide shifts south of its usual location. Additional piezometers are necessary to fully evaluate flow through the groundwater divide area.

The following monitoring locations are proposed to further define groundwater flow patterns, contaminant migration pathways and improvements in groundwater quality.

- The groundwater divide area between UC-1A and DB-8A: Five piezometers in this area would further define flow patterns at the groundwater divide. Three piezometers should be

spaced evenly (approximately 50 feet apart) between wells UC-1A and DB-8A. Two more piezometers will be installed either side of the center piezometer at appropriate distances. Proposed locations are shown on Plate 1.

- Approximately 500 feet downgradient of wells DC-1 and DC-2: A monitoring well pair (DC-3) to monitor groundwater quality will be installed at the center of the valley to intercept groundwater flow northward toward Fishkill Creek. The upper well will be screened from the seasonal high groundwater table, downward ten feet. The lower well will screen the next ten-foot interval below the upper well.

The following monitoring wells will be sampled quarterly to develop a data base which shows anticipated improvements in groundwater quality due to site remediation.

- OR-2
- OS-2
- DB-8A
- UC-1A
- DC-1
- DC-2
- DC-3
- DC-4

Well UB-5 will be sampled annually to provide background groundwater quality. Well pair DB-11/17 will be sampled annually since they have been clean since remediation. During quarterly sampling events, groundwater levels will be measured in all CERCLA monitoring wells and piezometers to define groundwater flow directions.

Results of the extensive analyses conducted during past investigations indicate that only a few parameters need to be analyzed to accurately characterize the groundwater quality at the site. Groundwater samples collected during future sampling events should be analyzed for the following indicator parameters.

- chloroform
- tetrachloroethene
- 1,1,1-trichloroethane
- 1,2-dichloropropane
- trichloroethene

Finally, falling head or constant head permeability tests in wells DB-11 and OR-2 will be conducted. Bedrock permeability values obtained from these tests will be used to determine groundwater flow velocities and hence, the rate of improvement in groundwater quality expected in the off-site bedrock well due to site remediation.

1.0 INTRODUCTION

Dunn Geoscience Corporation (DGC) was retained by Texaco, Inc. (Texaco) to perform a hydrogeologic assessment for post-remedial and off-site monitoring relative to their remediated CERCLA site.

Several reports have been generated in the past by various consultants investigating the CERCLA or "landfill" site. A summary of these follows:

- Dunn Geoscience Corporation - 1981
  "Evaluation of the Geologic and Hydrogeologic Conditions at the Sludge Lagoon, Inactive Landfill Areas and Tank Farm"
- Dunn Geoscience Corporation - 1983
  "Phase II Landfills Area Study - Groundwater Quality Assessment"
- O.H. Materials Company - 1985
  "Report, Site Investigation, Inactive Disposal Site"
- O.H. Materials Company - 1986
  "Report for Off-Site Monitoring Well Installation, Texaco's Inactive Disposal Site"
- O.H. Materials Company - 1986
  "Report of Remedial Action At An Inactive Disposal Site"
- O.H. Materials Company - 1986
  "Report for Installation of On-Site Monitoring Wells, Texaco's Inactive Disposal Site"

These reports span the period from the earliest investigation of the site through post-remedial activities.

1.1 Purpose

The purpose of this report is to compile and interpret all data generated to date on the Texaco CERCLA site and provide a groundwater quality and hydrogeologic assessment of the post-remedial and off-site monitoring program.

1.2 Background

Texaco Research Center Beacon (TRCB) is a Texaco Inc. owned and operated facility located on approximately 50 acres of land in Glenham, New York. Texaco also owns an additional 90 acres of undeveloped land in proximity to this facility. TRCB is an on-shore, non-production, non-transportation laboratory complex engaged in research, development and technical services related to petroleum products and energy.

On the 90-acre parcel, past activities included disposal of laboratory and other facility waste primarily by the method of land burial. Disposal activities began in the 1930's. Texaco designated several separate disposal areas as follows:

Container Disposal Site

The container disposal site is reported to have received empty containers and trash. Disposal at this location apparently occurred by direct dumping on the ground surface.

Disposal Pit

The disposal pit was used for disposal of liquids. Apparently, small quantities of varied types of materials were deposited in the pit, although the exact method of disposal is unknown.

Old Sludge Lagoon

Sludges from the TRCB wastewater treatment system were disposed in this small lagoon from 1959 through 1963.

Chemical Burial Sites

Laboratory wastes were buried in three separate areas at various times. The first area, Chemical Burial Site No. 1 (CBS No. 1) was in operation from July, 1961 through March, 1966. CBS No. 2 was used from June, 1966 through June, 1970 and CBS No. 3 was used between September, 1970 and November, 1977. Although some waste types sent to these pits were documented, most were unidentified.

1.3 CERCLA Site History

As described above, the current CERCLA site received laboratory and facility wastes for a number of years during a time when land burial of such wastes was an acceptable method of disposal. The first investigation of the site was conducted by DGC, for Texaco, in June, 1981. DGC was again retained by Texaco beginning November, 1981 to continue investigating the inactive disposal area. Following completion of the DGC investigations, Texaco retained O.H. Materials Company (OHM) to conduct a site investigation study geared toward site characterization for clean-up activities and to develop an off-site monitoring program and install the corresponding off-site monitoring wells. The off-site monitoring program was developed through negotiations with the New York State Department of Environmental Conservation (NYSDEC) Region 3, New Paltz, New York and included six rounds of sampling and analysis of both on-site and off-site monitoring wells for selected

parameters for a period beginning June 3, 1986 and ending February 11, 1987. The program called for a review of the groundwater information after completion of the six rounds of sampling and analysis "to modify or refine the monitoring program to reflect the significance of the data obtained." Texaco again retained DGC beginning in August, 1986 to perform a comprehensive assessment of the monitoring program, the culmination of which is this report. Plate 1 shows the existing site conditions, including the CERCLA monitoring well network (with proposed monitoring wells DC-3 and DC-4), proposed piezometers and the locations of the primary remediated disposal sites.

2.0 GEOLOGY AND HYDROLOGY

2.1 Site Geology

The site geology is depicted on the geologic cross-sections presented on Plates 2 and 3. These sections were developed using information from borings drilled during all previous investigations. The subsurface on the sections shows the two primary hydrologic units at the site, the glacial till and the bedrock. The location and screened interval of many of the CERCLA wells is also shown.

2.1.1 Glacial Till

The site is located in a small valley between drumlins comprised of glacial till to the west and northeast. All borings at the site and in surrounding areas encountered varying thicknesses of glacial till. The color grades from brown to gray at approximately 15 feet below surface in areas where underlying bedrock is sufficiently deep. The grain size distribution of the till is consistant with depth, suggesting that the color difference is the result of oxidation caused by surface water infiltrating downward through the relatively permeable till.

The composition of the till is variable due to the mode of deposition, and wide variations are observed across the site. In general, the composition of the till averages about 75% sand and gravel and about 25% silt and clay. Zones containing a higher percentage of sand and gravel were encountered in the following borings: DB-12 (0-11 feet), DB-13 (10-12.6 feet), DB-17 (6-6.6 feet) and DB-18 (0-9.6 feet). Coarser zones were also encountered off site in OR-1 (25-27 feet), OS-2 (15-16 feet), OR-4 (15-17, 45-47 feet); and near the container disposal

site in DC-1 (8-15 feet), DC-2 (14.5-15.5 feet), and UC-1 (14.5-15.5 feet). In borings DB-13, DB-17 and OR-4 thin layers of relatively clean sand and gravel lie immediately over bedrock. A soft soil zone or void was encountered in DB-16 just above the bedrock, which resulted in lost drill water and use of an unusually large sand volume for backfilling during well installation. Cobbles and boulders occur ramdomly throughout the till. Cobble or boulder zones were encountered in DB-11 (6-8.5 feet), DB-12 (6-10 feet) and OR-4 (19-26 feet).

2.1.2 Bedrock

Bedrock encountered beneath the site belongs to the Wappinger Group of Cambro-Ordovician age. Bedrock was cored in borings DB-6a, DB-10, 11 and 12 and consists of medium to dark gray dolomite, which is highly fractured and exhibits some very broken zones. Occasional brown soft sandy seams and joints were encountered in the bedrock in all three of the borings, and occasional very hard siliceous zones are present. The surface of the bedrock beneath the site is shown by the contours on Plate 4.

The dolomite in the immediate vicinity of the burial sites is capped by up to one foot of soft weathered rock, but is generally hard and only slightly weathered at depth. During the drilling of DB-11, 100% water loss occurred at more than 35 gpm in the upper foot of bedrock. However, after grouting, drilling proceeded normally through deeper, stronger rock. Bedrock slightly east of the site exhibits a softer, more fractured character. Bedrock collapsed during the drilling of off-site wells OR-1, OR-2, OR-3 and OR-4 indicating that extensive weathering and fracturing extends well below the bedrock surface. Notably, these wells lie closer to the regional fault along the east side of the Fishkill Creek valley.

A bedrock high has been mapped beneath the CERCLA site (Plate 4). The highest bedrock elevation is in the area of well DB-6B, where bedrock was encountered at an elevation of approximately 230.0 feet. The bedrock surface appears to fall off rapidly to the east and west. No bedrock was encountered in any of the borings near the former RCRA sludge lagoon. Bedrock elevation drops more than 60 feet to an elevation of 167.6 feet at OR-3, approximately 400 feet east of the bedrock high at DB-6B. This configuration of the bedrock surface is consistent with evidence of softer, less competent rock in the off site wells and harder, competent rock immediately beneath the site. Additionally, extensive faulting and fracturing of bedrock in the valley area probably accounts for some of the irregularity noted in the bedrock.

2.2 Site Hydrogeology

Groundwater in the area is derived from precipitation falling directly on the site and the adjacent uplands. The surface of the saturated zone, or water table, is unconfined and free to rise and fall with changing rates of recharge and discharge. Normally, water-table elevations are highest in spring after the melting of snow, and lowest in late summer and fall as a result of reduced rainfall and greater evapotranspiration.

Table 2.1 shows all water level elevations measured at the site from June 3, 1981 to present. Water levels measured in the monitoring wells on June 21, 1984 and March 6, 1987 were used to construct water-level contour maps (Plates 5 and 6). Both measured and inferred water levels are indicated, as well as groundwater flow directions. The surface of the saturated zone, or water table, generally parallels the land surface but with relatively subdued relief. The different elevations of the potentiometric surface on each map reflect seasonal changes in groundwater levels. The groundwater flow directions on each map are basically the same.

TABLE 2.1
WATER LEVEL ELEVATIONS
TEXACO INC.

WELL NUMBER	ELEVATION	DATE									
		JUNE 3,1981	JUNE 5,1981	JUNE 8,1981	JUNE 12,1981	JUNE 17,1981	JULY 2,1982	MAY 31,1984	JUNE 5,1984	JUNE 14,1984	JUNE 19,1984
UC-1	237.53	-	-	-	-	-	-	-	-	-	-
DC-1	229.52	-	-	-	-	-	-	-	-	225.52	225.33
DC-2	229.19	-	-	-	-	-	-	-	-	226.42	226.15
UB-5	250.50	-	232.67	231.77	232.07	232.47	-	243.82	236.67	233.31	233.25
DB-6A	237.03	-	223.60	223.30	223.00	223.30	-	DRY	226.18	225.13	224.40
DB-6B	236.45	-	-	-	DRY	DRY	-	DRY	DRY	DRY	DRY
DB-7	235.50	227.88	227.58	227.28	227.08	226.88	-	232.85	-	229.00	228.58
DB-8	233.00	-	-	-	224.68	224.18	-	229.81	228.67	227.04	226.04
DB-10	235.62	-	-	-	-	-	-	-	226.45	225.04	224.35
DB-11	231.47	-	-	-	-	-	-	-	225.51	224.22	223.64
DB-12	230.93	-	-	-	-	-	-	-	226.39	225.93	225.49
DB-13	236.94	-	-	-	-	-	-	234.97	231.54	227.56	226.67
DB-14	243.68	-	-	-	-	-	232.69	236.35	237.35	232.91	232.33
DB-15	239.94	-	-	-	-	-	-	235.08	234.27	232.02	231.11
DB-16	240.73	-	-	-	-	-	-	228.17	231.47	-	DRY
DB-17	232.09	-	-	-	-	-	-	227.56	-	224.17	223.76
DB-18	231.93	-	-	-	-	-	-	229.83	-	228.85	228.10
DB-20	233.26	-	-	-	-	-	-	227.94	228.81	226.82	226.55
DB-21	230.25	-	-	-	-	-	-	-	229.28	228.75	228.02
DB-30	234.74	-	-	-	-	-	-	-	-	224.99	224.82
DB-31	236.23	-	-	-	-	-	-	-	-	228.67	227.40
OR-1	262.46	-	-	-	-	-	-	-	-	-	-
OS-1	262.07	-	-	-	-	-	-	-	-	-	-
OR-2	222.47	-	-	-	-	-	-	-	-	-	-
OS-2	222.30	-	-	-	-	-	-	-	-	-	-
OR-3	233.67	-	-	-	-	-	-	-	-	-	-
OS-3	233.60	-	-	-	-	-	-	-	-	-	-
OR-4	272.63	-	-	-	-	-	-	-	-	-	-
OS-4	273.85	-	-	-	-	-	-	-	-	-	-

TABLE 2.1 (CONT'D)

		JUNE 21,1984	JULY 12,1985	FEB.28,1986	JUNE 3,1986	AUG 1,1986	AUG 25,1986	AUG 26,1986	OCT 27,28,1986	DEC 11,1986	MAR 6, 1987
UC-1	237.53	231.76	229.45	-	-	-	-	A	A	A	A
DC-1	229.52	225.24	224.19	-	-	-	-	224.0	223.52	225.02	225.27
DC-2	229.19	225.77	224.52	-	-	-	-	-	-	-	-
UB-5	250.50	233.10	232.42	235.11	-	-	-	232.47	-	231.87	236.92
DB-6A	237.03	224.05	224.03	-	223.61	224.78	-	223.00	DRY	224.5	225.78
DB-6B	236.45	DRY	-	-	-	-	-	-	-	-	-
DB-7	235.50	228.06	227.83	-	-	-	-	A	A	A	A
DB-8	233.00	225.79	223.67	-	-	-	-	A	A	A	A
DB-10	235.62	223.81	220.87	-	-	-	-	A	A	A	A
DB-11	231.47	223.52	221.47	-	-	-	-	221.53	219.00	222.00	224.22
DB-12	230.93	225.07	223.43	-	-	-	-	-	-	-	226.93
DB-13	236.94	225.97	224.44	228.33	-	-	-	A	A	A	A
DB-14	243.68	231.98	229.51	234.05	-	-	-	-	-	-	232.22
DB-15	239.94	230.49	229.36	-	-	-	-	-	-	-	-
DB-16	240.73	DRY	-	225.60	-	-	-	-	-	-	226.40
DB-17	232.09	223.41	DRY	226.44	-	-	-	DRY	DRY	-	224.59
DB-18	231.93	227.73	222.35	-	-	-	-	-	-	-	229.43
DB-20	233.26	DRY	DRY	-	-	-	-	-	-	-	-
DB-21	230.25	224.67	226.00	-	-	-	-	-	-	-	-
DB-30	234.74	DRY	DRY	-	-	-	-	-	-	-	-
DB-31	236.23	226.88	224.73	229.12	-	-	-	223.70	DRY	-	229.06
OR-1	262.46	-	-	-	246.88	244.79	-	244.96	238.80	246.46	255.38
OS-1	262.07	-	-	-	247.24	244.82	245.07	-	239.07	246.49	255.57
OR-2	222.47	-	-	-	215.47	213.72	-	211.80	200.39	210.72	215.22
OS-2	222.30	-	-	-	216.38	213.55	216.47	-	DRY?	216.72	216.47
OR-3	233.67	-	-	-	215.17	208.17	-	211.00	188.67	200.59	212.84
OS-3	233.60	-	-	-	228.27	224.60	226.60	-	222.10	231.60	224.60
OR-4	272.63	-	-	-	237.63	232.96	-	232.63	225.30	232.13	238.38
OS-4	273.85	-	-	-	269.35	273.85	269.85	-	268.85	273.85+	273.85+

(A) = REPLACEMENT WELL NOT SURVEYED
(-) = NO MEASUREMENT

Four wells (DB-6B, DB-16, DB-20, DB-30) which terminate just above the bedrock mound beneath the site (Plate 4), were dry. Bedrock elevations at these four locations range from 224.2 to 229.7 feet. The water table apparently intersects the bedrock in this area resulting in dry overburden wells and water-table conditions in the bedrock. On February 28, 1986, groundwater was flowing from well OS-4, indicating a temporary flowing artesian condition (i.e., the potentiometric surface of the groundwater is above the ground surface).

As shown on Plates 5 and 6, groundwater flows in a direction of decreasing hydraulic gradient that is perpendicular to the groundwater contour lines. Groundwater to the west of the three former landfill areas flows in an easterly direction, passing through the former landfill areas, and then converges beneath the small drainage channel east of the site. A strong southerly gradient between OS-1 and OS-2 and a northerly gradient between OS-4 and OS-2 also indicate convergence of flow in the small valley east of the CERCLA site. The drainage channel in this valley is a tributary to Fishkill Creek. Intermittent flow in this channel is evidence that it may serve as a discharge zone for the groundwater when the water table intersects the bottom of the drainageway.

A relatively flat groundwater divide exists immediately northwest of former CBS No. 1. From this divide, groundwater flows either northward toward wells DC-1 and DC-2 or south-southeastward toward the valley east of the CERCLA site. Groundwater flowing north from the divide flows through the north-south trending valley between the drumlins and eventually discharges to Fishkill Creek. Groundwater flowing south-southeastward from the divide converges in the valley east of the CERCLA site where it then flows northeastward toward Fishkill Creek.

Characterization of the ability of the till to transmit water is difficult because of the general heterogeneity of glacial till. Boring logs indicate wide ranges of clay, silt, sand and gravel proportions occurring randomly throughout the till. Generally, however, the till at the site is relatively permeable, and low permeability layers of silt and clay have been found to be discontinuous.

Vertical hydraulic conductivity values of the till measured during previous studies at different borings vary by several orders of magnitude. The hydraulic conductivity of sandy till was moderately high (about 10^{-2} cm/sec) while that of more clayey till was lower (between 10^{-4} and 10^{-5} cm/sec). Laboratory testing of the clayey till indicated a vertical hydraulic conductivity in the range of 10^{-7} cm/sec. Laboratory tests, however, are recognized as yielding generally low values. Assuming a hydraulic gradient of 0.02 ft./ft. in the valley at the CERCLA site, a porosity of 0.20, and a hydraulic conductivity of 1×10^{-3} cm/sec, the calculated groundwater velocity is about 100 ft/year. The till immediately over bedrock, which, in many borings, appears to contain a smaller percentage of fine material, may have a consistently higher hydraulic conductivity, and thus may support greater groundwater velocities.

Several well pairs were installed, consisting of a bedrock well and a corresponding overburden well. The off-site pairs, designated "OS" for "off-site shallow and "OR" for off-site rock", include: OS-1 & OR-1, OS-2 & OR-2, OS-3 & OR-3 and OS-4 & OR-4. On-site bedrock/overburden well pairs include wells DB-11/DB-17, DB-10/DB-7, DB-6A/DB-6B and DB-12/DB-18. In all cases, simultaneous water-level measurements reveal a lower hydrostatic head in the bedrock well of each pair. This measurement of a downward vertical gradient indicates the presence of a vertical flow component toward bedrock, a

situation indicative of hydraulic continuity between the two units. The head differential in the well pairs decreases toward discharge zones, as expected. Higher groundwater elevations in the on-site bedrock wells than in the off-site bedrock wells indicates groundwater flow in the bedrock to the east or northeast.

With the exception of OR-4 and OR-3, which have well screens in only the upper portions of the rock borings, the bedrock wells monitor the entire bedrock borehole. Thus, water levels in most of these wells represent hydrostatic heads integrated over the length of the borehole.

2.3 CERCLA Monitoring Well Network

A total of 29 CERCLA monitoring wells have been installed since 1981 in the general vicinity of the site. Table 2.2 presents the installation details for all CERCLA wells which have been installed. The UB/DB-series wells were installed to monitor the inactive landfill areas while the UC/DC-series wells were installed to monitor the container dump site further north. Five of these wells (UC-1, DB-7, DB-8, DB-10 and DB-13) were destroyed during site remediation and subsequently replaced (UC-1A, DB-7A, DB-8A, DB-10A and DB-13A, respectively). Wells DB-15, DB-20 and DB-21 were similarly destroyed but not replaced due to their non-strategic locations.

The replacement wells monitor the same material as their original counterpart as evidenced by the similar soils logged in both the original and replacement borings. Eight off-site wells (OS-1, OR-1, OS-2, OR-2, OS-3, OR-3, OS-4 and OR-4) were installed as designated by NYSDEC to the east along Belvedere Road to monitor potential off-site migration of contaminants.

TABLE 2.2
MONITORING WELL INSTALLATION DATA
TEXACO INC.

WELL ID	INSTALLED BY	INSTALLATION DATE	LOCATION	WELL TYPE	DRILLED DEPTH	MATERIAL DRILLED	SENSING ZONE
UB-5	DGC	JUN 1981	west of CBS-2,3	ovbn.	47.8	6.0' into rock	15'-20' (till)
DB-6a	DGC	JUN 1981	east of CBS-3	rock	15.5	9.5' into rock	4.5' open in rock
DB-6b	DGC	JUN 1981	east of CBS-3	ovbn.	5.0	0.5' into rock	1.3'-4.3' (till)
DB-7	DGC	JUN 1981	east of CBS-2	ovbn.	19.0	1.2' into rock	5'-10' (till)
DB-8	DGC	JUN 1981	east of CBS-1	ovbn.	25.0	2.5' into rock	14'-19' (till)
DB-10	DGC	FEB 1982	east of CBS-2	rock	44.3	25.3' into rock	19.7' open in rock
DB-11	DGC	FEB 1982	east of CBS-2	rock	28.0	19.0' into rock	14.0' open in rock
DB-12	DGC	FEB 1982	east of CBS-3	rock	35.0	24.0' into rock	20.0' open in rock
DB-13	DGC	DEC 1981	southeast of CBS-2	ovbn.	14.0	1.4' into rock	7'-12' (till)
DB-14	DGC	DEC 1981	north of CBS-1	ovbn.	32.0	till	20'-25' (till)
DB-15	DGC	DEC 1981	northeast of CBS-2	ovbn.	21.0	till	13.5'-18.5' (till)
DB-16	DGC	DEC 1981	southeast of CBS-3	ovbn.	12.8	till	7'-12' (till)
DB-17	DGC	DEC 1981	east of CBS-2	ovbn.	7.5	0.9' into rock	2'-6.4' (till)
DB-18	DGC	DEC 1981	east of CBS-3	ovbn.	12.0	till	5.3'-10.3' (till)
DB-20	DGC	MAY 1982	east of CBS-3	ovbn.	8.5	on rock	5.5'-8.5' (till)
DB-21	DGC	MAY 1982	south of CBS-1	ovbn.	11.5	on rock	3'-6' (till)
DC-1	OHM	JUN 1984	N. of container area	ovbn.	15.0	till	2'-12' (till)
DC-2	OHM	JUN 1984	N. of container area	ovbn.	30.0	till	7.5'-17.5' (till)
UC-1	OHM	JUN 1984	S. of container area	ovbn.	26.5	on rock	1.5'-12' (till)
DB-30	OHM	JUN 1984	east of CBS-3	ovbn.	9.0	on rock	4'-8.5' (till)
DB-31	OHM	JUN 1984	east of CBS-3	ovbn.	13.0	on rock	2.5'-12.5' (till)
OR-1	OHM	OCT 1985	northeast of CBS-1	rock	81.0	21.0' into rock	55'-77'(till & rock)
OS-1	OHM	NOV 1985	northeast of CBS-1	ovbn.	35.0	till	27'-35' (till)
OR-2	OHM	NOV 1985	east of CBS-1	rock	51.0	23.0' into rock	28'-48' (rock)
OS-2	OHM	NOV 1985	east of CBS-1	ovbn.	16.0	till	7'-16' (till)
OR-3	OHM	NOV 1985	east of CBS-3	rock	91.0	25.0' into rock	66'-76' (rock)
OS-3	OHM	NOV 1985	east of CBS-3	ovbn.	16.0	till	6'-16' (till)
OR-4	OHM	NOV 1985	950' south of OR-3	rock	90.0	21.0' into rock	73'-83' (rock)
OS-4	OHM	NOV 1985	950' south of OR-3	ovbn.	22.0	till	5'-15' (till)
UC-1A	OHM	APR 1986	UC-1	ovbn.	21.6	on rock	2'-17' (till)
DB-7A	OHM	APR 1986	DB-7	ovbn.	15.0	till	3'-13' (till)
DB-8A	OHM	APR 1986	DB-8	ovbn.	20.0	till	5'-15' (till)
DB-10A	OHM	APR 1986	DB-10	rock	35.0	13.0' into rock	7.8' open in rock
DB-13A	OHM	APR 1986	DB-13	ovbn.	12.6	on rock	6.6'-11.6' (till)

NOTES:

1) SENSING ZONE IS SCREENED INTERVAL
2) WELLS DB-7, DB-8, DB-10, DB-13 AND UC-1 WERE DESTROYED DURING SITE REMEDIATION AND REPLACED BY WELLS DESIGNATED WITH THE SUFFIX "A"

In 1981, Dunn Geoscience Corporation (DGC) initiated a subsurface investigation of the inactive disposal area. Phase I of the investigation included installation of five monitoring wells in the vicinity of CERCLA site. An upgradient well (UB-5) and four downgradient wells (DB-6a, DB-6b, DB-7, DB-8) were installed specifically to monitor the three inactive landfill areas. All Phase I wells were screened in glacial till except DB-6a which is an open boring in bedrock from 5.0 to 9.5 feet below grade. All Phase I CERCLA wells except DB-6a terminate at bedrock, which is shallow in this area.

From December, 1981 to May, 1982, DGC conducted Phase II studies at the inactive landfill area. The purpose of the study was to further define the geologic, hydrogeologic and groundwater quality conditions of this area. Eleven wells were installed in the landfill area (Table 2.1). Three wells (DB-10, DB-11, DB-12) were drilled into the bedrock with 14 to 20 feet of hole left open in the bedrock. The remaining Phase II CERCLA wells were screened only in till.

In June, 1984, as part of the ongoing site investigations, O.H. Materials, Inc., installed two additional downgradient wells (DB-30 and DB-31) east of CBS No. 3. These were drilled to the relatively shallow bedrock and screened in glacial till. One upgradient and two downgradient wells (UC-1, DC-1 and DC-2, respectively) were installed to the south and north, respectively, of the inactive container disposal area. These were all screened in till. Well DC-1 was screened over an interval spanning the groundwater table while DC-2 was screened from a depth of 7.5 feet to 17.5 feet below grade to monitor a deeper zone of groundwater.

In October and November of 1985, four overburden/bedrock well pairs were installed east of the CERCLA site by OHM. Although bedrock wells of this series are the deepest of the entire network, extending as deep as 91 feet below surface, they are generally at higher ground surface elevations. Well screens were installed in these bedrock wells to counteract the tendency of less competent rock in this area to collapse into the boring.

The sensing zone of OR-1 may span bedrock and till, thereby monitoring conditions in both aquifers. Differences in water levels measured in OR-1 and OS-1 (Table 2.1) have consistently been three tenths of a foot or less. The downward vertical gradients measured in other off-site well pairs indicates that these wells are screened discretely in either till or bedrock.

All existing on-site and off-site wells comprising the CERCLA site monitoring network were installed in accordance with currently accepted practices. Groundwater samples and groundwater levels from the CERCLA monitoring wells are expected to accurately represent the hydrologic conditions at the site.

3.0 CERCLA SITE GROUNDWATER QUALITY

Based on the results of a monitoring program (conducted between October 1981 and February 1987) which consisted of extensive analytical testing including priority pollutant purgeables, base/neutrals and acids, pesticide/PCBs, metals, phenolics, cyanides, other site specific analytes and associated mass spectral library searches, the primary chemicals of concern have been shown to be limited to volatile chlorinated hydrocarbons.

Table 3.1 lists the sampling dates and the primary laboratories for pre- and post-remedial groundwater monitoring. Table 3.2 presents the specific well schedule for post-remedial groundwater sampling. Tables 3.3 presents a summary of post-remedial analytical monitoring data. Figures 3.1 and 3.2, found at the end of the text, present the time trends of concentrations of total purgeables and phenol(ics), respectively. Appendix A contains analytical data not previously submitted for regulatory review; Appendix B contains the pre-remedial groundwater sampling schedule and summary of groundwater analyses.

3.1 Pre-Site Remediation

3.1.1 Chemical Burial Site No. 3

The area immediately downgradient of Chemical Burial Site (CBS) No. 3 was monitored by overburden wells DB-6B, -16, -20, -30, -31 and bedrock well DB-6A.

Wells DB-6B, -16 and -30 have been repeatedly dry and as such have contributed no groundwater quality data. Well DB-20 exhibited only traces of a few compounds at the 1 to 3 ug/L level (sum total only 7 ug/L) during the first round of sampling in June 1982 and 1,1,1-trichloroethane (TCA, 46 ug/L) during the second round of sampling in February 1983. Well DB-31 was sampled in June 1984 and July 1985 and no chemicals were detected.

TABLE 3.1

TEXACO RESEARCH CENTER BEACON
CERCLA NO.3-0731
MONITORING SCHEDULE AND PRIMARY ANALYTICAL LABORATORY

Pre-Remedial Sampling Events

June 18, 1981	Holzmacher, McLendon and Murrell*
October 9, 1981	Texaco**
March 18, 1982	Texaco
June 3, 1982	Texaco
February 24, 1983	Environmental Testing and Certification***
January 16, 1984	Texaco
June 18, 1984	Environmental Testing and Certification
July 15, 1985	Environmental Testing and Certification

Post-Remedial Sampling Events

June 3, 1986	EnviroTest Laboratories****
August 1, 1986	EnviroTest Laboratories
August 25, 1986	EnviroTest Laboratories
October 27, 1986	EnviroTest Laboratories
December 11, 1986	EnviroTest Laboratories
February 10, 1986	EnviroTest Laboratories

* Melville, N.Y.
** Glenham, N.Y.
*** Edison, N.J.
**** Newburgh, N.Y.

Rounds of sampling requiring more than one day are referenced to by the first day only.

Table 3.2

POST-REMEDIAL GROUNDWATER SAMPLING

Date:	6/3/86	8/1/86	8/25/86	10/27/86	12/11/86	2/10/87
Round:	1	2	3	4	5	6
UB-5	-	-	X	X	X	X
UC-1A	-	-	X	X	X	X
DC-1	-	-	X	X	X	X
DB-6A	X	X	X	dry	X	X
DB-7A	X	X	X	X	X	X
DB-8A	X	X	X	X	X	X
DB-10A	X	X	X	X	X	X
DB-11	-	-	X	X	X	X
DB-13A	dry	dry	dry	dry	dry	X
DB-17	-	-	dry	dry	dry	dry
DB-31	-	-	X	dry	dry	dry
OR-1	X	X	X	X	X	X
OS-1	X	X	X	X	X	X
OR-2	X	X	X	X	X	X
OS-2	X	X	X	X	X	X
OR-3	X	X	X	X	X	X
OS-3	X	X	X	X	X	X
OR-4	X	X	X	X	X	X
OS-4	X	X	X	X	X	X

Table 3.3 (sheet 1 of 6)
Summary of Post-Remedial Monitoring

	UB-5				UC-1A			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	0/4	ND	ND	ND	0/4	ND	ND	ND
1,1-dichloroethane	0/4	ND	ND	ND	0/4	ND	ND	ND
1,2-dichloroethane	0/4	ND	ND	ND	1/4	3(F)	ND	3
t-1,2-dichloroethene	0/4	ND	ND	ND	1/4	7(F)	ND	7
1,2-dichloropropane	0/4	ND	ND	ND	0/4	ND	ND	ND
tetrachloroethene	0/4	ND	ND	ND	1/4	7(C)	ND	ND
1,1,1-trichloroethane	0/4	ND	ND	ND	1/4	3(F)	ND	3
trichloroethene	0/4	ND	ND	ND	1/4	4(F)	ND	4

	DC-1				DB-6A			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	0/4	ND	ND	ND	0/5	ND	ND	ND
1,1-dichloroethane	2/4	6(F)	ND	6	0/4	ND	ND	ND
1,2-dichloroethane	0/4	ND	ND	ND	0/4	ND	ND	ND
t-1,2-dichloroethene	2/4	15	ND	14	0/4	ND	ND	ND
1,2-dichloropropane	0/4	ND	ND	ND	0/5	ND	ND	ND
tetrachloroethene	0/4	ND	ND	ND	0/4	ND	ND	ND
1,1,1-trichloroethane	3/4	8(F)	ND	8	0/5	ND	ND	ND
trichloroethene	3/4	34(C)	ND	28	0/5	ND	ND	ND

(See footnotes on Sheet 6 of Table 3.3)

Table 3.3, cont'd (sheet 2 of 6)

	DB-7A				DB-8A			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	0/6	ND	ND	ND	6/6	1010(C)	57(D)	730
1,1-dichloroethane	0/5	ND	ND	ND	3/5	68(F)	ND	68
1,2-dichloroethane	0/5	ND	ND	ND	0/5	ND	ND	ND
t-1,2-dichloroethene	0/5	ND	ND	ND	0/5	ND	ND	ND
1,2-dichloropropane	0/6	ND	ND	ND	4/6	8(C)	ND	7
tetrachloroethene	0/5	ND	ND	ND	0/5	ND	ND	ND
1,1,1-trichloroethane	2/6	2(F)	ND	2	6/6	340(F)	9(D)	340
trichloroethene	0/6	ND	ND	ND	6/6	43(F)	14(A)	43

	DC-10A				DB-11			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	0/6	ND	ND	ND	0/4	ND	ND	ND
1,1-dichloroethane	0/5	ND	ND	ND	0/4	ND	ND	ND
1,2-dichloroethane	0/5	ND	ND	ND	0/4	ND	ND	ND
t-1,2-dichloroethene	0/5	ND	ND	ND	0/4	ND	ND	ND
1,2-dichloropropane	0/6	ND	ND	ND	0/4	ND	ND	ND
tetrachloroethene	0/5	ND	ND	ND	0/4	ND	ND	ND
1,1,1-trichloroethane	0/6	ND	ND	ND	0/4	ND	ND	ND
trichloroethene	0/6	ND	ND	ND	0/4	ND	ND	ND

(See footnotes on Sheet 6 of Table 3.3)

Table 3.3, cont'd (sheet 3 of 6)

	DB-13A				DB-31			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	1/1	30(F)	--	30	0/2	ND	ND	ND
1,1-dichloroethane	0/1	ND	ND	ND	0/2	ND	ND	ND
1,2-dichloroethane	0/1	ND	ND	ND	0/2	ND	ND	ND
t-1,2-dichloroethene	0/1	ND	ND	ND	0/2	ND	ND	ND
1,2-dichloropropane	0/1	ND	ND	ND	0/2	ND	ND	ND
tetrachloroethene	1/1	42(F)	--	42	0/2	ND	ND	ND
1,1,1-trichloroethane	1/1	2(F)	--	2	0/2	ND	ND	ND
trichloroethene	0/1	ND	ND	ND	0/2	ND	ND	ND

(See footnotes on sheet 6 of Table 3.3)

Table 3.3, cont'd (sheet 4 of 6)

	OR-1				OS-1			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	0/6	ND	ND	ND	0/6	ND	ND	ND
1,1-dichloroethane	0/1	ND	ND	ND	0/1	ND	ND	ND
1,2-dichloroethane	0/1	ND	ND	ND	0/1	ND	ND	ND
t-1,2-dichloroethene	0/1	ND	ND	ND	0/1	ND	ND	ND
1,2-dichloropropane	0/6	ND	ND	ND	0/6	ND	ND	ND
tetrachloroethene	0/1	ND	ND	ND	0/1	ND	ND	ND
1,1,1-trichloroethane	0/6	ND	ND	ND	0/6	ND	ND	ND
trichloroethene	0/6	ND	ND	ND	0/6	ND	ND	ND

	OR-2				OS-2			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	1/6	1(B)	ND	ND	0/5	ND	ND	ND
1,1-dichloroethane	0/1	ND	ND	ND	0/1	ND	ND	ND
1,2-dichloroethane	0/1	ND	ND	ND	0/1	ND	ND	ND
t-1,2-dichloroethene	0/1	ND	ND	ND	0/1	ND	ND	ND
1,2-dichloropropane	5/6	9(B)	ND	8	0/5	ND	ND	ND
tetrachloroethene	0/1	ND	ND	ND	0/1	ND	ND	ND
1,1,1-trichloroethane	0/6	ND	ND	ND	0/5	ND	ND	ND
trichloroethene	2/6	2(A,B)	ND	ND	0/5	ND	ND	ND

(See footnotes on Sheet 6 of Table 3.3)

Table 3.3, cont'd (sheet 5 of 6)

	OR-3				OS-3			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	0/6	ND	ND	ND	0/6	ND	ND	ND
1,1-dichloroethane	0/1	ND	ND	ND	0/1	ND	ND	ND
1,2-dichloroethane	0/1	ND	ND	ND	0/1	ND	ND	ND
t-1,2-dichloroethene	0/1	ND	ND	ND	0/1	ND	ND	ND
1,2-dichloropropane	0/6	ND	ND	ND	0/6	ND	ND	ND
tetrachloroethene	0/1	ND	ND	ND	0/1	ND	ND	ND
1,1,1-trichloroethane	0/6	ND	ND	ND	0/6	ND	ND	ND
trichloroethene	0/6	1(A)	ND	ND	0/6	ND	ND	ND

	OR-4				OS-4			
	Fr	Max	Min	MRAR[F]	Fr	Max	Min	MRAR[F]
Chloroform	0/6	ND	ND	ND	0/6	ND	ND	ND
1,1-dichloroethane	0/1	ND	ND	ND	0/1	ND	ND	ND
1,2-dichloroethane	0/1	ND	ND	ND	0/1	ND	ND	ND
t-1,2-dichloroethene	0/1	ND	ND	ND	0/1	ND	ND	ND
1,2-dichloropropane	0/6	ND	ND	ND	0/6	ND	ND	ND
tetrachloroethene	0/1	ND	ND	ND	0/1	ND	ND	ND
1,1,1-trichloroethane	0/6	ND	ND	ND	0/6	ND	ND	ND
trichloroethene	0/6	ND	ND	ND	0/6	ND	ND	ND

(See footnotes on sheet 6 of Table 3.3)

Table 3.3 (sheet 6 of 6)

FOOTNOTES FOR

SUMMARY OF POST-REMEDIAL MONITORING

Table 3.3 contains a summary of post-remedial monitoring data based on the frequency (Fr) of compound detections per times sought. The parameter list consists only of chemicals which were ever detected at or above their method detection limit.

These tables present, per well per parameter, the maximum concentration detected (Max), the minimum concentration observed (Min) and the most recent analytical result (MRAR). Upper case code letters as superscripts or in parentheses indicate the following schedule of sampling events.

A	June 3, 1986
B	August 1, 1986
C	August 25, 1986
D	October 27, 1986
E	December 11, 1986
F	February 10, 1987

Rounds of sampling lasting more than one day are referred to only by the first day of the round.

Bedrock well DB-6A showed only trace levels of 1,1,1-trichloroethane (less than or equal to 3 ug/L) between October 1981 and February 1983, but was consistently free of volatile organics (not-detected level) during three rounds of sampling in January and June, 1984, and July 1985.

3.1.2 Chemical Burial Site No. 2

Groundwater intercepting CBS No. 2 was monitored immediately downgradient by overburden wells DB-7, DB-13 and bedrock well DB-10. Farther downgradient monitoring was conducted with overburden well DB-17 and bedrock well DB-11.

Monitoring at well DB-7 between October 1981 and July 1985 showed a variety of chlorinated alkenes and alkanes whose total sum concentrations were well below 100 ug/L in each of the last two rounds of sampling. Total recoverable phenolics monitored between June 1981 and July 1985 showed a consistent decrease to not-detected levels during the last two rounds of sampling.

Monitoring well DB-13 also contained a variety of compounds and consistently showed the highest concentrations of organics in on-site groundwater.

Well DB-15 was located in an area of general undefined waste disposal (open dig area) between CBS No. 1 and No. 2. This area was poorly defined relative to its extent or depth and was used only for random waste disposal in small quantities. No detectable chemicals were found in well DB-15 during the June 1984 round of sampling and analysis, and only a few very low to trace level compounds were detected during two earlier sampling periods (June 1982 and February 1983). However, an anomalous observation of trichloroethene (151 ug/L) was detected during the July 1985 round of sampling.

Monitoring well DB-17 exhibited a variety of organics whose sum concentrations and number of compounds diminished significantly between March 1982 and June 1984. Total recoverable phenolics analyses showed a general decrease from the highest level observed in February 1983. Well DB-21 was installed in the former old sludge lagoon adjacent to CBS No. 1. Groundwater samples from this well may have been influenced by more than one potential source area and could not be considered as representative because of its position in the lagoon.

Bedrock well DB-10 was immediately downgradient of CBS No. 2 with well DB-11 farther downgradient. Well DB-11 was consistently chemical free during its last three rounds of sampling (January and June 1984 and July 1985). Well DB-10 showed the presence of only 1,2-dichloropropane during the last two rounds of sampling.

3.1.3 Chemical Burial Site No. 1

The only chemicals detected consistently in well DB-8 between October 1981 and July 1985 were chloroform and trichloroethene. The last round of sampling and analysis conducted in July 1985 revealed only 9 ug/L chloroform.

3.1.4 Container Dump Site

The container dump site in the northern-most end of the CERCLA site was monitored by upgradient well UC-1 and two downgradient wells, DC-1 and DC-2. The upgradient area also contained random waste disposal in the Open Dig Area (i.e., the area between CBS No. 1 and No. 2). Even though RCRA lagoon monitoring well DL-22 had shown traces of 1,1-dichloroethane and 1,1,1-trichloroethane (TCA), wells UC-1 and DB-14 had been consistently chemical free prior to site remediation, except for two insignificant trace compounds at the 1 ug/L method detection limit.

Well DL-23 showed no significant groundwater problem during three rounds of sampling and analysis between June 1982 and July 1985. Well DC-1, sampled twice prior to site remediation, showed only trichloroethene (TCE) (10 ug/L) during the June 1984 round of sampling and four compounds were observed during the July 1985 round, TCE at 27 ug/L and three additional compounds listed below, the sum of all four at 45 ug/L:

trans-1,2-dichloroethene
trichloroethene
1,1,1-trichloroethane
1,1-dichloroethane

Well DC-2, sampled in June 1984 and July 1985, contained no chemicals.

3.2 Site Remediation

Site remediation was conducted by O.H. Materials Corporation (OHM) from August 1985 through June 1986. Work was performed in accordance with the Remedial Action Plan approved by the New York State Department of Environmental Conservation (NYSDEC) on June 10, 1985 and as subsequently modified with NYSDEC approval.

3.2.1 Site Operations

The Remedial Action Plan called for the excavated materials to be disposed at the CECOS International Inc. (CECOS) landfill in Niagara Falls, New York. Physical limitations, as agreed to with the NYSDEC, determined the extent of excavation. These limitations involved excavating until all buried waste materials and potentially contaminated soils were removed.

At the completion of each excavation, the area was inspected by Texaco, NYSDEC and OHM personnel. Backfilling was not conducted until all parties were in agreement that the physical limitations of the Remedial Action Plan had been achieved and no signs of potential contamination remained. Composite samples of numerous aliquots from the bottom and walls of the excavations for CBS No. 1, No. 2, No. 3 and the old sludge lagoon were collected. The results of the analysis of these samples is described are Section 3.2.2.

Demobilization of men and equipment extended from the middle of February through the third week of March 1986 as project needs gradually decreased. Final grading of the site also took place in preparation for hydroseeding of the site. Hydroseeding was carried out during the week of June 23, 1986.

3.2.2 Analytical Soil Confirmation

Following removal of soil from the three chemical burial sites and the old sludge lagoon, a total of seven composite residual soil samples were collected from the bottom and walls of the excavated areas and analyzed for the EPA Hazardous Substance List of purgeable organics, base/neutrals and acids and pesticides/PCBs. No pesticides/PCBs were detected anywhere. Analyses were performed by NYSDEC laboratory and NANCO laboratory, Hopewell Junction, N.Y., and EPA CLP laboratory.

The only compound detected in CBS-1 was an inconsequential phthalate at 10 mg/kg. CBS-2 contained phenol (6.9 mg/kg), 2-methylphenol (5.6 mg/kg) and another phthalate (5.1 mg/kg). CBS-3 contained ethyl benzene, phenol, methyl and chloro substituted naphthalenes, phenanthrene and anthracene, all at concentrations well below 1 mg/kg and none of any concern. None of these compounds were ever detected in groundwater anywhere on site following remediation.

The only compounds detected in residual soil from the old sludge lagoon were a trace detection of 2-butanone (28 ug/kg) and butylbenzylphthalate (1.546 mg/kg).

3.3 Post-Site Remediation

Following site remediation between September 1985 and March 1986, six rounds of groundwater sampling and analysis were conducted for eight off-site wells (four overburden/rock well pairs) and eleven post-remediation, on-site wells and an intermittant stream.

Round	Date
1	June 3, 1986
2	August 1, 1986
3	August 25, 1986
4	October 27, 1986
5	December 11, 1986
6	February 10, 1987

Rounds 1-6 for off-site wells and round 1 and 2 only for on-site wells were analyzed for a list of five indicator parameters and phenol:

carbon tetrachloride
chloroform
1,2-dichloropropane
1,1,1-trichloroethane
trichloroethylene
phenol

All other rounds of off-site and on-site sampling were analyzed for the complete parameter list defined by EPA Method 624.

Table 3.2 lists the groundwater sampling schedule employed during post-remediation monitoring.

Indicator parameters have not been detected in upgradient well UB-5 during post-remedial monitoring.

3.3.1 Unconsolidated Water-Bearing Zone

Downgradient monitoring well DB-31 has been chemical free on all occasions when sufficient water was available for sampling. Other monitoring wells in this immediate area have been consistently dry.

Except for detections of 1,1,1-trichloroethane on June 3, 1986 (1 ug/L) and February 11, 1987 (2 ug/L), overburden well DB-7A has been without detection of any chemical parameters. Well DB-13A was dry during rounds 1-5, but contained sufficient water for sampling during round 6 when the following parameters were detected: carbon tetrachloride (30 ug/L), chloroform (30 ug/L), tetrachloroethene (42 ug/L) and 1,1,1-trichloroethane (2.4 ug/L).

Well DB-8A has consistently shown the presence of four of the five indicator parameters, excluding carbon tetrachloride which has never been detected.

Chloroform and 1,1,1-trichloroethane have been the predominant chemicals observed in well DB-8A, with average concentrations of the latter being almost twenty times lower than the average chloroform level during the first three rounds of sampling and analysis. Rounds 4 and 5 showed a significant decrease for both of these parameters. During the first three rounds,

concentrations of 1,2-dichloropropane never exceeded 8 ug/L and disappeared entirely during rounds 4 and 5. Trichloroethylene levels remained fairly constant during the first five rounds of sampling, never exceeding 32 ug/L.

This trend of decreasing groundwater concentrations was interrupted during round 6 when the four pertinent indicator parameters were observed at higher concentrations than observed during rounds 4 and 5. In addition, 1,1-dichloro- ethane (DCA) was observed at 68 ug/L. It had previously been detected only during rounds 3 and 4, never exceeding 7 ug/L. DCA could very well be a daughter compound of TCA, which showed the greatest increase of all parameters during round 6 relative to the first five rounds.

Well UC-1A showed very low concentrations and inconsistent detections of a few chemicals during post-remedial monitoring. Tetrachloroethylene was detected during round 3, nothing was detected during rounds 4 and 5, and TCE and TCA (and their 1,2 chlorinated analogs) were observed during round 6; no chemical in either round was detected above 7 ug/L.

The same chemicals observed in well DC-1 during the July 1985 pre-remediation round of sampling were observed in this well during rounds 4 and 6 of post-remedial monitoring; only TCA and TCE were observed in round 3. No chemicals from the entire EPA Method 624 list were detected during round 5. These chemical concentrations, when they were observed, were very consistent with TCE as the predominant species at approximately 30 ug/L. In no case did the sum of total purgeables ever exceed 56 ug/L.

Priority pollutant metals in groundwater were analyzed from select wells during post-remedial round 4 (DC-1 and UC-1A) and round 6 (DC-1, UC-1A and UB-5). Both DC-1 and UC-1A during round 4 exhibited elevated levels of antimony, chromium and

lead. Since levels were almost identical in both wells for the respective metals, and since these levels were not observed during round 6 monitoring, it is highly likely that these elevated results are laboratory artifact. Elevated mercury was detected in UC-1A during round 4, but mercury in a pour blank was also observed, indicating more lab or sampling artifact. All other metals results for both UC-1A and DC-1 during the two rounds of sampling were below the method detection limits or insignificantly low. Well UB-5, sampled for metals only during round 6, showed cadmium at 13 ug/L. However, the upgradient location and the fact that only one metal was observed rules out any probable problem. UB-5 represents background water quality.

3.3.2 Bedrock Groundwater

No detection of any chemicals has ever been observed during post-remedial monitoring at well DB-6A, DB-10 and DB-11. All wells were sampled as recently as February 1987. There is no indication of any present, on-site bedrock groundwater contamination.

3.3.3 Off-Site Wells

All eight off-site wells were sampled during all six rounds of post-remedial, off-site monitoring. Well pairs OR-1/OS-1, OR-3/OS-3 and OR-4/OS-4 never showed any detection of any chemicals tested for except one time trace detections (first round June 1986) of toluene in OR-3 and OR-4 and TCE in OR-3. These are insignificant and inconsequential. OR-3 and OR-4 do not monitor groundwater from the disposal site. Only low to trace concentrations of 1,2-dichloropropane were detected in only bedrock well OR-2 during the first four rounds of sampling; it disappeared during round 5 but returned during round 6 at the same low level. Traces of trichloroethylene and chloroform, which disappeared entirely after the second round of sampling are considered insignificant. No chemicals were ever detected in overburden well OS-2 which is properly located to monitor overburden groundwater flowing from the disposal site area.

4.0 RESULTS AND CONCLUSIONS

4.1 Hydrogeology

The existing CERCLA monitoring well network adequately characterizes the site hydrogeology and groundwater quality. The monitoring wells have been used to accurately define groundwater gradients and flow conditions over most of the site. The groundwater contour maps shown on Plates 5 and 6 indicate that most groundwater flow through the remediated CERCLA site is toward the valley east of the site and eventually toward Fishkill Creek which is a regional groundwater discharge point. Some groundwater from the CERCLA site flows northward toward wells DC-1 and DC-2 eventually reaching Fishkill Creek. The seven primary areas monitored by the existing CERCLA well network are discussed in the following paragraphs.

Chemical Burial Site No. 1

Groundwater flow through the former CBS No. 1 site is monitored by well DB-8A, as shown by groundwater contour maps (plates 5 and 6). Most of the groundwater flowing into the CBS No. 1 area originates in the drumlin west of CBS No. 2 where flow is downgradient (downhill in this case) toward the groundwater divide near well UC-1A. At the divide, some groundwater flows northward, but most turns southeastward toward CBS No. 1 and the valley east of the site. Groundwater flowing southeastward and through the northern-most portion of CBS No. 1 may bypass well DB-8A. Groundwater flowing off site from this area is monitored by well pair OR-2 and OS-2. As the groundwater table fluctuates in response to seasonal changes in recharge and discharge, it is possible that the flat gradients associated with the groundwater divide may reach to the CBS No. 1 area. Should this occur, the potential exists for groundwater from CBS No. 1 to flow northward rather than in its normal flow path to the southeast. Additional piezometers are necessary to fully evaluate flow

conditions in this area. Groundwater in the overburden from CBS No. 1 discharges to the drainage channel to the east during periods of high groundwater.

Chemical Burial Site No. 2

Groundwater flows from the drumlin west of the site into the CBS No. 2 area. Groundwater movement downgradient of CBS No. 2 is monitored by overburden wells DB-7A, DB-13A and DB-17 and bedrock wells DB-10A and DB-11. Water levels in well pairs DB-7A/10A and DB-11/17 indicate a downward component of groundwater flow. This downward vertical gradient indicates that the bedrock is being recharged in this area by groundwater in the overburden. Groundwater flow through the bedrock is probably controlled by secondary porosity features.

Groundwater in the overburden flows from the CBS No. 2 area southeastward toward the valley east of the site where it then flows northeastward along the trend of the valley toward Fishkill Creek. When the groundwater table is sufficiently high, groundwater from the CBS No. 2 area in the overburden discharges to the drainage channel east of the site.

Although well DB-7A is not sufficiently deep to monitor the entire zone of saturated overburden downgradient of CBS No. 2, overburden well DB-17, farther downgradient, monitors the entire zone. Additionally, groundwater flow through this area is monitored by off-site well pair OR-2 and OS-2.

Chemical Burial Site No. 3

Groundwater flowing into CBS No. 3 originates within the drumlin west of the site. Overburden monitoring wells DB-6B, DB-16, DB-30 and DB-31, and bedrock well DB-6A monitor groundwater flow immediately downgradient of CBS No. 3. Groundwater flow through CBS No. 3 is to the southeast but turns northeast along the small valley east of the site toward Fishkill Creek.

Vertical groundwater gradients measured in well pairs DB-6A/6B and DB-18/12 indicate that groundwater in the overburden recharges bedrock in this area. Groundwater table conditions exist in the bedrock where the bedrock knob, centered beneath well pair DB-6A/6B, rises above the groundwater table. As shown on the groundwater contour maps (plates 5 and 6), wells DB-12 and DB-18 lie on the opposite side of a groundwater trough from CBS No. 3 and are not influenced by CBS No. 3. Well pair DB-11/17 is downgradient near the center of the trough and intercepts groundwater originating from the CBS No. 3 area as well as from CBS No. 2. When the groundwater table is high enough to intercept the base of the drainage channel east of the site, groundwater in the overburden from the CBS No. 3 area discharges to the drainage channel. Groundwater flowing through this area is monitored by off-site well pair OR-2 and OS-2.

Container Disposal Site

The container disposal site (CDS) is monitored by upgradient well UC-1 and downgradient wells DC-1 and DC-2. Recharge to the CDS area is from the drumlins to the east and west and from the groundwater divide south of the CDS. Notably, groundwater from the west drumlin flowing through the CDS area originates from the area of the remediated RCRA lagoon. Groundwater reaching the CDS area flows northward beneath the north-south trending valley between the drumlins where it is monitored by wells DC-1 and DC-2 before reaching Fishkill Creek. These wells are screened over separate portions of the aquifer (Table 2.2) and do not reach bedrock beneath the valley. All three CDS wells (UC-1, DC-1 and DC-2) potentially monitor groundwater from the CBS No. 1 area which may reach the groundwater divide south of the CDS area and then flow northward toward Fishkill Creek. This situation may occur when the groundwater table fluctuates and the groundwater divide shifts southward toward the CBS No. 1 area. Additional piezometers in the groundwater divide area would be necessary to define this condition.

Disposal Pit

Groundwater recharge to the disposal pit area is from the west drumlin. Groundwater discharge from this area is to the southeast toward the valley east of the site. Groundwater from the disposal pit area is monitored by DB-8A, and possibly DB-11 and DB-17, which are located downgradient.

Old Sludge Lagoon

Groundwater flows into the old sludge lagoon area from the west drumlin and discharges toward the valley east of the site. Although there are no on-site monitoring wells directly downgradient of the old sludge lagoon, groundwater flow from this area is monitored by off-site well pair OS-2 and OR-2 as described below.

Off-Site Monitoring Wells

Off-site well pair OS-2 and OR-2 monitor off-site flow from the CERCLA site. As shown by the overburden groundwater contour maps (plates 5 and 6), overburden groundwater from most of the site flows toward the groundwater trough and then northeastward toward Fishkill Creek beneath the valley east of the site. Groundwater gradients in the bedrock indicate flow from the site toward the east or northeast. Most bedrock groundwater flow, is probably controlled by secondary porosity features.

4.2 Groundwater Quality

The following observations have been made regarding the quality of groundwater PRIOR to site remediation:

- Groundwater intercepting CBS No. 3 contained low levels of 1,1,1-trichloroethane in both the overburden and bedrock water-bearing zones.

- Groundwater intercepting CBS No. 2 contained predominately moderate levels of 1,2-dichloropropane in wells DB-7 and DB-10 and phenol(ics) in DB-7. A different groundwater chemistry was seen in well DB-13 (various levels of carbon tetrachloride, tetrachloroethene, chloroform, phenol(ics) and toluene) which appears to migrate through only the overburden toward well DB-17 and not into bedrock.

- Groundwater intercepting CBS No. 1 contained only low levels of chloroform and trichloroethene, and only very low chloroform by the end of pre-remedial monitoring.

- Groundwater downgradient of the container dump site, and flowing north from the CERCLA site groundwater divide, (i.e., flowing north in the valley between the two drumlins) was free of any apparent CERCLA-related chemistry. Low level detection of various chlorinated compounds in wells DC-1 and DC-2 appeared to be associated with groundwater from the former RCRA lagoon area.

The following observations have been made about the quality of groundwater AFTER site remediation:

- The only chemical which has apparently migrated off site is 1,2-dichloropropane, which is observed only in off-site bedrock well OR-2 at very low levels. No other off-site wells have contained chemicals since round 1. Residuals of other chemicals still exist in a few on-site wells but are expected to biodegrade and/or disperse to non-detectable concentrations in a relatively short time.

- The presence of chemicals in well UC-1A similar to those observed in the RCRA-related groundwater and well DC-1 suggest that the source of chemicals in UC-1A may be from both the CERCLA and RCRA sites.

- No phenol (as determined by GC/MS) has been detected in any on-site or off-site wells during six rounds of monitoring.

- No on-site bedrock contamination has been detected.

5.0 SUMMARY AND RECOMMENDATIONS

The existing monitoring well network appears to adequately characterize the CERCLA site. Although samples from the on-site wells indicate a slight, localized impact on the site groundwater, only very low levels of contaminants have been detected off site. The majority of groundwater flow from the CERCLA site is off site toward the valley east of the site and toward Fishkill Creek which is a regional discharge point for groundwater. Off-site wells OS-2 and OR-2 are properly located to monitor off-site flow from the CERCLA site.

The drainage channel in this valley receives groundwater discharge when the groundwater table is high enough to intercept the bottom of the channel. Some groundwater from the CERCLA site, near the remediated CBS No. 1 area, may flow to the north toward wells UC-1, DC-1 and DC-2 if the nearby groundwater divide shifts south of its usual location. Additional piezometers are necessary to fully evaluate flow through the groundwater divide area.

Contaminants in off-site groundwater have been detected only in bedrock well OR-2 at very low concentrations. Well OS-2, which monitors flow from the site through the overburden, has shown no detectable levels of contaminants. The rate of groundwater movement and contaminant migration in the bedrock cannot be determined from the current data. The rate of improvement in groundwater quality expected in well OR-2, due to site remediation, can be calculated once groundwater flow velocities in bedrock are determined through additional testing.

The absence of contaminants in off-site well OS-2 and the decrease in concentrations of contaminants from DB-7 to DB-17 indicates that there is no significant off-site migration of contaminants through the overburden. DB-8A showed decreased concentrations of contaminants in rounds 2 - 5 and increased concentrations in round 6. Groundwater flow rates in the valley of approximately 100 feet/year through the overburden indicate that any impacts on groundwater quality from the CERCLA site should be evident in well OS-2. Contaminants are being diluted by clean groundwater or naturally biodegraded to below detectable levels and, therefore, do not reach off-site receptors through the overburden.

The following monitoring locations are recommended to further define groundwater flow patterns, contaminant migration pathways and improvements in groundwater quality.

- The groundwater divide area between UC-1A and DB-8A. Five piezometers in this area would further define flow patterns at the groundwater divide. Three piezometers will be spaced evenly (approximately 50 feet apart) between wells UC-1A and DB-8A. Two more piezometers will be installed either side of the center piezometer at appropriate distances.

- Approximately 500 feet downgradient of wells DC-1 and DC-2. A monitoring well pair (DC-3) to monitor groundwater quality will be installed at the center of the valley to intercept groundwater flow northward toward Fishkill Creek. The upper well will be screened from the seasonal high groundwater table, downward ten feet. The lower well will screen the next ten-foot interval below the upper well.

The following monitoring wells will be sampled quarterly to develop a data base which shows anticipated improvements in groundwater quality due to site remediation.

- OR-2
- OS-2
- DB-8A
- UC-1A
- DC-1
- DC-2
- DC-3 (proposed monitoring well)
- DC-4 (proposed monitoring well)

Well UB-5 will be sampled annually to provide background groundwater quality. Well pair DB-11/17 should be sampled only annually since they have been clean since remediation. During quarterly sampling events, groundwater levels should be measured in all CERCLA monitoring wells and piezometers to define groundwater flow directions.

Results of the extensive analyses conducted during past investigations indicate that only a few parameters need to be analyzed to accurately characterize the groundwater quality at the site. Groundwater samples collected during future sampling events should be analyzed for the following indicator parameters.

- chloroform
- tetrachloroethene
- 1,1,1-trichloroethane
- 1,2-dichloropropane
- trichloroethene

Finally, falling head or constant head permeability tests will be conducted in wells DB-11 and OR-2. Bedrock permeability values obtained from these tests will be used to determine groundwater flow velocities and hence, the rate of improvement in groundwater quality expected in the bedrock due to site remediation.

In summary, the following tasks are proposed:

- Install five piezometers in the groundwater divide area;
- Install one well pair (wells DC-3 and DC-4) approximately 500 feet downgradient of well DC-1;
- Conduct permeability testing in bedrock wells DB-11 and OR-2; and,
- Continued groundwater quality monitoring.

APPENDIX A

PRE-REMEDIAL MONITORING

July 1985

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-0C) - All Parameters Tested, Selected Samples

DATE: 08/26/85
PAGE: 1

Chain of Custody Data Required for ETC Data Management Summary Report

See Below	TEXACO INC.	TEXBEAGWM	See Below	
ETC Sample No.	*Company*	*Facility*	*Sample Point*	*Date*

rameters	*Units*	*Sample Points, Sampling Dates, and ETC Sample No.'s*							
		W UB5 850715 J1742	W DB6A 850715 J1745	W DB7 850715 J1739	W DB8 850716 J1738	W DB10 850715 J1751	W DB11 850715 J1749	W DB12 850715 J1737	W DB13 850716 J1741
Volatile Compounds									
rolein	ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
rylonitrile	ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
nzene	ug/l	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	8.03
s(Chloromethyl)ether	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0
romoform	ug/l	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7
rbon tetrachloride	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	223
lorobenzene	ug/l	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
lorodibromomethane	ug/l	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
loroethane	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0
Chloroethylvinyl ether	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0
loroform	ug/l	< 1.6	< 1.6	< 1.6	9.47	< 1.6	< 1.6	< 1.6	658
chlorobromomethane	ug/l	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
chlorodifluoromethane	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0
1-Dichloroethane	ug/l	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7
2-Dichloroethane	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
1-Dichloroethylene	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
2-Dichloropropane	ug/l	< 6.0	< 6.0	10.4	< 6.0	157	< 6.0	< 6.0	< 6.0
s-1,3-Dichloropropylene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
ans-1,3-Dichloropropylene	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0
hylbenzene	ug/l	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2
thyl bromide	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0
thyl chloride	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0
thylene chloride	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	10.8	6.20
1,2,2-Tetrachloroethane	ug/l	< 6.9	< 6.9	21.3	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9
trachloroethylene	ug/l	< 4.1	< 4.1	9.8	< 4.1	< 4.1	< 4.1	< 4.1	151
luene	ug/l	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	92.7
2-Trans-dichloroethylene	ug/l	< 1.6	< 1.6	2.7	< 10.0	< 1.6	< 1.6	< 1.6	< 10.0
1,1-Trichloroethane	ug/l	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	7.20
1,2-Trichloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
ichloroethylene	ug/l	< 1.9	< 1.9	35.5	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
ichlorofluoromethane	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0
nyl chloride	ug/l	< 10	< 10	< 10	< 10.0	< 10	< 10	< 10	< 10.0

notes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-0C) – All Parameters Tested, Selected Samples

DATE: 08/26/85
PAGE: 2

Chain of Custody Data Required for ETC Data Management Summary Report

See Below	TEXACO INC.	TEXBEAGWM	See Below	
ETC Sample No.	*Company*	*Facility*	*Sample Point*	*Date*

Sample Points, Sampling Dates, and ETC Sample No.'s

rameters	Units	W UB5 850715 J1742	W DB6A 850715 J1745	W DB7 850715 J1739	W DB8 850716 J1738	W DB10 850715 J1751	W DB11 850715 J1749	W DB12 850715 J1737	W DB13 850716 J1741
Acid Compounds									
Chlorophenol	ug/l	< 3.3	< 3.4	< 3.3	< 3.3	< 3.3	< 3.3	< 3.4	< 3.3
4-Dichlorophenol	ug/l	< 2.7	< 2.8	< 2.7	< 2.7	< 2.7	< 2.7	< 2.8	< 2.7
4-Dimethylphenol	ug/l	< 2.7	< 2.8	< 2.7	< 2.7	< 2.7	< 2.7	< 2.8	< 2.7
6-Dinitro-o-cresol	ug/l	< 24.0	< 24.5	< 24	< 24.2	< 24.2	< 24.2	< 24	< 24.0
4-Dinitrophenol	ug/l	< 42.0	< 42.9	< 42	< 42.4	< 42.4	< 42.4	< 43	< 42.0
Nitrophenol	ug/l	< 3.6	< 3.7	< 3.6	< 3.6	< 3.6	< 3.6	< 3.7	< 3.6
Nitrophenol	ug/l	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4
Chloro-m-cresol	ug/l	< 3.0	< 3.1	< 3.0	< 3.0	< 3.0	< 3.0	< 3.1	< 3.0
ntachlorophenol	ug/l	< 3.6	< 3.7	< 3.6	< 3.6	< 3.6	< 3.6	< 3.7	< 3.6
enol	ug/l	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	1190
4,6-Trichlorophenol	ug/l	< 2.7	< 2.8	< 2.7	< 2.7	< 2.7	< 2.7	< 2.8	< 2.7
Metals									
timony	ug/l	< 300	< 300	< 300	< 300	< 300	< 300	< 300	< 200
senic	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
ryllium	ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2
dmium	ug/l	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 6
romium	ug/l	30	< 20	< 20	< 20	< 20	< 20	< 20	< 30
pper	ug/l	60	< 20	< 20	< 20	< 20	< 20	< 20	< 20
ad	ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 70
rcury	ug/l	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3
ckel	ug/l	30	< 20	< 20	< 20	< 20	< 20	< 20	< 30
lenium	ug/l	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
ver	ug/l	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 10
allium	ug/l	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
nc	ug/l	300	< 30	< 30	< 30	37800	6810	430	< 20
anide, Total	ug/l	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
enolics, Total	ug/l	< 50	< 50	< 50	< 50	< 50	< 50	< 50	19000
ellaneous Parameters									
ium	ug/l	-	-	-	-	-	-	< 10	-
on	ug/l	-	-	-	-	-	-	< 20	-

otes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-OC) - All Parameters Tested, Selected Samples

DATE: 08/26/8
PAGE: 3

Chain of Custody Data Required for ETC Data Management Summary Report

See Below	TEXACO INC.	TEXBEAGWM	See Below	
ETC Sample No.	*Company*	*Facility*	*Sample Point*	*Date*

Parameters	*Units*	*Sample Points, Sampling Dates, and ETC Sample No.'s*							
		W DB5 850715 J1742	W DB6A 850715 J1745	W DB7 850715 J1739	W DB8 850716 J1738	W DB10 850715 J1751	W DB11 850715 J1749	W DB12 850715 J1737	W DB13 850716 J1741
Manganese	ug/l	-	-	-	-	-	-	< 5	-
Sodium	ug/l	-	-	-	-	-	-	< 20	-

notes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-0C) - All Parameters Tested, Selected Samples

Chain of Custody Data Required for ETC Data Management Summary Report

See Below	TEXACO INC.	TEXBEAGWM	See Below	
ETC Sample No.	*Company*	*Facility*	*Sample Point*	*Date*

arameters	*Units*	*Sample Points, Sampling Dates, and ETC Sample No's*							
		W DB14 850716 J1753	W DB15 850716 J1756	W DB18 850715 J1746	W DB21 850716 J1748	W DB31 850716 J1754	W DL8 850715 J1757	W DL22 850716 J1744	W DL23 850716 J1755
Volatile Compounds									
crolein	ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
crylonitrile	ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
enzene	ug/l	< 4.4	< 4.4	5.8	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4
is(Chloromethyl)ether	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0
romoform	ug/l	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7
arbon tetrachloride	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
hlorobenzene	ug/l	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
hlorodibromomethane	ug/l	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
hloroethane	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0
-Chloroethylvinyl ether	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0
hloroform	ug/l	< 1.6	7.0	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
chlorobromomethane	ug/l	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
chlorodifluoromethane	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0
1-Dichloroethane	ug/l	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	31.6	< 4.7	< 4.7
2-Dichloroethane	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
1-Dichloroethylene	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
2-Dichloropropane	ug/l	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
s-1,3-Dichloropropylene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
ans-1,3-Dichloropropylene	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0
hylbenzene	ug/l	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2
thyl bromide	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0
thyl chloride	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0
thylene chloride	ug/l	< 2.8	3.0	< 2.8	< 2.8	< 2.8	< 2.8	3.00	< 2.8
1,2,2-Tetrachloroethane	ug/l	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9
trachloroethylene	ug/l	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
luene	ug/l	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
2-Trans-dichloroethylene	ug/l	< 10.0	< 10.0	< 1.6	< 10.0	< 10.0	< 1.6	< 10.0	< 10.0
1,1-Trichloroethane	ug/l	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	33.2	< 3.8	< 3.8
1,2-Trichloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
ichloroethylene	ug/l	< 1.9	151	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
ichlorofluoromethane	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0
nyl chloride	ug/l	< 10.0	< 10	< 10	< 10.0	< 10.0	< 10	< 10.0	< 10.0

notes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-OC) - All Parameters Tested, Selected Samples

Chain of Custody Data Required for ETC Data Management Summary Report

See Below — *ETC Sample No.* | TEXACO INC. — *Company* | TEXBEAGWM — *Facility* | See Below — *Sample Point* | *Date*

Parameters	Units	Sample Points, Sampling Dates, and ETC Sample No's							
		W DB14 850716 J1753	W DB15 850716 J1756	W DB18 850715 J1746	W DB21 850716 J1748	W DB31 850716 J1754	W DL8 850715 J1757	W DL22 850716 J1744	W DL23 850716 J1755
Acid Compounds									
-Chlorophenol	ug/l	< 3.4	< 3.3	< 3.4	< 3.9	< 3.4	< 3.4	-	< 3.3
.4-Dichlorophenol	ug/l	< 2.8	< 2.7	< 2.8	< 3.2	< 2.8	< 2.8	-	< 2.7
.4-Dimethylphenol	ug/l	< 2.8	< 2.7	< 2.8	< 3.2	< 2.8	< 2.8	-	< 2.7
.6-Dinitro-o-cresol	ug/l	< 24.5	< 24.2	< 24.5	< 28.2	< 24.7	< 24.5	-	< 24.2
.4-Dinitrophenol	ug/l	< 42.9	< 42.4	< 42.9	< 49.4	< 43.3	< 42.9	-	< 42.4
-Nitrophenol	ug/l	< 3.7	< 3.6	< 3.7	< 4.2	< 3.7	< 3.7	-	< 3.6
-Nitrophenol	ug/l	< 2.4	< 2.4	< 2.4	< 2.8	< 2.5	< 2.4	-	< 2.4
-Chloro-m-cresol	ug/l	< 3.1	< 3.0	< 3.1	< 3.5	< 3.1	< 3.1	-	< 3.0
entachlorophenol	ug/l	< 3.7	< 3.6	< 3.7	< 4.2	< 3.7	< 3.7	-	< 3.6
henol	ug/l	< 1.5	< 1.5	< 1.5	< 1.8	< 1.5	< 1.5	-	< 1.5
.4,6-Trichlorophenol	ug/l	< 2.8	< 2.7	< 2.8	< 3.2	< 2.8	< 2.8	-	< 2.7
Metals									
ntimony	ug/l	< 200	< 200	< 300	-	< 200	< 300	-	-
rsenic	ug/l	< 10	< 10	< 10	-	< 10	< 10	-	-
eryllium	ug/l	< 2	< 2	< 1	-	< 2	< 1	-	-
admium	ug/l	< 6	< 6	< 7	-	< 6	< 7	-	-
hromium	ug/l	< 30	< 30	< 20	-	< 30	< 20	-	-
opper	ug/l	< 20	< 20	< 20	-	< 20	< 20	-	-
ead	ug/l	< 70	< 70	< 100	-	< 70	< 100	-	-
ercury	ug/l	< .3	< .3	< .3	-	< .3	< .3	-	-
ickel	ug/l	< 30	< 30	< 20	-	< 30	< 20	-	-
elenium	ug/l	< 5	< 5	< 5	-	< 5	< 5	-	-
ilver	ug/l	< 10	< 10	< 20	-	< 10	< 20	-	-
hallium	ug/l	< 5	< 5	< 5	-	< 5	< 5	-	-
inc	ug/l	< 20	< 20	< 30	-	< 20	< 30	-	-
yanide, Total	ug/l	< 25	< 25	< 25	-	< 25	< 25	-	-
henolics, Total	ug/l	< 50	< 50	< 50	-	< 50	< 50	-	-
scellaneous Parameters									
rium	ug/l	-	-	-	-	-	-	-	-
on	ug/l	-	-	-	-	-	-	-	-

notes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-OC) - All Parameters Tested, Selected Samples

DATE: 08/26/85
PAGE: 6

Chain of Custody Data Required for ETC Data Management Summary Report

See Below	TEXACO INC.	TEXBEAGWM	See Below	
ETC Sample No.	Company	Facility	Sample Point	Date

Parameters	Units	Sample Points, Sampling Dates, and ETC Sample No.'s							
		W DB14 850716 J1753	W DB15 850716 J1756	W DB18 850715 J1746	W DB21 850716 J1748	W DB31 850716 J1754	W DL8 850715 J1757	W DL22 850716 J1744	W DL23 850716 J1755
Manganese	ug/l	-	-	-	-	-	-	-	-
Sodium	ug/l	-	-	-	-	-	-	-	-

notes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-OC) - All Parameters Tested, Selected Samples

DATE: 08/26/85
PAGE: 7

Chain of Custody Data Required for ETC Data Management Summary Report

See Below — *ETC Sample No.* | TEXACO INC. — *Company* | TEXBEAGWM — *Facility* | See Below — *Sample Point* | *Date*

Parameters	Units	Sample Points, Sampling Dates, and ETC Sample No.'s						
		W UC1 850715 J1750	W DC1 850715 J1743	W DC2 850715 J1752	DB7-TB 850715 J1761	DB18-TB 850715 J1762	DB-21 TB 850716 J1763	FIELDBLANK 850715 J1740
Volatile Compounds								
crolein	ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100
crylonitrile	ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100
enzene	ug/l	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4
s(Chloromethyl)ether	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
romoform	ug/l	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7
arbon tetrachloride	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
hlorobenzene	ug/l	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
hlorodibromomethane	ug/l	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
hloroethane	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
-Chloroethylvinyl ether	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
hloroform	ug/l	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
chlorobromomethane	ug/l	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
chlorodifluoromethane	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1-Dichloroethane	ug/l	< 4.7	5.1	< 4.7	< 4.7	< 4.7	< 4.7	< 4.7
2-Dichloroethane	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
1-Dichloroethylene	ug/l	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
2-Dichloropropane	ug/l	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
s-1,3-Dichloropropylene	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
ans-1,3-Dichloropropylene	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
hylbenzene	ug/l	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2	< 7.2
thyl bromide	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
thyl chloride	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
thylene chloride	ug/l	< 2.8	< 2.8	< 2.8	14.4	5.2	4.60	< 2.8
1,2,2-Tetrachloroethane	ug/l	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9
trachloroethylene	ug/l	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1
luene	ug/l	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
2-Trans-dichloroethylene	ug/l	< 1.6	6.5	< 1.6	< 1.6	< 1.6	< 10	< 1.6
1,1-Trichloroethane	ug/l	< 3.8	6.4	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
1,2-Trichloroethane	ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
ichloroethylene	ug/l	< 1.9	27.0	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
ichlorofluoromethane	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10
nyl chloride	ug/l	< 10	< 10	< 10	< 10	< 10	< 10	< 10

notes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-OC) – All Parameters Tested, Selected Samples

DATE: 08/26/8
PAGE: 8

Chain of Custody Data Required for ETC Data Management Summary Report

See Below	TEXACO INC.	TEXBEAGWM	See Below	
ETC Sample No.	*Company*	*Facility*	*Sample Point*	*Date*

Parameters	Units	W UC1 850715 J1750	W DC1 850715 J1743	W DC2 850715 J1752	DB7-TB 850715 J1761	DB18-TB 850715 J1762	DB-21 TB 850716 J1763	FIELDBLANK 850715 J1740
		Sample Points, Sampling Dates, and ETC Sample No.'s						
P Acid Compounds								
2-Chlorophenol	ug/l	< 3.4	< 3.3	< 3.3	-	-	-	< 3.4
2,4-Dichlorophenol	ug/l	< 2.8	< 2.7	< 2.7	-	-	-	< 2.8
2,4-Dimethylphenol	ug/l	< 2.8	< 2.7	< 2.7	-	-	-	< 2.8
4,6-Dinitro-o-cresol	ug/l	< 24.7	< 24.2	< 24.0	-	-	-	< 24.7
2,4-Dinitrophenol	ug/l	< 43.3	< 42.4	< 42.0	-	-	-	< 43.3
2-Nitrophenol	ug/l	< 3.7	< 3.6	< 3.6	-	-	-	< 3.7
4-Nitrophenol	ug/l	< 2.5	< 2.4	< 2.4	-	-	-	< 2.5
p-Chloro-m-cresol	ug/l	< 3.1	< 3.0	< 3.0	-	-	-	< 3.1
Pentachlorophenol	ug/l	< 3.7	< 3.6	< 3.6	-	-	-	< 3.7
Phenol	ug/l	< 1.5	< 1.5	< 1.5	-	-	-	< 1.5
2,4,6-Trichlorophenol	ug/l	< 2.8	< 2.7	< 2.7	-	-	-	< 2.8
P Metals								
Antimony	ug/l	< 300	< 300	< 300	-	-	-	< 300
Arsenic	ug/l	< 10	< 10	< 10	-	-	-	< 10
Beryllium	ug/l	< 1	< 1	< 1	-	-	-	< 1
Cadmium	ug/l	< 7	< 7	< 7	-	-	-	< 7
Chromium	ug/l	< 20	< 20	< 20	-	-	-	< 20
Copper	ug/l	< 20	< 20	< 20	-	-	-	< 20
Lead	ug/l	< 100	< 100	< 100	-	-	-	< 100
Mercury	ug/l	< .3	< .3	< .3	-	-	-	< .3
Nickel	ug/l	< 20	< 20	< 20	-	-	-	< 20
Selenium	ug/l	< 5	< 5	< 5	-	-	-	< 5
Silver	ug/l	< 20	< 20	< 20	-	-	-	< 20
Thallium	ug/l	< 5	< 5	< 5	-	-	-	< 5
Zinc	ug/l	< 30	< 30	< 30	-	-	-	< 30
Cyanide, Total	ug/l	< 25	< 25	< 25	-	-	-	< 25
Phenolics, Total	ug/l	< 50	< 50	< 50	-	-	-	< 50
Miscellaneous Parameters								
Barium	ug/l	-	-	-	-	-	-	-
Iron	ug/l	-	-	-	-	-	-	-

Footnotes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

ETC ENVIRONMENTAL TESTING and CERTIFICATION

DATA MANAGEMENT SUMMARY REPORT
(DM-0C) - All Parameters Tested, Selected Samples

DATE: 08/26/8
PAGE: 9

Chain of Custody Data Required for ETC Data Management Summary Report

See Below	TEXACO INC.	TEXBEAGWM	See Below	
ETC Sample No.	*Company*	*Facility*	*Sample Point*	*Date*

Parameters	*Units*	*Sample Points, Sampling Dates, and ETC Sample No.'s*							
		W UC1 850715 J1750	W DC1 850715 J1743	W DC2 850715 J1752	DB7-TB 850715 J1761	DB18-TB 850715 J1762	DB-21 TB 850716 J1763	FIELDBLANK 850715 J1740	
Manganese	ug/l	-	-	-	-	-	-	-	
Sodium	ug/l	-	-	-	-	-	-	-	

Footnotes: BMDL=Below Method Detection Limit ND=Parameter not detected '-'=Parameter not tested

POST-REMEDIAL MONITORING

Round 1

June 3, 1986

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 A

TEXACO

Sample Location: OR - 4

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532A First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532A Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	60	61	ND	50	120
4) Bromodichloromethane	ND	1	ND	55	59	ND	50	110
5) Bromoform	ND	1	ND	46	39	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	55	60	ND	50	110
8) Chlorobenzene	ND	1	ND	52	58	ND	50	104
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	56	57	ND	50	112
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	52	58	ND	50	104
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	64	ND	50	128
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	58	62	ND	50	116
22) Ethylbenzene	ND	1	ND	59	61	ND	50	118
23) Methylene chloride	ND	1	15	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	40	34	ND	50	80
26) Toluene	3.4	1	ND	56	57	3.4	50	105
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	60	61	ND	50	120
29) 1,1,1-Trichloroethane	ND	1	ND	53	54	ND	50	106
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	44	42	ND	50	88
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	59	59	ND	50	118
35) o,p-Xylene	ND	1	ND	122	128	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 B

TEXACO

Sample Location: OS - 4

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532A First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532A Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	60	61	ND	50	120
4) Bromodichloromethane	ND	1	ND	55	59	ND	50	110
5) Bromoform	ND	1	ND	46	39	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	55	60	ND	50	110
8) Chlorobenzene	ND	1	ND	52	58	ND	50	104
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	56	57	ND	50	112
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	52	58	ND	50	104
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	64	ND	50	128
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	58	62	ND	50	116
22) Ethylbenzene	ND	1	ND	59	61	ND	50	118
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	40	34	ND	50	90
26) Toluene	ND	1	ND	56	57	3.4	50	105
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	60	61	ND	50	120
29) 1,1,1-Trichloroethane	ND	1	ND	53	54	ND	50	106
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	44	42	ND	50	88
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	59	59	ND	50	118
35) o,p-Xylene	ND	1	ND	122	128	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 C

TEXACO — Sample Location: OR - 3

Sample Collected: June 3,1986 — Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532A First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532A Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	60	61	ND	50	120
4) Bromodichloromethane	ND	1	ND	55	59	ND	50	110
5) Bromoform	ND	1	ND	46	39	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	55	60	ND	50	110
8) Chlorobenzene	ND	1	ND	52	58	ND	50	104
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	56	57	ND	50	112
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	52	58	ND	50	104
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	64	ND	50	128
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	58	62	ND	50	116
22) Ethylbenzene	ND	1	ND	59	61	ND	50	118
23) Methylene chloride	ND	1	15	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	40	34	ND	50	80
26) Toluene	1.9	1	ND	56	57	3.4	50	105
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	60	61	ND	50	120
29) 1,1,1-Trichloroethane	ND	1	ND	53	54	ND	50	106
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	1.1	1	ND	44	42	ND	50	88
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	59	59	ND	50	118
35) o,p-Xylene	ND	1	ND	122	128	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 D

TEXACO

Sample Location: OS - 3

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532A First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532A Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	60	61	ND	50	120
4) Bromodichloromethane	ND	1	ND	55	59	ND	50	110
5) Bromoform	ND	1	ND	46	39	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	55	60	ND	50	110
8) Chlorobenzene	ND	1	ND	52	58	ND	50	104
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	56	57	ND	50	112
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	52	58	ND	50	104
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	64	ND	50	128
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	58	62	ND	50	116
22) Ethylbenzene	ND	1	ND	59	61	ND	50	118
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	40	34	ND	50	80
26) Toluene	ND	1	ND	56	57	3.4	50	105
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	60	61	ND	50	120
29) 1,1,1-Trichloroethane	ND	1	ND	53	54	ND	50	106
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	44	42	ND	50	88
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	59	59	ND	50	118
35) o,p-Xylene	ND	1	ND	122	128	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 E

TEXACO

Sample Location: OR - 1

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

	COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532A First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532A Spl ug/l	Conc. Added ug/l	% Rec
1)	Acrolein	ND	100	ND	ND	ND	-	-	-
2)	Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3)	Benzene	ND	1	ND	60	61	ND	50	120
4)	Bromodichloromethane	ND	1	ND	55	59	ND	50	110
5)	Bromoform	ND	1	ND	46	39	ND	50	92
6)	Bromomethane	ND	1	ND	ND	ND	-	-	-
7)	Carbon tetrachloride	ND	1	ND	55	60	ND	50	110
8)	Chlorobenzene	ND	1	ND	52	58	ND	50	104
9)	Chloroethane	ND	1	ND	ND	ND	-	-	-
10)	2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11)	Chloroform	ND	1	ND	56	57	ND	50	112
12)	Chloromethane	ND	1	ND	ND	ND	-	-	-
13)	Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14)	Dibromochloromethane	ND	1	ND	52	58	ND	50	104
15)	1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16)	1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17)	1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18)	1,1-Dichloroethane	ND	1	ND	64	64	ND	50	128
19)	1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20)	1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21)	1,2-Dichloropropane	ND	1	ND	58	62	ND	50	116
22)	Ethylbenzene	ND	1	ND	59	61	ND	50	118
23)	Methylene chloride	ND	1	15	37	37	ND	50	74
24)	1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25)	Tetrachloroethene	ND	1	ND	40	34	ND	50	80
26)	Toluene	ND	1	ND	56	57	3.4	50	105
27)	trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28)	trans-1,2-Dichloroethylene	ND	1	ND	60	61	ND	50	120
29)	1,1,1-Trichloroethane	ND	1	ND	53	54	ND	50	106
30)	1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31)	Trichloroethene	ND	1	ND	44	42	ND	50	88
32)	Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33)	Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34)	m-Xylene	ND	1	ND	59	59	ND	50	118
35)	o,p-Xylene	ND	1	ND	122	128	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 F

TEXACO — Sample Location: OS - 1

Sample Collected: June 3,1986 — Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532A First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532A Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	60	61	ND	50	120
4) Bromodichloromethane	ND	1	ND	55	59	ND	50	110
5) Bromoform	ND	1	ND	46	39	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	55	60	ND	50	110
8) Chlorobenzene	ND	1	ND	52	58	ND	50	104
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	56	57	ND	50	112
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	52	58	ND	50	104
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	64	ND	50	128
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	58	62	ND	50	116
22) Ethylbenzene	ND	1	ND	59	61	ND	50	118
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	40	34	ND	50	80
26) Toluene	ND	1	ND	56	57	3.4	50	105
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	60	61	ND	50	120
29) 1,1,1-Trichloroethane	ND	1	ND	53	54	ND	50	106
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	44	42	ND	50	88
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	59	59	ND	50	118
35) o,p-Xylene	ND	1	ND	122	128	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 G

TEXACO — Sample Location: OR - 2

Sample Collected: June 3,1986 — Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532A First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532A Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	60	61	ND	50	120
4) Bromodichloromethane	ND	1	ND	55	59	ND	50	110
5) Bromoform	ND	1	ND	46	39	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	55	60	ND	50	110
8) Chlorobenzene	ND	1	ND	52	58	ND	50	104
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	56	57	ND	50	112
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	52	58	ND	50	104
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	64	ND	50	128
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	4.1	1	ND	58	62	ND	50	116
22) Ethylbenzene	ND	1	ND	59	61	ND	50	118
23) Methylene chloride	ND	1	15	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	40	34	ND	50	80
26) Toluene	ND	1	ND	56	57	3.4	50	105
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	60	61	ND	50	120
29) 1,1,1-Trichloroethane	ND	1	ND	53	54	ND	50	106
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	1.7	1	ND	44	42	ND	50	88
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	59	59	ND	50	118
35) o,p-Xylene	ND	1	ND	122	128	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 H

TEXACO — Sample Location: OS - 2

Sample Collected: June 3,1986 — Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532A First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532A Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	60	61	ND	50	120
4) Bromodichloromethane	ND	1	ND	55	59	ND	50	110
5) Bromoform	ND	1	ND	46	39	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	55	60	ND	50	110
8) Chlorobenzene	ND	1	ND	52	58	ND	50	104
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	56	57	ND	50	112
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	52	58	ND	50	104
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	64	ND	50	128
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	58	62	ND	50	116
22) Ethylbenzene	ND	1	ND	59	61	ND	50	118
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	40	34	ND	50	80
26) Toluene	ND	1	ND	56	57	3.4	50	105
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	60	61	ND	50	120
29) 1,1,1-Trichloroethane	ND	1	ND	53	54	ND	50	106
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	44	42	ND	50	88
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	59	59	ND	50	118
35) o,p-Xylene	ND	1	ND	122	128	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc. _____

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 I

TEXACO

Sample Location: OS - 2 Duplicate

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	61	62	ND	50	122
4) Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5) Bromoform	ND	1	ND	46	43	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8) Chlorobenzene	ND	1	ND	56	57	ND	50	112
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	57	59	ND	50	114
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22) Ethylbenzene	ND	1	ND	61	61	ND	50	122
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26) Toluene	ND	1	ND	53	54	ND	50	106
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29) 1,1,1-Trichloroethane	ND	1	ND	58	58	ND	50	116
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	46	45	ND	50	92
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	55	60	ND	50	110
35) o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc. _____

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 J

TEXACO — Sample Location: Off Site Field Blank

Sample Collected: June 3,1986 — Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

	COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1)	Acrolein	ND	100	ND	ND	ND	-	-	-
2)	Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3)	Benzene	ND	1	ND	61	62	ND	50	122
4)	Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5)	Bromoform	ND	1	ND	46	43	ND	50	92
6)	Bromomethane	ND	1	ND	ND	ND	-	-	-
7)	Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8)	Chlorobenzene	ND	1	ND	56	57	ND	50	112
9)	Chloroethane	ND	1	ND	ND	ND	-	-	-
10)	2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11)	Chloroform	ND	1	ND	57	59	ND	50	114
12)	Chloromethane	ND	1	ND	ND	ND	-	-	-
13)	Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14)	Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15)	1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16)	1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17)	1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18)	1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19)	1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20)	1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21)	1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22)	Ethylbenzene	ND	1	ND	61	61	ND	50	122
23)	Methylene chloride	9.4	1	7.5	37	37	ND	50	74
24)	1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25)	Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26)	Toluene	ND	1	ND	53	54	ND	50	106
27)	trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28)	trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29)	1,1,1-Trichloroethane	ND	1	ND	58	58	ND	50	116
30)	1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31)	Trichloroethene	ND	1	ND	46	45	ND	50	92
32)	Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33)	Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34)	m-Xylene	ND	1	ND	55	60	ND	50	110
35)	o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 K

TEXACO

Sample Location: Site 2 Pour Blank

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	61	62	ND	50	122
4) Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5) Bromoform	ND	1	ND	46	43	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8) Chlorobenzene	ND	1	ND	56	57	ND	50	112
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	57	59	ND	50	114
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22) Ethylbenzene	ND	1	ND	61	61	ND	50	122
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26) Toluene	ND	1	ND	53	54	ND	50	106
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29) 1,1,1-Trichloroethane	ND	1	ND	58	58	ND	50	116
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	46	45	ND	50	92
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	55	60	ND	50	110
35) o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 L

TEXACO — Sample Location: DB6A

Sample Collected: June 3,1986 — Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	61	62	ND	50	122
4) Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5) Bromoform	ND	1	ND	46	43	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8) Chlorobenzene	ND	1	ND	56	57	ND	50	112
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	57	59	ND	50	114
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22) Ethylbenzene	ND	1	ND	61	61	ND	50	122
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26) Toluene	ND	1	ND	53	54	ND	50	106
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29) 1,1,1-Trichloroethane	ND	1	ND	58	58	ND	50	116
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	46	45	ND	50	92
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	55	60	ND	50	110
35) o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 M

TEXACO

Sample Location: DB8A

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

	COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1)	Acrolein	ND	100	ND	ND	ND	-	-	-
2)	Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3)	Benzene	ND	1	ND	61	62	ND	50	122
4)	Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5)	Bromoform	ND	1	ND	46	43	ND	50	92
6)	Bromomethane	ND	1	ND	ND	ND	-	-	-
7)	Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8)	Chlorobenzene	ND	1	ND	56	57	ND	50	112
9)	Chloroethane	ND	1	ND	ND	ND	-	-	-
10)	2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11)	Chloroform	720	1	ND	57	59	ND	50	114
12)	Chloromethane	ND	1	ND	ND	ND	-	-	-
13)	Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14)	Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15)	1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16)	1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17)	1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18)	1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19)	1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20)	1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21)	1,2-Dichloropropane	1.6	1	ND	60	60	ND	50	120
22)	Ethylbenzene	ND	1	ND	61	61	ND	50	122
23)	Methylene chloride	ND	1	7.5	37	37	ND	50	74
24)	1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25)	Tetrachloroethene	ND	1	ND	39	39	ND	50	78
26)	Toluene	ND	1	ND	53	54	ND	50	106
27)	trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28)	trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29)	1,1,1-Trichloroethane	41	1	ND	58	58	ND	50	116
30)	1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31)	Trichloroethene	14	1	ND	46	45	ND	50	92
32)	Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33)	Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34)	m-Xylene	ND	1	ND	55	60	ND	50	110
35)	o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 N

TEXACO

Sample Location: DB7A Pour Blank

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

	COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1)	Acrolein	ND	100	ND	ND	ND	-	-	-
2)	Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3)	Benzene	ND	1	ND	61	62	ND	50	122
4)	Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5)	Bromoform	ND	1	ND	46	43	ND	50	92
6)	Bromomethane	ND	1	ND	ND	ND	-	-	-
7)	Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8)	Chlorobenzene	ND	1	ND	56	57	ND	50	112
9)	Chloroethane	ND	1	ND	ND	ND	-	-	-
10)	2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11)	Chloroform	ND	1	ND	57	59	ND	50	114
12)	Chloromethane	ND	1	ND	ND	ND	-	-	-
13)	Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14)	Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15)	1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16)	1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17)	1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18)	1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19)	1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20)	1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21)	1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22)	Ethylbenzene	ND	1	ND	61	61	ND	50	122
23)	Methylene chloride	1.7	1	7.5	37	37	ND	50	74
24)	1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25)	Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26)	Toluene	ND	1	ND	53	54	ND	50	106
27)	trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28)	trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29)	1,1,1-Trichloroethane	ND	1	ND	58	58	ND	50	116
30)	1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31)	Trichloroethene	ND	1	ND	46	45	ND	50	92
32)	Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33)	Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34)	m-Xylene	ND	1	ND	55	60	ND	50	110
35)	o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 0

TEXACO

Sample Location: DB7A

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	61	62	ND	50	122
4) Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5) Bromoform	ND	1	ND	46	43	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8) Chlorobenzene	ND	1	ND	56	57	ND	50	112
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	57	59	ND	50	114
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22) Ethylbenzene	ND	1	ND	61	61	ND	50	122
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26) Toluene	ND	1	ND	53	54	ND	50	106
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29) 1,1,1-Trichloroethane	1.3	1	ND	58	58	ND	50	116
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	46	45	ND	50	92
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	55	60	ND	50	110
35) o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 P

TEXACO

Sample Location: DB7A Duplicate

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	61	62	ND	50	122
4) Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5) Bromoform	ND	1	ND	46	43	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8) Chlorobenzene	ND	1	ND	56	57	ND	50	112
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	57	59	ND	50	114
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22) Ethylbenzene	ND	1	ND	61	61	ND	50	122
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26) Toluene	ND	1	ND	53	54	ND	50	106
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29) 1,1,1-Trichloroethane	1.0	1	ND	58	58	ND	50	116
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	46	45	ND	50	92
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	55	60	ND	50	110
35) o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 Q

TEXACO

Sample Location: DB10A

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	61	62	ND	50	122
4) Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5) Bromoform	ND	1	ND	46	43	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8) Chlorobenzene	ND	1	ND	56	57	ND	50	112
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	57	59	ND	50	114
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22) Ethylbenzene	ND	1	ND	61	61	ND	50	122
23) Methylene chloride	ND	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26) Toluene	ND	1	ND	53	54	ND	50	106
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29) 1,1,1-Trichloroethane	ND	1	ND	58	58	ND	50	116
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	46	45	ND	50	92
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	55	60	ND	50	110
35) o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 R

TEXACO

Sample Location: DB13A DRY!!

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532 S

TEXACO

Sample Location: On Site Field Blank

Sample Collected: June 3,1986

Sample Received: June 3,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 44532L First ug/l	Second ug/l	QC MATRIX SPK Lab # 44532L Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	61	62	ND	50	122
4) Bromodichloromethane	ND	1	ND	57	59	ND	50	114
5) Bromoform	ND	1	ND	46	43	ND	50	92
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	61	ND	50	116
8) Chlorobenzene	ND	1	ND	56	57	ND	50	112
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	ND	50	112
11) Chloroform	ND	1	ND	57	59	ND	50	114
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) Dibromochloromethane	ND	1	ND	55	58	ND	50	110
15) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	63	66	ND	50	126
19) 1,2-Dichloroethane	ND	1	ND	53	54	ND	50	106
20) 1,1-Dichloroethene	ND	1	ND	66	67	ND	50	122
21) 1,2-Dichloropropane	ND	1	ND	60	60	ND	50	120
22) Ethylbenzene	ND	1	ND	61	61	ND	50	122
23) Methylene chloride	3.3	1	7.5	37	37	ND	50	74
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	39	38	ND	50	78
26) Toluene	ND	1	ND	53	54	ND	50	106
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	61	61	ND	50	122
29) 1,1,1-Trichloroethane	ND	1	ND	58	58	ND	50	116
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	46	45	ND	50	92
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	55	60	ND	50	110
35) o,p-Xylene	ND	1	ND	122	123	ND	100	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 44532

TEXACO

Sample Collected: June 3,1986 Sample Received: June 3,1986

EPA Method 625 Acid Extractables GC/MS

	SAMPLE LOCATION	PHENOL Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE First ug/l	Second ug/l	QC MATRIX SPK Spl ug/l	Conc. Added ug/l	% Rec.
A)	OR - 4	ND	20	ND					
B)	OS - 4	ND	20	ND					
C)	OR - 3	ND	20	ND					
D)	OS - 3	ND	20	ND					
E)	OR - 1	ND	20	ND					
F)	OS - 1	ND	20	ND					
G)	OR - 2	ND	20	ND	23.4	16.2	ND	50	47
H)	OS - 2	ND	20	ND					
I)	OS - 2 Duplicate	ND	20	ND					
K)	Site 2 Pour Blank	ND	20	ND					
L)	DB6A	ND	20	ND					
M)	DB8A	ND	20	ND					
N)	DB7A Pour Blank	ND	20	ND					
O)	DB7A	ND	20	ND					
P)	DB7A Duplicate	ND	20	ND					
Q)	DB10A	ND	20	ND					
R)	DB13A DRY!!	ND	20	ND	32.5	25.5	ND	50	65

FOR ENVIROTEST LABORATORIES _____

DATE 7/9/86

POST-REMEDIAL MONITORING

Round 2

August 1, 1986

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 A

TEXACO

Sample Location: OR - 1

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	10
2) Chloroform	ND	1	ND	48	47	ND	50	9
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	11
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	10
5) Trichloroethene	ND	1	ND	50	52	ND	50	10

FOR ENVIROTEST LABORATORIES, Inc.

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 B

TEXACO

Sample Location: OS - 1

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/29/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 C

TEXACO

Sample Location: OR - 2

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	QC REPLICATE Lab # 46054E Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	QC MATRIX SPK Lab # 46054E Conc. Added ug/l	QC MATRIX SPK Lab # 46054E % Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	1.0	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	8.7	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	1.7	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 D

TEXACO

Sample Location: OS - 2

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 E

TEXACO

Sample Location: OR - 4

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 F

TEXACO

Sample Location: OS - 4

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 G

TEXACO

Sample Location: OR - 3

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 H

TEXACO

Sample Location: OS - 3

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	12
2) Chloroform	ND	1	ND	50	52	ND	50	10
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	9
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	9
5) Trichloroethene	ND	1	ND	49	48	ND	50	9

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 I

TEXACO

Sample Location: Pour Blank at Well #3

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 J

TEXACO

Sample Location: Field Blank Off Site

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 K

TEXACO

Sample Location: DB - 6A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 L

TEXACO

Sample Location: DB - 7A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 M

TEXACO

Sample Location: DB - 10A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 N

TEXACO

Sample Location: DB - 8A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	850	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	4.2	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	59	1	ND	48	47	ND	50	96
5) Trichloroethene	23	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 D

TEXACO

Sample Location: Pour Blank at DB-8A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	QC REPLICATE Lab # 46054M Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	QC MATRIX SPK Lab # 46054M Conc. Added ug/l	QC MATRIX SPK Lab # 46054M % Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc.

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 P

TEXACO

Sample Location: Field Blank On Site

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	QC REPLICATE Lab # 46054M Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	QC MATRIX SPK Lab # 46054M Conc. Added ug/l	QC MATRIX SPK Lab # 46054M % Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054

TEXACO

Sample Collected: August 1,1986 Sample Received: August 1,1986

EPA Method 625 Acid Extractables GC/MS

	SAMPLE LOCATION	PHENOL Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE First ug/l	QC REPLICATE Second ug/l	QC MATRIX SPK Spl ug/l	QC MATRIX SPK Conc. Added ug/l	QC MATRIX SPK % Rec.
A)	OR - 1	ND	20	ND					
B)	OS - 1	ND	20	ND					
C)	OR - 2	ND	20	ND					
D)	OS - 2	ND	20	ND					
E)	OR - 4	ND	20	ND	20.3	20.2	ND	50	41
F)	OS - 4	ND	20	ND					
G)	OR - 3	ND	20	ND					
H)	OS - 3	ND	20	ND					
I)	Well 3 Pour Blank	ND	20	ND					
K)	DB6A	ND	20	ND					
L)	DB7A	ND	20	ND					
M)	DB10A	ND	20	ND					
N)	DB8A	ND	20	ND	16.3	13.3	ND	50	33
O)	DB8A Pour Blank	ND	20	ND					
R)	DB13A DRY!!								

FOR ENVIROTEST LABORATORIES _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054

TEXACO

RESULTS OF EXTERNAL QUALITY CONTROL SAMPLE

SOURCE: EPA DATE OF ANALYSIS: August 14,1986

Volatile Organics Purge & Trap:

Compound	Observed Results ug/l	True Results ug/l	Mean Value ug/l	95% Confidence Limits
1,2-Dichloroethane	11.7	12.6	12.0	6.6-17.5
Chloroform	54.5	58.4	53.9	33.4-74.4
1,1,1-Trichloroethane	6.2	7.7	6.8	3.3-10.2
Trichloroethylene	6.8	8.6	8.0	3.7-12.2
Carbon Tetrachloride	14.6	14.0	12.7	6.8-18.5
Tetrachloroethylene	8.2	9.5	9.0	1.3-16.6
Bromodichloromethane	10.5	10.3	10.5	4.3-16.7
Dibromochloromethane	35.3	41.5	41.7	18.3-65.1
Bromoform	11.2	14.8	12.2	2.2-22.1
Benzene	9.6	12.3		9.6-12.7
Toluene	41.2 *	37.1		19.1-40.7
Ethylbenzene	37.1 *	32.9		24.9-36.3
m-Xylene	22.4	19.2		14.5-25.4
o,p-Xylene	47.4	37.8		26.8-52.6

* = outside limits

POST-REMEDIAL MONITORING

Round 2

August 1, 1986

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 A

TEXACO

Sample Location: OR - 1

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Re
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	10
2) Chloroform	ND	1	ND	48	47	ND	50	9
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	11
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	10
5) Trichloroethene	ND	1	ND	50	52	ND	50	10

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 B

TEXACO

Sample Location: OS - 1

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 C

TEXACO

Sample Location: OR - 2

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	1.0	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	8.7	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	1.7	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 D

TEXACO

Sample Location: OS - 2

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 E

TEXACO

Sample Location: OR - 4

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 F

TEXACO

Sample Location: OS - 4

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 G

TEXACO

Sample Location: OR - 3

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054E First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054E Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	51	52	ND	50	102
2) Chloroform	ND	1	ND	48	47	ND	50	96
3) 1,2-Dichloropropane	ND	1	ND	59	59	ND	50	118
4) 1,1,1-Trichloroethane	ND	1	ND	51	53	ND	50	102
5) Trichloroethene	ND	1	ND	50	52	ND	50	100

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/22/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 H

TEXACO

Sample Location: OS - 3

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 I

TEXACO

Sample Location: Pour Blank at Well #3

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 J

TEXACO

Sample Location: Field Blank Off Site

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 K

TEXACO

Sample Location: DB - 6A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 L

TEXACO

Sample Location: DB - 7A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 M

TEXACO

Sample Location: DB - 10A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 N

TEXACO

Sample Location: DB - 8A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	850	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	4.2	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	59	1	ND	48	47	ND	50	96
5) Trichloroethene	23	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 0

TEXACO

Sample Location: Pour Blank at DB-8A

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc.

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054 P

TEXACO

Sample Location: Field Blank On Site

Sample Collected: August 1,1986

Sample Received: August 1,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46054M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46054M Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	60	61	ND	50	120
2) Chloroform	ND	1	ND	50	52	ND	50	100
3) 1,2-Dichloropropane	ND	1	ND	47	47	ND	50	94
4) 1,1,1-Trichloroethane	ND	1	ND	48	47	ND	50	96
5) Trichloroethene	ND	1	ND	49	48	ND	50	98

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054

TEXACO

Sample Collected: August 1,1986 Sample Received: August 1,1986

EPA Method 625 Acid Extractables GC/MS

	SAMPLE LOCATION	PHENOL Sample Concen. ug/l	PHENOL MDL ug/l	BLANK Conc. ug/l	QC REPLICATE First ug/l	QC REPLICATE Second ug/l	QC MATRIX SPK Spl ug/l	QC MATRIX SPK Conc. Added ug/l	QC MATRIX SPK % Rec.
A)	OR - 1	ND	20	ND					
B)	OS - 1	ND	20	ND					
C)	OR - 2	ND	20	ND					
D)	OS - 2	ND	20	ND					
E)	OR - 4	ND	20	ND	20.3	20.2	ND	50	41
F)	OS - 4	ND	20	ND					
G)	OR - 3	ND	20	ND					
H)	OS - 3	ND	20	ND					
I)	Well 3 Pour Blank	ND	20	ND					
K)	DB6A	ND	20	ND					
L)	DB7A	ND	20	ND					
M)	DB10A	ND	20	ND					
N)	DB8A	ND	20	ND	16.3	13.3	ND	50	33
O)	DB8A Pour Blank	ND	20	ND					
R)	DB13A DRY!!								

FOR ENVIROTEST LABORATORIES _____

DATE 8/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46054

TEXACO

RESULTS OF EXTERNAL QUALITY CONTROL SAMPLE

SOURCE: EPA DATE OF ANALYSIS: August 14,1986

Volatile Organics Purge & Trap:

Compound	Observed Results ug/l	True Results ug/l	Mean Value ug/l	95% Confidence Limits
1,2-Dichloroethane	11.7	12.6	12.0	6.6-17.5
Chloroform	54.5	58.4	53.9	33.4-74.4
1,1,1-Trichloroethane	6.2	7.7	6.8	3.3-10.2
Trichloroethylene	6.8	8.6	8.0	3.7-12.2
Carbon Tetrachloride	14.6	14.0	12.7	6.8-18.5
Tetrachloroethylene	8.2	9.5	9.0	1.3-16.6
Bromodichloromethane	10.5	10.3	10.5	4.3-16.7
Dibromochloromethane	35.3	41.5	41.7	18.3-65.1
Bromoform	11.2	14.8	12.2	2.2-22.1
Benzene	9.6	12.3		9.6-12.7
Toluene	41.2 *	37.1		19.1-40.7
Ethylbenzene	37.1 *	32.9		24.9-36.3
m-Xylene	22.4	19.2		14.5-25.4
o,p-Xylene	47.4	37.8		26.8-52.6

* = outside limits

POST-REMEDIAL MONITORING

Round 3

August 25, 1986

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 A

TEXACO

Sample Location: OS-1

Sample Collected: August 25,1986

Sample Received: August 25,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	ND	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/5/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 B

TEXACO

Sample Location: OS-2

Sample Collected: August 25,1986

Sample Received: August 25,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	ND	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc.

DATE 9/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 C

TEXACO

Sample Location: OS-4

Sample Collected: August 25,1986

Sample Received: August 25,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	QC REPLICATE Lab # 46756G Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	QC MATRIX SPK Lab # 46756G Conc. Added ug/l	QC MATRIX SPK Lab # 46756G % Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	ND	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/05/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 D

TEXACO

Sample Location: OS-3

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	ND	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/15/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 E

TEXACO

Sample Location: Pour Blank at OS-4

Sample Collected: August 25,1986

Sample Received: August 25,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	ND	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 F

TEXACO

Sample Location: OR-1

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	ND	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc.

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 G

TEXACO

Sample Location: OR-2

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	7.9	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/3/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 H

TEXACO

Sample Location: OR-4

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	ND	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/29/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 I

TEXACO

Sample Location: OR-3

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756G First ug/l	Second ug/l	QC MATRIX SPK Lab # 46756G Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	48	51	ND	50	96
2) Chloroform	ND	1	ND	55	58	ND	50	110
3) 1,2-Dichloropropane	ND	1	ND	77	81	7.9	50	138
4) 1,1,1-Trichloroethane	ND	1	ND	48	52	ND	50	96
5) Trichloroethene	ND	1	ND	61	63	ND	50	122

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 J

TEXACO

Sample Location: DB-8A

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	1010	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	2.6	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	7.9	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	42	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	26	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

New York State Department of Health Approved

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 K

TEXACO

Sample Location: UB-5

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

New York State Department of Health Approved

DATE

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 L

TEXACO

Sample Location: DB-6A

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc. _____

New York State Department of Health Approved DATE _____

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 M

TEXACO

Sample Location: UC-1

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	6.8	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE _____

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 N

TEXACO

Sample Location: DC-1

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	2.4	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	34	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

New York State Department of Health Approved DATE

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 D

TEXACO

Sample Location: Stream "A" - DRY!!

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	NA	100	ND	ND	ND	-	-	-
2) Acrylonitrile	NA	100	ND	ND	ND	-	-	-
3) Benzene	NA	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	NA	1	ND	51	52	ND	50	102
5) Bromoform	NA	1	ND	40	39	ND	50	80
6) Bromomethane	NA	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	NA	1	ND	48	46	ND	50	96
8) Chlorobenzene	NA	1	ND	49	49	ND	50	98
9) Chloroethane	NA	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	NA	1	ND	ND	ND	-	-	-
11) Chloroform	NA	1	ND	51	54	ND	50	102
12) Chloromethane	NA	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	NA	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	NA	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	NA	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	NA	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	NA	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	NA	1	ND	62	65	ND	50	124
22) Ethylbenzene	NA	1	ND	ND	ND	-	-	-
23) Methylene chloride	NA	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	NA	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	NA	1	ND	54	51	6.8	50	94
26) Toluene	NA	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	NA	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	NA	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	NA	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	NA	1	ND	ND	ND	-	-	-
31) Trichloroethene	NA	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	NA	1	ND	ND	ND	-	-	-
33) Vinyl chloride	NA	1	ND	ND	ND	-	-	-
34) m-Xylene	NA	1	ND	ND	ND	-	-	-
35) o,p-Xylene	NA	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

New York State Department of Health Approved

DATE 9/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 P

TEXACO

Sample Location: DB-17 - DRY!!

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	NA	100	ND	ND	ND	-	-	-
2) Acrylonitrile	NA	100	ND	ND	ND	-	-	-
3) Benzene	NA	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	NA	1	ND	51	52	ND	50	102
5) Bromoform	NA	1	ND	40	39	ND	50	80
6) Bromomethane	NA	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	NA	1	ND	48	46	ND	50	96
8) Chlorobenzene	NA	1	ND	49	49	ND	50	98
9) Chloroethane	NA	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	NA	1	ND	ND	ND	-	-	-
11) Chloroform	NA	1	ND	51	54	ND	50	102
12) Chloromethane	NA	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	NA	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	NA	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	NA	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	NA	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	NA	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	NA	1	ND	62	65	ND	50	124
22) Ethylbenzene	NA	1	ND	ND	ND	-	-	-
23) Methylene chloride	NA	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	NA	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	NA	1	ND	54	51	6.8	50	94
26) Toluene	NA	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	NA	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	NA	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	NA	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	NA	1	ND	ND	ND	-	-	-
31) Trichloroethene	NA	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	NA	1	ND	ND	ND	-	-	-
33) Vinyl chloride	NA	1	ND	ND	ND	-	-	-
34) m-Xylene	NA	1	ND	ND	ND	-	-	-
35) o,p-Xylene	NA	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

New York State Department of Health Approved DATE

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 Q

TEXACO

Sample Location: Pour Blank at DB-8A

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 R

TEXACO

Sample Location: DB-11

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc. _____

DATE 9/5/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 S

TEXACO

Sample Location: DB-31

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc. _____

New York State Department of Health Approved

DATE 9/23/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 T

TEXACO

Sample Location: DB-7A

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

DATE

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 U

TEXACO

Sample Location: DB-10A

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

New York State Department of Health Approved

DATE 9/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 U

TEXACO

Sample Location: DB-13A - DRY!!

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	NA	100	ND	ND	ND	-	-	-
2) Acrylonitrile	NA	100	ND	ND	ND	-	-	-
3) Benzene	NA	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	NA	1	ND	51	52	ND	50	102
5) Bromoform	NA	1	ND	40	39	ND	50	80
6) Bromomethane	NA	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	NA	1	ND	48	46	ND	50	96
8) Chlorobenzene	NA	1	ND	49	49	ND	50	98
9) Chloroethane	NA	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	NA	1	ND	ND	ND	-	-	-
11) Chloroform	NA	1	ND	51	54	ND	50	102
12) Chloromethane	NA	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	NA	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	NA	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	NA	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	NA	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	NA	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	NA	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	NA	1	ND	62	65	ND	50	124
22) Ethylbenzene	NA	1	ND	ND	ND	-	-	-
23) Methylene chloride	NA	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	NA	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	NA	1	ND	54	51	6.8	50	94
26) Toluene	NA	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	NA	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	NA	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	NA	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	NA	1	ND	ND	ND	-	-	-
31) Trichloroethene	NA	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	NA	1	ND	ND	ND	-	-	-
33) Vinyl chloride	NA	1	ND	ND	ND	-	-	-
34) m-Xylene	NA	1	ND	ND	ND	-	-	-
35) o,p-Xylene	NA	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc. _____

New York State Department of Health Approved DATE 9/28/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 W

TEXACO

Sample Location: Field Blank - On Site

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

New York State Department of Health Approved

DATE 9/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756 X

TEXACO

Sample Location: Field Blank - Off Site

Sample Collected: August 26,1986

Sample Received: August 26,1986

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab # 46756M First ug/l	Second ug/l	QC MATRIX SPK Lab # 46894M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	ND	ND	-	-	-
4) Bromodichloromethane	ND	1	ND	51	52	ND	50	102
5) Bromoform	ND	1	ND	40	39	ND	50	80
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	48	46	ND	50	96
8) Chlorobenzene	ND	1	ND	49	49	ND	50	98
9) Chloroethane	ND	1	ND	ND	ND	-	-	-
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	51	54	ND	50	102
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	ND	ND	-	-	-
14) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
17) Dibromochloromethane	ND	1	ND	54	55	ND	50	108
18) 1,1-Dichloroethane	ND	1	ND	57	63	ND	50	114
19) 1,2-Dichloroethane	ND	1	ND	56	56	ND	50	112
20) 1,1-Dichloroethene	ND	1	ND	49	47	ND	50	98
21) 1,2-Dichloropropane	ND	1	ND	62	65	ND	50	124
22) Ethylbenzene	ND	1	ND	ND	ND	-	-	-
23) Methylene chloride	ND	1	ND	43	43	ND	50	86
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	ND	ND	-	-	-
25) Tetrachloroethene	ND	1	ND	54	51	6.8	50	94
26) Toluene	ND	1	ND	ND	ND	-	-	-
27) trans-1,3-Dichloropeopene	ND	1	ND	ND	ND	-	-	-
28) trans-1,2-Dichloroethylene	ND	1	ND	54	57	ND	50	108
29) 1,1,1-Trichloroethane	ND	1	ND	51	52	ND	50	102
30) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
31) Trichloroethene	ND	1	ND	61	64	30	50	122
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
34) m-Xylene	ND	1	ND	ND	ND	-	-	-
35) o,p-Xylene	ND	1	ND	ND	ND	-	-	-

FOR ENVIROTEST LABORATORIES, Inc.

New York State Department of Health Approved

DATE

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756

TEXACO

Sample Collected: August 25-26,1986 Sample Received: August 26,1986

EPA Method 625 Acid Extractables GC/MS

	SAMPLE LOCATION	PHENOL Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE First ug/l	QC REPLICATE Second ug/l	QC MATRIX SPK Spl ug/l	QC MATRIX SPK Conc. Added ug/l	QC MATRIX SPK % Rec.
A)	OS - 1	ND	20	ND					
B)	OS - 2	ND	20	ND	ND	ND			
C)	OS - 4	ND	20	ND					
D)	OS - 3	ND	20	ND					
E)	Pour Blank @ OS-4	ND	20	ND					
F)	OR - 1	ND	20	ND					
G)	OR - 2	ND	20	ND	30.0	29.8	ND	50	60
H)	OR - 4	ND	20	ND					
I)	OR - 3	ND	20	ND					
J)	DB - 8A	ND	20	ND					
K)	UB - 5	ND	20	ND					
L)	DB - 6A	ND	20	ND					
M)	UC - 1	ND	20	ND	18.7	16.1	ND	50	37
N)	DC - 1	ND	20	ND					
O)	STREAM "A" DRY!!								
P)	DB - 17 DRY!!								
Q)	Pour Blank @ DB-8A	ND	20	ND					
R)	DB - 11	ND	20	ND					
S)	DB - 31	ND	20	ND					
T)	DB - 7A	ND	20	ND					
U)	DB - 10A	ND	20	ND					
V)	DB - 13A DRY!!								

FOR ENVIROTEST LABORATORIES _____

DATE 9/25/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756

TEXACO

RESULTS OF EXTERNAL QUALITY CONTROL SAMPLE

SOURCE: EPA DATE OF ANALYSIS: September 1,1986

Volatile Organics Purge & Trap GC/MS:

Compound	Observed Results ug/l	True Results ug/l	Mean Value ug/l	95% Confidence Limits
1,2-Dichloroethane	11.7	12.6	12.0	6.6-17.5
Chloroform	48.0	58.4	53.9	33.4-74.4
1,1,1-Trichloroethane	6.2	7.7	6.8	3.3-10.2
Trichloroethylene	7.7	8.6	8.0	3.7-12.2
Carbon Tetrachloride	12.9	14.0	12.7	6.8-18.5
Tetrachloroethylene	8.4	9.5	9.0	1.3-16.6
Bromodichloromethane	9.5	10.3	10.5	4.3-16.7
Dibromochloromethane	37.8	41.5	41.7	18.3-65.1
Bromoform	12.6	14.8	12.2	2.2-22.1

* = outside limits

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 46756

TEXACO

RESULTS OF EXTERNAL QUALITY CONTROL SAMPLE

SOURCE: EPA DATE OF ANALYSIS: September 10,1986

Acid extractables:

Compound	Observed Results ug/l	True Results ug/l
2-Chlorophenol	91	100
2-Nitrophenol	81	100
Phenol	40	100
2,4-Dimethylphenol	65	100
2,4-Dichlorophenol	79	100
2,4,6-Trichlorophenol	106	100
4-Chloro-3-methylphenol	80	100
4-Nitrophenol	37	100
2-Methyl-4,6-dinitrophenol	60	100
Pentachlorophenol	100	100

TABLE 1

Texaco, Inc.
Beacon, New York

Off-Site and Post-Remedial Groundwater
Sampling and Analysis Program

STATIC WATER LEVEL MEASUREMENTS

Sample Date	Location	Static Water Level (Ft.) Before Exercising	After Exercising
6/3/86	OS 4	4' 6"	
6/3/86	OR 4	35'	
6/3/86	OR 3	18" 6"	
6/3/86	OS 3	5' 4"	
6/3/86	OR 1	15' 7"	
6/3/86	OS 1	14'10"	
6/3/86	OR 2	7'	
6/3/86	OS 2	5'11"	
6/3/86	DB-8A	8' 2"	
6/3/86	DB-6A	13' 5"	
6/3/86	DB-13A	13'	
6/3/86	DB-7A	8' 3"	
6/3/86	DB-10A	7' 5"	
8/1/86	OR 1	17' 8"	17'11"
8/1/86	OS 1	17' 3"	17' 1"
8/1/86	OR 2	8' 9"	6' 4"
8/1/86	OS 2	5'10"	6'
8/1/86	OR 4	39' 8"	39'
8/1/86	OS 4	0'	1'
8/1/86	OR 3	25' 5.5"	28'
8/1/86	OS 3	9'	6' 6"
8/1/86	DB-6A	12' 3"	13'10"
8/1/86	DB-7A	8' 7.5"	8'
8/1/86	DB-10A	10'	25'10"
8/1/86	DB-8A	8'11"	9'
8/25/86	OS 1	17'	22' 6"
8/25/86	OS 2	5'10"	12' 4"
8/25/86	OS 4	4'	8'10"
8/25/86	OS 3	7'	7'
8/26/86	OR 1	17' 6"	22' 6"
8/26/86	OR 2	10' 8"	27'10"
8/26/86	OR 4	40'	----
8/26/86	OR 3	22' 8"	28'11"
8/26/86	DB-8A	9 6"	10'

Sample Date	Location	Static Water Level (Ft.) Before Exercising	After Exercising
8/26/86	UB-5	18'	20' 6"
8/26/86	DB-6A	14'	14' 6"
8/26/86	UC-1	9' 6"	9' 6"
8/26/86	DC-1	5' 6"	5' 6"
8/26/86	Stream A	DRY	DRY
8/26/86	DB-17	DRY	DRY
8/26/86	DB-11	10'	10'
8/26/86	DB-31	12' 6"	13'
8/26/86	DB-7A	9' 6"	9' 6"
8/26/86	DB-10A	10' 6"	12'
8/26/86	DB-13A	DRY	DRY

POST-REMEDIAL MONITORING

Round 4

October 27, 1986

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606A

Client: Texaco Research Center

Spl Location: OS-1

Spl Coll'd: 10/27/86

Sample Rec'd: 10/27/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606C 1st ug/l	QC REPLICATE Lab #48606C 2nd ug/l	QC MATRIX SPK Lab #48606C Spl ug/l	QC MATRIX SPK Lab #48606C Conc. Added ug/l	QC MATRIX SPK Lab #48606C % Rec
1) Carbon Tetrachloride	ND	1	ND	49	50	ND	50	100
2) Chloroform	ND	1	ND	38	39	ND	50	78
3) 1,2-Dichloropropane	ND	1	ND	62	63	ND	50	124
4) 1,1,1-Trichloroethane	ND	1	ND	52	48	ND	50	96
5) Trichloroethylene	ND	1	ND	65	60	ND	50	120

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606B

Client: Texaco Research Center

Spl Location: OS-2 DRY

Spl Coll'd: 10/27/86

Sample Rec'd: 10/27/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606C 1st ug/l	QC REPLICATE Lab #48606C 2nd ug/l	QC MATRIX SPK Lab #48606C Spl ug/l	QC MATRIX SPK Lab #48606C Conc. Added ug/l	QC MATRIX SPK Lab #48606C % Rec
1) Carbon Tetrachloride	-	-	-	-	-	-	-	-
2) Chloroform	-	-	-	-	-	-	-	-
3) 1,2-Dichloropropane	-	-	-	-	-	-	-	-
4) 1,1,1-Trichloroethane	-	-	-	-	-	-	-	-
5) Trichloroethylene	-	-	-	-	-	-	-	-

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606C

Client: Texaco Research Center

Spl Location: OS-7 3 SIB 4/6/87

Spl Coll'd: 10/27/86

Sample Rec'd: 10/27/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606C 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606C Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon Tetrachloride	ND	1	ND	49	50	ND	50	100
2) Chloroform	ND	1	ND	38	39	ND	50	78
3) 1,2-Dichloropropane	ND	1	ND	62	63	ND	50	124
4) 1,1,1-Trichloroethane	ND	1	ND	52	48	ND	50	96
5) Trichloroethylene	ND	1	ND	65	60	ND	50	120

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606D

Client: Texaco Research Center Spl Location: OS-4

Spl Coll'd: 10/27/86 Sample Rec'd: 10/27/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606C 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606C Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon Tetrachloride	ND	1	ND	49	50	ND	50	100
2) Chloroform	ND	1	ND	38	39	ND	50	78
3) 1,2-Dichloropropane	ND	1	ND	62	63	ND	50	124
4) 1,1,1-Trichloroethane	ND	1	ND	52	48	ND	50	96
5) Trichloroethylene	ND	1	ND	65	60	ND	50	120

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606E

Client: Texaco Research Center

Spl Location: OR-1

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606C 1st ug/l	QC REPLICATE Lab #48606C 2nd ug/l	QC MATRIX SPK Lab #48606C Spl ug/l	QC MATRIX SPK Lab #48606C Conc. Added ug/l	QC MATRIX SPK Lab #48606C % Rec
1) Carbon Tetrachloride	ND	1	ND	49	50	ND	50	100
2) Chloroform	ND	1	ND	38	39	ND	50	78
3) 1,2-Dichloropropane	ND	1	ND	62	63	ND	50	124
4) 1,1,1-Trichloroethane	ND	1	ND	52	48	ND	50	96
5) Trichloroethylene	ND	1	ND	65	60	ND	50	120

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606F

Client: Texaco Research Center

Spl Location: OR-2

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606C 1st ug/l	QC REPLICATE Lab #48606C 2nd ug/l	QC MATRIX SPK Lab #48606C Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon Tetrachloride	ND	1	ND	49	50	ND	50	100
2) Chloroform	ND	1	ND	38	39	ND	50	78
3) 1,2-Dichloropropane	3.5	1	ND	62	63	ND	50	124
4) 1,1,1-Trichloroethane	ND	1	ND	52	48	ND	50	96
5) Trichloroethylene	ND	1	ND	65	60	ND	50	120

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606G

Client: Texaco Research Center Spl Location: OR-3

Spl Coll'd: 10/28/86 Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics - Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606C 1st ug/l	QC REPLICATE Lab #48606C 2nd ug/l	QC MATRIX SPK Lab #48606C Spl ug/l	QC MATRIX SPK Lab #48606C Conc. Added ug/l	QC MATRIX SPK Lab #48606C % Rec
1) Carbon Tetrachloride	ND	1	ND	49	50	ND	50	100
2) Chloroform	ND	1	ND	38	39	ND	50	78
3) 1,2-Dichloropropane	ND	1	ND	62	63	ND	50	124
4) 1,1,1-Trichloroethane	ND	1	ND	52	48	ND	50	96
5) Trichloroethylene	ND	1	ND	65	60	ND	50	120

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606H

Client: Texaco Research Center

Spl Location: OR-4

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606C 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606C Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon Tetrachloride	ND	1	ND	49	50	ND	50	100
2) Chloroform	ND	1	ND	38	39	ND	50	78
3) 1,2-Dichloropropane	ND	1	ND	62	63	ND	50	124
4) 1,1,1-Trichloroethane	ND	1	ND	52	48	ND	50	96
5) Trichloroethylene	ND	1	ND	65	60	ND	50	120

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

48606I

Client: Texaco Research Center

Spl Location: DC-1

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	10	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	10	ND	53	55	ND	50	106
3) Bromoform	ND	10	ND	59	61	ND	50	118
4) Bromomethane	ND	10	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	10	ND	62	65	ND	50	124
6) Chlorobenzene	ND	10	ND	54	56	ND	50	108
7) Chloroethane	ND	10	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	10	ND	25	22	ND	50	50
9) Chloroform	ND	10	ND	50	47	ND	50	100
10) Chloromethane	ND	10	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	10	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	10	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	10	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	10	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	10	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	4.3	10	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	10	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	10	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	10	ND	65	66	ND	50	130
20) Ethylbenzene	ND	10	ND	64	65	ND	50	128
21) Methylene chloride	ND	10	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	10	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	10	ND	49	48	ND	50	98
24) Toluene	ND	10	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	10	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	15	10	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	3.4	10	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	10	ND	–	–	ND	50	–
29) Trichloroethene	30	10	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	10	ND	–	–	ND	50	–
31) Vinyl chloride	ND	10	ND	–	–	ND	50	–
32) m-Xylene	ND	10	ND	67	69	ND	50	134
33) o,p-Xylene	ND	10	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606J

Client: Texaco Research Center

Spl Location: UC-1A

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	ND	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606K

Client: Texaco Research Center

Spl Location: DB-8A

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	57	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	7.1	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	8.8	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	16	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606L

Client: Texaco Research Center

Spl Location: DB-11

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	ND	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606M

Client: Texaco Research Center Spl Location: DB-17 DRY

Spl Coll'd: 10/28/86 Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	-	-	-	-	-	-	-	-
2) Bromodichloromethane	-	-	-	-	-	-	-	-
3) Bromoform	-	-	-	-	-	-	-	-
4) Bromomethane	-	-	-	-	-	-	-	-
5) Carbon tetrachloride	-	-	-	-	-	-	-	-
6) Chlorobenzene	-	-	-	-	-	-	-	-
7) Chloroethane	-	-	-	-	-	-	-	-
8) 2-Chloroethylvinyl ether	-	-	-	-	-	-	-	-
9) Chloroform	-	-	-	-	-	-	-	-
10) Chloromethane	-	-	-	-	-	-	-	-
11) Cis-1,3-dichloropropene	-	-	-	-	-	-	-	-
12) Dibromochloromethane	-	-	-	-	-	-	-	-
13) 1,2-Dichlorobenzene	-	-	-	-	-	-	-	-
14) 1,3-Dichlorobenzene	-	-	-	-	-	-	-	-
15) 1,4-Dichlorobenzene	-	-	-	-	-	-	-	-
16) 1,1-Dichloroethane	-	-	-	-	-	-	-	-
17) 1,2-Dichloroethane	-	-	-	-	-	-	-	-
18) 1,1-Dichloroethene	-	-	-	-	-	-	-	-
19) 1,2-Dichloropropane	-	-	-	-	-	-	-	-
20) Ethylbenzene	-	-	-	-	-	-	-	-
21) Methylene chloride	-	-	-	-	-	-	-	-
22) 1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-
23) Tetrachloroethene	-	-	-	-	-	-	-	-
24) Toluene	-	-	-	-	-	-	-	-
25) trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-
26) trans-1,2-Dichloroethylene	-	-	-	-	-	-	-	-
27) 1,1,1-Trichloroethane	-	-	-	-	-	-	-	-
28) 1,1,2-Trichloroethane	-	-	-	-	-	-	-	-
29) Trichloroethene	-	-	-	-	-	-	-	-
30) Trichlorofluoromethane	-	-	-	-	-	-	-	-
31) Vinyl chloride	-	-	-	-	-	-	-	-
32) m-Xylene	-	-	-	-	-	-	-	-
33) o,p-Xylene	-	-	-	-	-	-	-	-

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

New York State Department of Health Approved

EnviroTest Laboratories Inc.

315 Fullerton Avenu
Newburgh, NY 125
(914) 562-0890

LAB # 48606N

Client: Texaco Research Center Spl Location: DB-6A DRY

Spl Coll'd: 10/28/86 Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SP Lab #48606F Spl ug/l	Conc. Added ug/l	% Re
1) Benzene	-	-	-	-	-	-	-	-
2) Bromodichloromethane	-	-	-	-	-	-	-	-
3) Bromoform	-	-	-	-	-	-	-	-
4) Bromomethane	-	-	-	-	-	-	-	-
5) Carbon tetrachloride	-	-	-	-	-	-	-	-
6) Chlorobenzene	-	-	-	-	-	-	-	-
7) Chloroethane	-	-	-	-	-	-	-	-
8) 2-Chloroethylvinyl ether	-	-	-	-	-	-	-	-
9) Chloroform	-	-	-	-	-	-	-	-
10) Chloromethane	-	-	-	-	-	-	-	-
11) Cis-1,3-dichloropropene	-	-	-	-	-	-	-	-
12) Dibromochloromethane	-	-	-	-	-	-	-	-
13) 1,2-Dichlorobenzene	-	-	-	-	-	-	-	-
14) 1,3-Dichlorobenzene	-	-	-	-	-	-	-	-
15) 1,4-Dichlorobenzene	-	-	-	-	-	-	-	-
16) 1,1-Dichloroethane	-	-	-	-	-	-	-	-
17) 1,2-Dichloroethane	-	-	-	-	-	-	-	-
18) 1,1-Dichloroethene	-	-	-	-	-	-	-	-
19) 1,2-Dichloropropane	-	-	-	-	-	-	-	-
20) Ethylbenzene	-	-	-	-	-	-	-	-
21) Methylene chloride	-	-	-	-	-	-	-	-
22) 1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-
23) Tetrachloroethene	-	-	-	-	-	-	-	-
24) Toluene	-	-	-	-	-	-	-	-
25) trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-
26) trans-1,2-Dichloroethylene	-	-	-	-	-	-	-	-
27) 1,1,1-Trichloroethane	-	-	-	-	-	-	-	-
28) 1,1,2-Trichloroethane	-	-	-	-	-	-	-	-
29) Trichloroethene	-	-	-	-	-	-	-	-
30) Trichlorofluoromethane	-	-	-	-	-	-	-	-
31) Vinyl chloride	-	-	-	-	-	-	-	-
32) m-Xylene	-	-	-	-	-	-	-	-
33) o,p-Xylene	-	-	-	-	-	-	-	-

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

New York State Department of Health Approved

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 486060

Client: Texaco Research Center Spl Location: DB-31 DRY

Spl Coll'd: 10/28/86 Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	-	-	-	-	-	-	-	-
2) Bromodichloromethane	-	-	-	-	-	-	-	-
3) Bromoform	-	-	-	-	-	-	-	-
4) Bromomethane	-	-	-	-	-	-	-	-
5) Carbon tetrachloride	-	-	-	-	-	-	-	-
6) Chlorobenzene	-	-	-	-	-	-	-	-
7) Chloroethane	-	-	-	-	-	-	-	-
8) 2-Chloroethylvinyl ether	-	-	-	-	-	-	-	-
9) Chloroform	-	-	-	-	-	-	-	-
10) Chloromethane	-	-	-	-	-	-	-	-
11) Cis-1,3-dichloropropene	-	-	-	-	-	-	-	-
12) Dibromochloromethane	-	-	-	-	-	-	-	-
13) 1,2-Dichlorobenzene	-	-	-	-	-	-	-	-
14) 1,3-Dichlorobenzene	-	-	-	-	-	-	-	-
15) 1,4-Dichlorobenzene	-	-	-	-	-	-	-	-
16) 1,1-Dichloroethane	-	-	-	-	-	-	-	-
17) 1,2-Dichloroethane	-	-	-	-	-	-	-	-
18) 1,1-Dichloroethene	-	-	-	-	-	-	-	-
19) 1,2-Dichloropropane	-	-	-	-	-	-	-	-
20) Ethylbenzene	-	-	-	-	-	-	-	-
21) Methylene chloride	-	-	-	-	-	-	-	-
22) 1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-
23) Tetrachloroethene	-	-	-	-	-	-	-	-
24) Toluene	-	-	-	-	-	-	-	-
25) trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-
26) trans-1,2-Dichloroethylene	-	-	-	-	-	-	-	-
27) 1,1,1-Trichloroethane	-	-	-	-	-	-	-	-
28) 1,1,2-Trichloroethane	-	-	-	-	-	-	-	-
29) Trichloroethene	-	-	-	-	-	-	-	-
30) Trichlorofluoromethane	-	-	-	-	-	-	-	-
31) Vinyl chloride	-	-	-	-	-	-	-	-
32) m-Xylene	-	-	-	-	-	-	-	-
33) o,p-Xylene	-	-	-	-	-	-	-	-

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606P

Client: Texaco Research Center

Spl Location: UB-51

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	ND	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenu
Newburgh, NY 125
(914) 562-0890

LAB # 48606Q

Client: Texaco Research Center

Spl Location: DB-13A DRY

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	QC REPLICATE Lab #48606P 2nd ug/l	QC MATRIX SPI Lab #48606P Spl ug/l	QC MATRIX SPI Lab #48606P Conc. Added ug/l	QC MATRIX SPI Lab #48606P % Rec
1) Benzene	–	–	–	–	–	–	–	–
2) Bromodichloromethane	–	–	–	–	–	–	–	–
3) Bromoform	–	–	–	–	–	–	–	–
4) Bromomethane	–	–	–	–	–	–	–	–
5) Carbon tetrachloride	–	–	–	–	–	–	–	–
6) Chlorobenzene	–	–	–	–	–	–	–	–
7) Chloroethane	–	–	–	–	–	–	–	–
8) 2-Chloroethylvinyl ether	–	–	–	–	–	–	–	–
9) Chloroform	–	–	–	–	–	–	–	–
10) Chloromethane	–	–	–	–	–	–	–	–
11) Cis-1,3-dichloropropene	–	–	–	–	–	–	–	–
12) Dibromochloromethane	–	–	–	–	–	–	–	–
13) 1,2-Dichlorobenzene	–	–	–	–	–	–	–	–
14) 1,3-Dichlorobenzene	–	–	–	–	–	–	–	–
15) 1,4-Dichlorobenzene	–	–	–	–	–	–	–	–
16) 1,1-Dichloroethane	–	–	–	–	–	–	–	–
17) 1,2-Dichloroethane	–	–	–	–	–	–	–	–
18) 1,1-Dichloroethene	–	–	–	–	–	–	–	–
19) 1,2-Dichloropropane	–	–	–	–	–	–	–	–
20) Ethylbenzene	–	–	–	–	–	–	–	–
21) Methylene chloride	–	–	–	–	–	–	–	–
22) 1,1,2,2-Tetrachloroethane	–	–	–	–	–	–	–	–
23) Tetrachloroethene	–	–	–	–	–	–	–	–
24) Toluene	–	–	–	–	–	–	–	–
25) trans-1,3-Dichloropropene	–	–	–	–	–	–	–	–
26) trans-1,2-Dichloroethylene	–	–	–	–	–	–	–	–
27) 1,1,1-Trichloroethane	–	–	–	–	–	–	–	–
28) 1,1,2-Trichloroethane	–	–	–	–	–	–	–	–
29) Trichloroethene	–	–	–	–	–	–	–	–
30) Trichlorofluoromethane	–	–	–	–	–	–	–	–
31) Vinyl chloride	–	–	–	–	–	–	–	–
32) m-Xylene	–	–	–	–	–	–	–	–
33) o,p-Xylene	–	–	–	–	–	–	–	–

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

New York State Department of Health Approved

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606R

Client: Texaco Research Center

Spl Location: DB-10

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	QC REPLICATE Lab #48606P 2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	QC MATRIX SPK Lab #48606P Conc. Added ug/l	QC MATRIX SPK Lab #48606P % Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	ND	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606S

Client: Texaco Research Center

Spl Location: DB-7A

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	ND	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

New York State Department of Health Approved

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606T

Client: Texaco Research Center

Spl Location: Off Site Pour Blank (OS/R-1)

Spl Coll'd: 10/27/86

Sample Rec'd: 10/27/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	ND	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenu
Newburgh, NY 125
(914) 562-0890

LAB # 48606U

Client: Texaco Research Center

Spl Location: On Site Pour Blank (DC-1)

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SF Lab #48606F Spl ug/l	Conc. Added ug/l	% Re
1) Benzene	ND	1	ND	63	65	ND	50	12
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	10
3) Bromoform	ND	1	ND	59	61	ND	50	11
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	12
6) Chlorobenzene	ND	1	ND	54	56	ND	50	10
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	5
9) Chloroform	ND	1	ND	50	47	ND	50	10
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	7
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	9
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	9
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	12
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	13
20) Ethylbenzene	ND	1	ND	64	65	ND	50	12
21) Methylene chloride	ND	1	ND	47	46	ND	50	9
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	9
24) Toluene	ND	1	ND	52	53	ND	50	10
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	11
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	7
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	12
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	12
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	13
33) o,p-Xylene	ND	1	ND	136	142	ND	100	13

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

New York State Department of Health Approved

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606V

Client: Texaco Research Center

Spl Location: Off Site Trip Blank

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	ND	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

New York State Department of Health Approved

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB # 48606W

Client: Texaco Research Center

Spl Location: On Site Trip Blank

Spl Coll'd: 10/28/86

Sample Rec'd: 10/28/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #48606P 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #48606P Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	63	65	ND	50	126
2) Bromodichloromethane	ND	1	ND	53	55	ND	50	106
3) Bromoform	ND	1	ND	59	61	ND	50	118
4) Bromomethane	ND	1	ND	–	–	ND	50	–
5) Carbon tetrachloride	ND	1	ND	62	65	ND	50	124
6) Chlorobenzene	ND	1	ND	54	56	ND	50	108
7) Chloroethane	ND	1	ND	–	–	ND	50	–
8) 2-Chloroethylvinyl ether	ND	1	ND	25	22	ND	50	50
9) Chloroform	ND	1	ND	50	47	ND	50	100
10) Chloromethane	ND	1	ND	–	–	ND	50	–
11) Cis-1,3-dichloropropene	ND	1	ND	8.3	6.6	ND	11	75
12) Dibromochloromethane	ND	1	ND	47	44	ND	50	94
13) 1,2-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
14) 1,3-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
15) 1,4-Dichlorobenzene	ND	1	ND	–	–	ND	50	–
16) 1,1-Dichloroethane	ND	1	ND	47	46	ND	50	94
17) 1,2-Dichloroethane	ND	1	ND	61	61	ND	50	122
18) 1,1-Dichloroethene	ND	1	ND	–	–	ND	50	–
19) 1,2-Dichloropropane	ND	1	ND	65	66	ND	50	130
20) Ethylbenzene	ND	1	ND	64	65	ND	50	128
21) Methylene chloride	ND	1	ND	47	46	ND	50	94
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	–	–	ND	50	–
23) Tetrachloroethene	ND	1	ND	49	48	ND	50	98
24) Toluene	ND	1	ND	52	53	ND	50	104
25) trans-1,3-Dichloropropene	ND	1	ND	46	51	ND	39	118
26) trans-1,2-Dichloroethylene	ND	1	ND	39	39	ND	50	78
27) 1,1,1-Trichloroethane	ND	1	ND	60	61	ND	50	120
28) 1,1,2-Trichloroethane	ND	1	ND	–	–	ND	50	–
29) Trichloroethene	ND	1	ND	63	63	ND	50	126
30) Trichlorofluoromethane	ND	1	ND	–	–	ND	50	–
31) Vinyl chloride	ND	1	ND	–	–	ND	50	–
32) m-Xylene	ND	1	ND	67	69	ND	50	134
33) o,p-Xylene	ND	1	ND	136	142	ND	100	136

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LB # 48606

Client: Texaco Research Center

Spl Coll'd: 10/27-28/86 Sample Rec'd: 10/27-28/86

EPA Method 625 Acid Extractables GC/MS

SAMPLE LOCATION	PHENOL		BLANK	QC REPLICATE		QC MATRIX SPK		
	Sample Concen. ug/l	MDL ug/l	Conc. ug/l	1st ug/l	2nd ug/l	Spl ug/l	Conc. Added ug/l	% Rec
OS-1	ND	10	ND	40	32	ND	50	80
OS-2	DRY							
OS-3	ND	10	ND					
OS-4	ND	10	ND	ND	ND			
OR-1	ND	10	ND					
OR-2	ND	10	ND					
OR-3	ND	10	ND					
OR-4	ND	10	ND					
DC-1	ND	10	ND					
UC-1A	ND	10	ND					
DB-8A	ND	10	ND					
DB-11	ND	10	ND	ND	ND			
DB-17	DRY							
DB-6A	DRY							
DB-13	DRY							
UB-5	ND	10	ND					
DB-13A	DRY							
DB-10	ND	10	ND	40	40	ND	50	80
DB-7A	ND	10	ND					
Off Site Pour Blank	ND	10	ND					
On Site Pour Blank	ND	10	ND					

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB#: 40606I DATE REC'D: 86/10/28 DATE COLL'D: 86/10/28 STATUS: Closed
LNAME: Texaco FNAME:
STREET: CITY: STATE: ZIP:
SPL LOCATION: DC-1

REPORT TO:
BILL TO:

T-COLI:		Cr+6 :		COD :	
F COLI:		Phenol:		HARD-T :	
SPC :		CN :		Ca Hard:	
F :		B :		SO3 :	
NO3 :		Br :		Cl :	
NO2 :		Color :		Alk :	
T-PO4 :		Odor :		BOD Inf:	
O-PO4 :		Turb :		BOD Eff:	
SO4 :		pH :		BOD S :	
MBAS :		LT :		TSS Inf:	
SiO2 :		Cond :		TSS Eff:	
H2S :		NH3-T :		MLSS :	
NH3-C :		TKN :		MLVSS :	
VSS :		Ca :		K :	
TS :		Cr :	0.17	Se :	<2 ug/l
V3 :		Co :		Ag :	0.003
TDS :		Cu :	0.40	Na :	
SS :		Au :		Tl :	<0.05
% SOL :		Fe :		Sn :	
G & O :		Pb :	0.50	Ti :	
Al :		Mg :		V :	
Sb :	1.5	Mn :		Zn :	0.05
As :	<2 ug/l	Hg :	<0.4 ug/l	THM :	
Ba :		Mo :		TOC :	
Be :	0.014	Ni :	0.24		
Cd :	0.008	Pd :			

Remarks: All results are in mg/l, unless otherwise indicated.

Ronald A. Bayer
Laboratory Director 11/12/86

New York State Department of Health Approved

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB#: 486065J DATE REC'D: 86/10/28 DATE COLL'D: 86/10/28 STATE: Ohio
LNAME: Texaco FNAME:
STREET: CITY: STATE: ZIP:
SPL LOCATION: UC-1A

REPORT TO:
BILL TO:

T COLI:		Cr+6 :		COD :	
F COLI:		Phenol:		HARD-T :	
SPC :		CN :		Ca Hard:	
F :		B :		SO3 :	
NO3 :		Br :		Cl :	
NO2 :		Color :		Alk :	
T-PO4 :		Odor :		BOD-Inf:	
O-PO4 :		Turb :		BOD-Eff:	
SO4 :		pH :		BOD-S :	
MBAS :		LI :		TSS-Inf:	
SiO2 :		Cond :		TSS-Eff:	
H2S :		NH3 T :		MLSS :	
NH3-C :		TKN :		MLVSS :	
VSS :		Ca :		K :	
TS :		Cr : 0.14		Se : <2 ug/l	
VS :		Co :		Ag : 0.003	
TDS :		Cu : 0.29		Na :	
SS :		Au :		Tl : <0.05	
% SOL :		Fe :		Sn :	
G & O :		Pb : 0.49		Ti :	
Al :		Mg :		V :	
Sb : 1.2		Mn :		Zn : 3.1	
As : <2 ug/l		Hg : 5.0 ug/l		THM :	
Ba :		Mo :		TOC :	
Be : 0.012		Ni : 0.30			
Cd : 0.02		Pd :			

Remarks: All results are in mg/l, unless otherwise indicated.

Ronald A. Bayer
Laboratory Director 11/12/86

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB#: 406060 DATE REC'D: 86/10/28 DATE COLL'D: 86/10/28 STATUS: Closed
LNAME: Texaco FNAME:
STREET: CITY: STATE: ZIP:
SPL LOCATION: Pour Blank 10/28 on site DC-1

REPORT TO:
BILL TO:

T COLI:		Cr+6 :		COD :	
F COLI:		Phenol:		HARD-T :	
SPC :		CN :		Ca Hard:	
F :		B :		SO3 :	
NO3 :		Br :		Cl :	
NO2 :		Color :		Alk :	
T-PO4 :		Odor :		BOD-Inf:	
O-PO4 :		Turb :		BOD-Eff:	
SO4 :		pH :		BOD-S :	
MBAS :		LI :		TSS-Inf:	
SiO2 :		Cond :		TSS-Eff:	
H2S :		NH3-T :		ML SS :	
NH3-C :		TKN :		ML VSS :	
VSS :		Ca :		F :	
TS :		Cr :	<0.01	Se :	<2 ug/l
VS :		Co :		Ag :	<0.002
TDS :		Cu :	<0.01	Na :	
SS :		Au :		Tl :	<0.05
% SOL :		Fe :		Sn :	
G & O :		Pb :	<0.01	Ti :	
Al :		Mg :		V :	
Sb :	<0.06	Mn :		Zn :	<0.01
As :	<2 ug/l	Hg :	0.6 ug/l	THM :	
Ba :		Mo :		TOC :	
Be :	<0.005	Ni :	<0.05		
Cd :	0.002	Pd :			

Remarks: All results are in mg/l, unless otherwise indicated.

Ronald A. Bayer
Laboratory Director 11/12/86

EnviroTest Laboratories Inc.
315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

TABLE 1

Texaco, Inc.
Beacon, New York

Off-Site and Post-Remedial Groundwater
Sampling and Analysis Program

STATIC WATER LEVEL MEASUREMENTS

Samples Collected 10/27-28/86

Location	Static Water Level (Ft.) Before Exercising	After Exercising
OS-1	23' 0"	24' 0"
OS-2	water level too low	
OS-3	11' 6"	11' 6"
OS-4	5' 0'	7' 0"
OR-1	23' 8"	23' 8"
OR-2	22' 1"	22' 0"
OR-3	45' 0"	45' 3"
OR-4	47' 4"	47' 4"
DC-1	6' 0"	6' 0"
UC-1A	11' 6"	11' 9"
DB-8A	13' 0"	13' 0"
DB-11	12' 6"	13' 0"
DB-17	dry	
DB-6A	dry	
DB-31	dry	

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

POST-REMEDIAL MONITORING

Round 5

December 11, 1986

LAB # 49889

Client: Texaco Research Center

Spls Coll'd: 12/11-12/86 Spls Rec'd: 12/11-12/86

EPA Method 625 Acid Extractables GC/MS

SAMPLE ID	RESULTS		BLANK	QC REPLICATE		QC MATRIX SPK		
	Phenol ug/l	MDL ug/l	Conc. ug/l	1st ug/l	2nd ug/l	Spl ug/l	Conc. Added ug/l	% Rec
OS-1	ND	10	ND	ND	ND	–	–	–
OS-2	ND	10	ND	29	31	ND	50	62
OS-3	ND	10	ND	–	–	–	–	–
OS-4	ND	10	ND	–	–	–	–	–
OS-4 Pour Blank	ND	10	ND	–	–	–	–	–
OR-1	ND	10	ND	–	–	–	–	–
OR-2	ND	10	ND	–	–	–	–	–
OR-3	ND	10	ND	–	–	–	–	–
OR-4	ND	10	ND	–	–	–	–	–
DC-1	ND	10	ND	–	–	–	–	–
UB-5	ND	10	ND	–	–	–	–	–
DB-11	ND	10	ND	21	22	ND	50	44
DB-7A	ND	10	ND	–	–	–	–	–
DB-10A	ND	10	ND	–	–	–	–	–
DB-8A	ND	10	ND	–	–	–	–	–
UC-1	ND	10	ND	ND	ND	–	–	–
UC-1 Pour Blank	ND	10	ND	–	–	–	–	–
DB-6A	ND	10	ND	–	–	–	–	–
DB-13A	DRY	–	–	–	–	–	–	–

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889A

Client: Texaco Research Center Spl Location: OS-1

Spl Coll'd: 12/11/86 Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	106
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889B

Client: Texaco Research Center Spl Location: OS-2

Spl Coll'd: 12/11/86 Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889C

Client: Texaco Research Center Spl Location: OS-3

Spl Coll'd: 12/11/86 Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889D

Client: Texaco Research Center Spl Location: OS-4

Spl Coll'd: 12/11/86 Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889E

Client: Texaco Research Center Spl Location: OS-4 Pour Blank

Spl Coll'd: 12/11/86 Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	QC REPLICATE Lab #49889F 2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	QC MATRIX SPK Lab #49889F Conc. Added ug/l	QC MATRIX SPK Lab #49889F % Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889F

Client: Texaco Research Center Spl Location: OR-1

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889G

Client: Texaco Research Center Spl Location: OR-2

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889H

Client: Texaco Research Center Spl Location: OR-3

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889I

Client: Texaco Research Center Spl Location: OR-4

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889J

Client: Texaco Research Center Spl Location: DC-1

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	–	–	–
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	–	–	–
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	–	–	–
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	–	–	–
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	–	–	–
31) Vinyl chloride	ND	1	ND	ND	ND	–	–	–
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 49889K

Client: Texaco Research Center Spl Location: UB-5

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889L

Client: Texaco Research Center Spl Location: DB-11

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889M

Client: Texaco Research Center Spl Location: DB-7A

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889N

Client: Texaco Research Center Spl Location: DB-10A

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	–	–	–
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	–	–	–
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	–	–	–
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	–	–	–
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	–	–	–
31) Vinyl chloride	ND	1	ND	ND	ND	–	–	–
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 498890

Client: Texaco Research Center Spl Location: DB-8A

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

	COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1)	Benzene	ND	1	ND	56	59	ND	60	98
2)	Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3)	Bromoform	ND	1	ND	64	64	ND	60	107
4)	Bromomethane	ND	1	ND	ND	ND	-	-	-
5)	Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6)	Chlorobenzene	ND	1	ND	60	58	ND	60	100
7)	Chloroethane	ND	1	ND	ND	ND	-	-	-
8)	2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9)	Chloroform	200	1	ND	61	64	ND	60	102
10)	Chloromethane	ND	1	ND	ND	ND	-	-	-
11)	Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12)	Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13)	1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14)	1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15)	1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16)	1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17)	1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18)	1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19)	1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20)	Ethylbenzene	ND	1	ND	61	55	ND	60	102
21)	Methylene chloride	ND	1	ND	68	68	ND	60	113
22)	1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23)	Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24)	Toluene	ND	1	ND	55	49	ND	60	92
25)	trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26)	trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27)	1,1,1-Trichloroethane	18	1	ND	77	79	ND	60	128
28)	1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29)	Trichloroethene	32	1	ND	70	70	ND	60	116
30)	Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31)	Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32)	m-Xylene	ND	1	ND	61	61	ND	60	102
33)	o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 49889F

Client: Texaco Research Center Spl Location: UC-1

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889Q

Client: Texaco Research Center Spl Location: UC-1 Pour Blank

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

	COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1)	Benzene	ND	1	ND	56	59	ND	60	98
2)	Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3)	Bromoform	ND	1	ND	64	64	ND	60	107
4)	Bromomethane	ND	1	ND	ND	ND	-	-	-
5)	Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6)	Chlorobenzene	ND	1	ND	60	58	ND	60	100
7)	Chloroethane	ND	1	ND	ND	ND	-	-	-
8)	2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9)	Chloroform	ND	1	ND	61	64	ND	60	102
10)	Chloromethane	ND	1	ND	ND	ND	-	-	-
11)	Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12)	Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13)	1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14)	1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15)	1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16)	1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17)	1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18)	1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19)	1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20)	Ethylbenzene	ND	1	ND	61	55	ND	60	102
21)	Methylene chloride	ND	1	ND	68	68	ND	60	113
22)	1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23)	Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24)	Toluene	ND	1	ND	55	49	ND	60	92
25)	trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26)	trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27)	1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28)	1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29)	Trichloroethene	ND	1	ND	70	70	ND	60	116
30)	Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31)	Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32)	m-Xylene	ND	1	ND	61	61	ND	60	102
33)	o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889R

Client: Texaco Research Center Spl Location: DB-6A

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	–	–	–
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	–	–	–
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	–	–	–
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	–	–	–
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	–	–	–
31) Vinyl chloride	ND	1	ND	ND	ND	–	–	–
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Mayer
President

LAB # 49889S

Client: Texaco Research Center Spl Location: DB-13A DRY

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	-	-	-	-	-	-	-	-
2) Bromodichloromethane	-	-	-	-	-	-	-	-
3) Bromoform	-	-	-	-	-	-	-	-
4) Bromomethane	-	-	-	-	-	-	-	-
5) Carbon tetrachloride	-	-	-	-	-	-	-	-
6) Chlorobenzene	-	-	-	-	-	-	-	-
7) Chloroethane	-	-	-	-	-	-	-	-
8) 2-Chloroethylvinyl ether	-	-	-	-	-	-	-	-
9) Chloroform	-	-	-	-	-	-	-	-
10) Chloromethane	-	-	-	-	-	-	-	-
11) Cis-1,3-dichloropropene	-	-	-	-	-	-	-	-
12) Dibromochloromethane	-	-	-	-	-	-	-	-
13) 1,2-Dichlorobenzene	-	-	-	-	-	-	-	-
14) 1,3-Dichlorobenzene	-	-	-	-	-	-	-	-
15) 1,4-Dichlorobenzene	-	-	-	-	-	-	-	-
16) 1,1-Dichloroethane	-	-	-	-	-	-	-	-
17) 1,2-Dichloroethane	-	-	-	-	-	-	-	-
18) 1,1-Dichloroethene	-	-	-	-	-	-	-	-
19) 1,2-Dichloropropane	-	-	-	-	-	-	-	-
20) Ethylbenzene	-	-	-	-	-	-	-	-
21) Methylene chloride	-	-	-	-	-	-	-	-
22) 1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-
23) Tetrachloroethene	-	-	-	-	-	-	-	-
24) Toluene	-	-	-	-	-	-	-	-
25) trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-
26) trans-1,2-Dichloroethylene	-	-	-	-	-	-	-	-
27) 1,1,1-Trichloroethane	-	-	-	-	-	-	-	-
28) 1,1,2-Trichloroethane	-	-	-	-	-	-	-	-
29) Trichloroethene	-	-	-	-	-	-	-	-
30) Trichlorofluoromethane	-	-	-	-	-	-	-	-
31) Vinyl chloride	-	-	-	-	-	-	-	-
32) m-Xylene	-	-	-	-	-	-	-	-
33) o,p-Xylene	-	-	-	-	-	-	-	-

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889T

Client: Texaco Research Center Spl Location: On Site Trip Blank

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

	COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1)	Benzene	ND	1	ND	56	59	ND	60	98
2)	Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3)	Bromoform	ND	1	ND	64	64	ND	60	107
4)	Bromomethane	ND	1	ND	ND	ND	-	-	-
5)	Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6)	Chlorobenzene	ND	1	ND	60	58	ND	60	100
7)	Chloroethane	ND	1	ND	ND	ND	-	-	-
8)	2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9)	Chloroform	ND	1	ND	61	64	ND	60	102
10)	Chloromethane	ND	1	ND	ND	ND	-	-	-
11)	Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12)	Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13)	1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14)	1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15)	1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16)	1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17)	1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18)	1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19)	1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20)	Ethylbenzene	ND	1	ND	61	55	ND	60	102
21)	Methylene chloride	ND	1	ND	68	68	ND	60	113
22)	1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23)	Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24)	Toluene	ND	1	ND	55	49	ND	60	92
25)	trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26)	trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27)	1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28)	1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29)	Trichloroethene	ND	1	ND	70	70	ND	60	116
30)	Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31)	Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32)	m-Xylene	ND	1	ND	61	61	ND	60	102
33)	o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889U

Client: Texaco Research Center Spl Location: Off Site Trip Blank

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

TABLE 1

Texaco, Inc.
Beacon, New York

Off-Site and Post-Remedial Groundwater
Sampling and Analysis Program

STATIC WATER LEVEL MEASUREMENTS

Sample Date	Location	Static Water Level (Ft.) Before Exercising	After Exercising
12/11/86	OS-4	0'	0'
12/11/86	OS-1	15' 7"	16' 5"
12/11/86	OS-2	5" 7"	5' 7"
12/11/86	OS-3	2'	2'
12/12/86	OR-4	40' 6"	40' 6"
12/12/86	OR-1	16'	16' 6"
12/12/86	OR-2	11' 9"	13' 8"
12/12/86	OR-3	33' 1"	33' 6"
12/12/86	DC-1	4' 6"	4' 6"
12/12/86	UB-5	18'	19'
12/12/86	DB-11	9' 6"	9'
12/12/86	DB-7A	9'	9' 6"
12/12/86	DB-10A	15'	17'
12/12/86	DB-8A	9' 6"	9' 6"
12/12/86	UC-1	11'	9' 6"
12/12/86	DB-6A	12	13'
12/12/86	DB-13A	13'	14'

TABLE 2

Texaco, Inc.
Beacon, New York

FECAL COLIFORM RESULTS

Sample Location	Fecal Coliform (#/100 ml)
OS-1	<10
OS-2	<10
OS-3	<10
OS-4	30
OR-1	<10
OR-2	<10
OR-3	<10
OR-4	<10

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

POST-REMEDIAL MONITORING

Round 6

February 10, 1987

TABLE 1

Texaco, Inc.
Beacon, New York

Off-Site and Post-Remedial Groundwater
Sampling and Analysis Program

STATIC WATER LEVEL MEASUREMENTS

Sample Date	Location	Static Water Level (Ft.) Before Exercising	After Exercising
2/10/87	OS-1	8' 0"	10' 0"
2/10/87	OS-2	5'10"	5' 6"
2/10/87	OS-3	4' 0"	4' 0"
2/10/87	OS-4	0' 4"	0' 6"
2/11/87	OR-1	9' 6"	10' 2"
2/11/87	OR-2	7'10"	8'10"
2/11/87	OR-3	21'10"	22' 2" * PACKER/SOLVENT
2/11/87	OR-4	34' 0"	
2/11/87	DC-1	4' 2" *	4' 2"
2/11/87	DC-1A	5' 6"	5' 8"
2/11/87	DB-8A	7' 2"	7' 6"
2/11/87	DB-11	8' 6"	8' 4"
2/11/87	DB-31	8' 4"	8' 7"
2/11/87	DB-6A	12' 8"	12' 8"
2/11/87	UB-5	17' 4"	17' 4"
2/11/87	DB-13A	12' 0"	13' 0"
2/11/87	DB-10	8' 4"	13' 2"
2/11/87	DB-7A	7' 0"	6'10"
2/01/87 *	DB-17 *	8' 8" *	

NOTE * CORRECTION FROM ENVIROTEST BY PHONE - 3/3 MPL

TABLE 2

Texaco, Inc.
Beacon, New York

FECAL COLIFORM RESULTS

Sample Location	Fecal Coliform (#1/00 ml)
OS-1	<10
OS-2	<10
OS-3	<10
OS-4	<10
OR-1	<10
OR-2	<10
OR-3	<10
OR-4	<10

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 51335

Client: Texaco, Inc.

Spls Coll'd: 2/10-11/87 Spls Rec'd: 2/10-11/87

EPA Method 625 Acid Extractables GC/MS

COMPOUND	PHENOL Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE 1st ug/l	QC REPLICATE 2nd ug/l	QC MATRIX SPK Spl ug/l	QC MATRIX SPK Conc. Added ug/l	QC MATRIX SPK % Rec
A) OS-1	ND	10	ND	28	29	ND	50	56
B) OS-2	ND	10	ND	ND	ND	-	-	-
C) OS-3	ND	10	ND					
D) OS-4	ND	10	ND					
E) OS-3 Pour Blank	ND	10	ND					
H) DB-31 Pour Blank	ND	10	ND					
I) OR-1	ND	10	ND					
J) OR-2	ND	10	ND					
K) OR-3	ND	10	ND					
L) OR-4	ND	10	ND					
M) DC-1	ND	10	ND					
N) UC-1A	ND	10	ND					
O) DB-8A	ND	10	ND					
P) DB-17 ***DRY***								
Q) DB-11	ND	10	ND	25	18	ND	50	50
R) DB-31	ND	10	ND					
S) DB-6A	ND	10	ND	ND	ND	-	-	-
T) UB-5	ND	10	ND					
V) DB-10	ND	10	ND					
W) DB-7A	ND	10	ND					

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/2/87

LAB # 51335A

Client: Texaco Research Center Spl Location: OS-1

Spl Coll'd: 2/10/87 Sample Rec'd: 2/10/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	63	58	ND	60	105
4) 1,1,1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 51335B

Client: Texaco Research Center Spl Location: OS-2

Spl Coll'd: 2/10/87 Sample Rec'd: 2/10/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	QC REPLICATE Lab #51335A 2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	63	58	ND	60	105
4) 1,1,1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Baver
President

3/3/87

LAB # 51335C

Client: Texaco Research Center Spl Location: OS-3

Spl Coll'd: 2/10/87 Sample Rec'd: 2/10/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	63	58	ND	60	105
4) 1,1,1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 51335D

Client: Texaco Research Center Spl Location: OS-4

Spl Coll'd: 2/10/87 Sample Rec'd: 2/10/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	63	58	ND	60	105
4) 1,1,1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 51335E

Client: Texaco Research Center

Spl Location: OS-3, Pour Blank

Sol Coll'd: 2/10/87

Sample Rec'd: 2/10/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	QC REPLICATE Lab #51335A 2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	QC MATRIX SPK Lab #51335A Conc. Added ug/l	QC MATRIX SPK Lab #51335A % Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1.2-Dichloropropane	ND	1	ND	63	58	ND	60	105
4) 1.1.1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 51335F

Client: Texaco, Inc.

Spl Location: Trip Blank Off Site

Spl Coll'd: 2/10/87

Sample Rec'd: 2/10/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	98
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	98
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1.3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	53	ND	60	95
15) 1.2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1.3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1.4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1.1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1.2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1.1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1.2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1.1.2.2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1.3-Dichloropropene	ND	1	ND	46	46	ND	47	102
28) trans-1.2-Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1.1.1-Trichloroethane	ND	1	ND	64	65	0.2	60	93
30) 1.1.2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	28	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	60	ND	60	100
34) m-/-Xylene	ND	1	ND	65	68	ND	60	108
35) o.p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald G. Baver
President

3/3/87

LAB # 51335G

Client: Texaco, Inc.

Spl Location: Trip Blank On Site

Spl Coll'd: 2/10/87

Sample Rec'd: 2/10/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	96
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	98
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	97
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	ND	1	ND	64	65	6.2	60	97
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	28	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	66	ND	60	100
34) m-Xylene	ND	1	ND	65	68	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 51335H

Client: Texaco. Inc.

Spl Location: DB-31 Pour Blank

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	90
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	92
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	98
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	107
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	ND	1	ND	64	65	8.2	60	93
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	28	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	66	ND	60	100
34) m-Xylene	ND	1	ND	65	68	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald M. Baver
President

3/3/87

LAB # 51335I

Client: Texaco Research Center Spl Location: OR-1

Spl Coll'd: 2/11/87 Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	63	58	ND	60	105
4) 1,1,1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 51335J

Client: Texaco Research Center Spl Location: OR-2

Spl Coll'd: 2/11/87 Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	QC REPLICATE Lab #51335A 2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	QC MATRIX SPK Lab #51335A Conc. Added ug/l	QC MATRIX SPK Lab #51335A % Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1,2-Dichloropropane	7.8	1	ND	63	58	ND	60	105
4) 1,1,1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Baver
President

3/3/87

LAB # 51335K

Client: Texaco Research Center Spl Location: OR-3

Spl Coll'd: 2/11/87 Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	QC REPLICATE Lab #51335A 2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	QC MATRIX SPK Lab #51335A Conc. Added ug/l	QC MATRIX SPK Lab #51335A % Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	63	58	ND	60	105
4) 1,1,1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/2/87

LAB # 51335L

Client: Texaco Research Center Spl Location: OR-4

Spl Coll'd: 2/11/87 Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335A 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335A Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	52	ND	60	98
2) Chloroform	ND	1	ND	62	52	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	63	58	ND	60	105
4) 1,1,1-trichloroethane	ND	1	ND	58	49	ND	60	97
5) Trichloroethylene	ND	1	ND	56	64	ND	60	93

For EnviroTest Laboratories, Inc.

Ronald A. Daver
President

3/3/87

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB#: 51335M DATE REC'D: 87/02/11 DATE COLL'D: 2/10-2/11 STATUS: CLOSED
LNAME: Texaco FNAME:
STREET: CITY: STATE: ZIP:
SPL LOCATION: DC-1

REPORT TO:
BILL TO:

T COLI:		Cr+6 :		COD :	
F COLI:		Phenol:		HARD-T :	
SPC :		CN :		Ca Hard:	
F :		B :		SO3 :	
NO3 :		Br :		Cl :	
NO2 :		Color :		Alk :	
T-PO4 :		Odor :		BOD-Inf:	
O-PO4 :		Turb :		BOD-Eff:	
SO4 :		pH :		BOD-S :	
MBAS :		Li :		TSS-Inf:	
SiO2 :		Cond :		TSS-Eff:	
H2S :		NH3-T :		MLSS :	
NH3-C :		TKN :		MLVSS :	
VSS :		Ca :		K :	
Ti :		Cr :	0.03	Se :	<2.0 ug/l
V :		Co :		Ag :	<0.01
TDS :		Cu :	0.01	Na :	
SS :		Au :		Ti :	<0.06
% SOL :		Fe :		Sn :	
G & O :		Pb :	<0.01	Ti :	
Al :		Mg :		V :	
Sb :	<0.06	Mn :		Zn :	0.03
As :	<5.0 ug/l	Hg :	0.4 ug/l	THM :	
Ba :		Mo :		TOC :	
Be :	<0.005	Ni :	<0.03		
Cd :	<0.01	Pd :			

Remarks: All results in mg/l unless otherwise indicated.

Ronald A. Bayer
Laboratory Director 2/25/87

LAB # 51335M

Client: Texaco, Inc.

Spl Location: DC-1

Sol Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	98
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	98
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	65	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	6.1	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	14	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	8.2	1	ND	64	60	8.2	60	93
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	28	1	ND	61	62	28	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	65	ND	60	100
34) m-Xylene	ND	1	ND	65	68	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald A. Bever
President

3/3/87

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB#: 51335N DATE REC'D: 87/2/10 DATE COLL'D: 87/2/11 STATUS: CLOSED
LNAME: Texaco FNAME:
STREET: CITY: STATE: ZIP:
SPL LOCATION: UC-1A

REPORT TO: same
BILL TO: same

T COLI:		Cr+6 :		COD :	
F COLI:		Phenol:		HARD-T :	
SPC :		CN :		Ca Hard:	
F :		B :		SO3 :	
NO3 :		Br :		Cl :	
NO2 :		Color :		Alk :	
T-PO4 :		Odor :		BOD-Inf:	
O-PO4 :		Turb :		BOD-Eff:	
SO4 :		pH :		BOD-S :	
MBAS :		Ll :		TSS-Inf:	
SiO2 :		Cond :		TSS-Eff:	
H2S :		NH3-T :		MLSS :	
NH3-C :		TKN :		MLVSS :	
VSS :		Ca :		K :	
TS :		Cr :	0.02	Se :	<2.0 ug/l
VS :		Co :		Ag :	<0.01
TDS :		Cu :	<0.01	Na :	
SS :		Au :		Ti :	<0.06
% SOL :		Fe :		Sn :	
O & G :		Pb :	<0.01	Ti :	
Al :		Mg :		V :	
Sb :	<0.06	Mn :		Zn :	0.28
As :	<5.0 ug/l	Hg :	0.5 ug/l	THM :	
Ba :		Mo :		TOC :	
Be :	<0.005	Ni :	<0.03		
Cd :	<0.01	Pd :			

Remarks: All results in mg/l unless otherwise indicated.

Ronald A. Baver
Laboratory Director 2/26/87

LAB # 51335N

Client: Texaco, Inc.

Spl Location: UC-1A

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	--	--	--
2) Acrylonitrile	ND	100	ND	ND	ND	--	--	--
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	98
6) Bromomethane	ND	1	ND	ND	ND	--	--	--
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	--	--	--
11) Chloroform	ND	1	ND	59	58	6.1	60	98
12) Chloromethane	ND	1	ND	ND	ND	--	--	--
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	--	--	--
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	2.9	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	7.1	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	2.6	1	ND	64	65	8.2	60	93
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	4.0	1	ND	61	62	32	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	--	--	--
33) Vinyl chloride	ND	1	ND	60	66	ND	60	100
34) m-xylene	ND	1	ND	65	66	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald H. Bayer
President

3/3/87

LAB # 513350

Client: Texaco. Inc.

Spl Location: DB-8A

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	98
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	730	1	ND	59	58	5.1	60	98
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1.3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1.2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1.3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1.4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1.1-Dichloroethane	60	1	ND	64	57	ND	60	96
19) 1.2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1.1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1.2-Dichloropropane	7.3	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1.1.2.2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1.3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1.2-Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1.1.1-Trichloroethane	340	1	ND	64	65	8.2	60	93
30) 1.1.2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	43	1	ND	61	62	38	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	69	66	ND	60	100
34) m-Xylene	ND	1	ND	65	62	ND	60	108
35) o.p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories. Inc.

Ronald M. Bayer
President

3/3/87

LAB # 51335P

Client: Texaco, Inc.

Spl Location: DB-17 **DRY**

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	--	--	--	--	--	--	--	--
2) Acrylonitrile	--	--	--	--	--	--	--	--
3) Benzene	--	--	--	--	--	--	--	--
4) Bromodichloromethane	--	--	--	--	--	--	--	--
5) Bromoform	--	--	--	--	--	--	--	--
6) Bromomethane	--	--	--	--	--	--	--	--
7) Carbon tetrachloride	--	--	--	--	--	--	--	--
8) Chlorobenzene	--	--	--	--	--	--	--	--
9) Chloroethane	--	--	--	--	--	--	--	--
10) 2-Chloroethylvinyl ether	--	--	--	--	--	--	--	--
11) Chloroform	--	--	--	--	--	--	--	--
12) Chloromethane	--	--	--	--	--	--	--	--
13) Cis-1,3-dichloropropene	--	--	--	--	--	--	--	--
14) Dibromochloromethane	--	--	--	--	--	--	--	--
15) 1,2-Dichlorobenzene	--	--	--	--	--	--	--	--
16) 1,3-Dichlorobenzene	--	--	--	--	--	--	--	--
17) 1,4-Dichlorobenzene	--	--	--	--	--	--	--	--
18) 1,1-Dichloroethane	--	--	--	--	--	--	--	--
19) 1,2-Dichloroethane	--	--	--	--	--	--	--	--
20) 1,1-Dichloroethene	--	--	--	--	--	--	--	--
21) 1,2-Dichloropropane	--	--	--	--	--	--	--	--
22) Ethylbenzene	--	--	--	--	--	--	--	--
23) Methylene chloride	--	--	--	--	--	--	--	--
24) 1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--
25) Tetrachloroethene	--	--	--	--	--	--	--	--
26) Toluene	--	--	--	--	--	--	--	--
27) trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--
28) trans-1,2-Dichloroethylene	--	--	--	--	--	--	--	--
29) 1,1,1-Trichloroethane	--	--	--	--	--	--	--	--
30) 1,1,2-Trichloroethane	--	--	--	--	--	--	--	--
31) Trichloroethene	--	--	--	--	--	--	--	--
32) Trichlorofluoromethane	--	--	--	--	--	--	--	--
33) Vinyl chloride	--	--	--	--	--	--	--	--
34) m-Xylene	--	--	--	--	--	--	--	--
35) o,p-Xylene	--	--	--	--	--	--	--	--

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 513350

Client: Texaco. Inc.

Spl Location: DB-11

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	95
5) Bromoform	ND	1	ND	59	54	ND	60	90
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	57	57	ND	60	95
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	93
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	ND	1	ND	64	65	6.2	60	97
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	28	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	66	ND	60	100
34) m-Xylene	ND	1	ND	65	68	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

LAB # 51335R

Client: Texaco, Inc.

Spl Location: DB-31

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	98
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethyl vinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	98
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	65	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	ND	1	ND	67	67	15	60	87
29) 1,1,1 Trichloroethane	ND	1	ND	64	65	8.2	60	93
30) 1,1,2-Trichloroethane	ND	1	ND	61	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	23	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	66	ND	60	100
34) m-Xylene	ND	1	ND	65	68	ND	60	108
35) o,p-Xylene	ND	1	ND	132	134	ND	120	110

For Envirotest Laboratories, Inc.

Ronald H. Bayer
President

3/3/87

LAB # 513355

Client: Texaco, Inc.

Spl Location: DB-6A

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	98
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	98
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	60	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	46	48	ND	47	102
28) trans-1,2-Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	ND	1	ND	64	65	0.2	60	93
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	26	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	66	ND	60	100
34) m-Xylene	ND	1	ND	65	65	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

3/3/87

EnviroTest Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
(914) 562-0890

LAB#: 51335T DATE REC'D: 87/02/11 DATE COLL'D: 2/10-2/11 STATUS: CLOSED
LNAME: Texaco FNAME:
STREET: CITY: STATE: ZIP:
SPL LOCATION: UB-5

REPORT TO: same
BILL TO: same

T COLI:		Cr+6 :		COD :	
F COLI:		Phenol:		HARD-T :	
SPC :		CN :		Ca Hard:	
F :		B :		SO3 :	
NO3 :		Br :		Cl :	
NO2 :		Color :		Alk :	
T-PO4 :		Odor :		BOD-Inf:	
O-PO4 :		Turb :		BOD-Eff:	
SO4 :		pH :		BOD-S :	
MBAS :		LI :		TSS-Inf:	
SiO2 :		Cond :		TSS-Eff:	
H2S :		NH3-T :		MLSS :	
NH3-C :		TKN :		MLVSS :	
VSS :		Ca :		K :	
TS :		Cr :	<0.02	Se :	<2.0 ug/l
VS :		Co :		Ag :	<0.01
TDS :		Cu :	<0.01	Na :	
SS :		Au :		Tl :	<0.06
% SOL :		Fe :		Sn :	
O & G :		Pb :	<0.01	Ti :	
Al :		Mg :		V :	
Sb :	<0.06	Mn :		Zn :	0.06
As :	<5.0 ug/l	Hg :	0.4 ug/l	THM :	
Ba :		Mo :		TOC :	
Be :	<0.005	Ni :	<0.03		
Cd :	0.013	Pd :			

Remarks: All results in mg/l unless otherwise indicated.

Ronald A. Bayer
Laboratory Director 2/25/87

LAB # 51335T

Client: Texaco, Inc. Spl Location: UB-5

Spl Coll'd: 2/11/87 Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

	COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1)	Acrolein	ND	100	ND	ND	ND	-	-	-
2)	Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3)	Benzene	ND	1	ND	57	55	ND	60	95
4)	Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5)	Bromoform	ND	1	ND	59	54	ND	60	98
6)	Bromomethane	ND	1	ND	ND	ND	-	-	-
7)	Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8)	Chlorobenzene	ND	1	ND	59	59	ND	60	98
9)	Chloroethane	ND	1	ND	54	34	ND	60	90
10)	2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11)	Chloroform	ND	1	ND	59	58	6.1	60	99
12)	Chloromethane	ND	1	ND	ND	ND	-	-	-
13)	Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14)	Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15)	1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16)	1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17)	1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18)	1,1-Dichloroethane	ND	1	ND	54	57	ND	60	96
19)	1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20)	1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21)	1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22)	Ethylbenzene	ND	1	ND	61	62	ND	60	102
23)	Methylene chloride	ND	1	ND	63	64	ND	60	105
24)	1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25)	Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26)	Toluene	ND	1	ND	61	63	ND	60	102
27)	trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28)	trans-1,2-Dichloroethylene	ND	1	ND	67	67	15	60	87
29)	1,1,1-Trichloroethane	ND	1	ND	64	65	6.2	60	93
30)	1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31)	Trichloroethene	ND	1	ND	61	62	28	60	55
32)	Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33)	Vinyl chloride	ND	1	ND	60	66	ND	60	100
34)	m-Xylene	ND	1	ND	65	65	ND	60	108
35)	o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald A. Daver
President

3/3/87

LAB # 51335U

Client: Texaco. Inc. Spl Location: DB-13A

Spl Coll'd: 2/11/87 Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	98
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	30	1	ND	55	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	30	1	ND	57	58	6.1	60	93
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloromethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	42	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	2.4	1	ND	64	65	8.2	60	93
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	33	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	66	66	ND	60	100
34) m-xylene	ND	1	ND	65	68	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald M. Bauer
President

3/3/87

LAB # 51335V

Client: Texaco, Inc. Spl Location: DB-10

Spl Coll'd: 2/11/87 Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	95
5) Bromoform	ND	1	ND	59	54	ND	60	93
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	91
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	92
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis 1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	107
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3 Dichloropropene	ND	1	ND	49	46	ND	47	104
28) trans-1,2 Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	ND	1	ND	64	65	5.2	60	97
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	28	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	66	ND	60	107
34) m-Xylene	ND	1	ND	63	68	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	114

For EnviroTest Laboratories, Inc.

Ronald M. Bayer
President

3/3/87

LAB # 51335W

Client: Texaco, Inc. Spl Location: DB-7A

Spl Coll'd: 2/11/87 Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	98
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	97
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	98
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	68	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	ND	1	ND	67	69	13	60	97
29) 1,1,1-Trichloroethane	2.4	1	ND	64	65	8.2	60	93
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	28	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	66	ND	60	100
34) m-Xylene	ND	1	ND	65	66	ND	60	108
35) o,p-Xylene	ND	1	ND	132	136	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald A. Baver
President

3/3/87

LAB # 51335X

Client: Texaco. Inc.

Spl Location: Trip Blank On Site

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	-	-	-
2) Acrylonitrile	ND	100	ND	ND	ND	-	-	-
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	98
5) Bromoform	ND	1	ND	59	54	ND	60	90
6) Bromomethane	ND	1	ND	ND	ND	-	-	-
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	95
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	54	ND	60	90
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	-	-	-
11) Chloroform	ND	1	ND	59	58	6.1	60	92
12) Chloromethane	ND	1	ND	ND	ND	-	-	-
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	56	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	96
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	58	6.1	60	107
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	62	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) Trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) Trans-1,2-Dichloroethylene	ND	1	ND	67	69	ND	60	112
29) 1,1,1-Trichloroethane	ND	1	ND	64	65	6.1	60	97
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	100
31) Trichloroethene	ND	1	ND	61	62	36	60	55
32) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
33) Vinyl chloride	ND	1	ND	60	60	ND	60	100
34) o-Xylene	ND	1	ND	65	66	ND	60	108
35) m,p-Xylene	ND	1	ND	132	134	ND	120	110

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

3/3/87

LAB # 51335Y

Client: Texaco, Inc.

Spl Location: Trip Blank Off Site

Spl Coll'd: 2/11/87

Sample Rec'd: 2/11/87

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #51335M 1st ug/l	2nd ug/l	QC MATRIX SPI Lab #51335M Spl ug/l	Conc. Added ug/l	% Rec
1) Acrolein	ND	100	ND	ND	ND	–	–	–
2) Acrylonitrile	ND	100	ND	ND	ND	–	–	–
3) Benzene	ND	1	ND	57	55	ND	60	95
4) Bromodichloromethane	ND	1	ND	59	57	ND	60	95
5) Bromoform	ND	1	ND	59	54	ND	60	90
6) Bromomethane	ND	1	ND	ND	ND	–	–	–
7) Carbon tetrachloride	ND	1	ND	58	57	ND	60	95
8) Chlorobenzene	ND	1	ND	59	59	ND	60	98
9) Chloroethane	ND	1	ND	54	34	ND	60	57
10) 2-Chloroethylvinyl ether	ND	1	ND	ND	ND	–	–	–
11) Chloroform	ND	1	ND	59	58	6.1	60	92
12) Chloromethane	ND	1	ND	ND	ND	–	–	–
13) Cis-1,3-dichloropropene	ND	1	ND	14	14	ND	13	108
14) Dibromochloromethane	ND	1	ND	57	58	ND	60	95
15) 1,2-Dichlorobenzene	ND	10	ND	66	69	ND	60	110
16) 1,3-Dichlorobenzene	ND	10	ND	66	66	ND	60	110
17) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
18) 1,1-Dichloroethane	ND	1	ND	64	57	ND	60	95
19) 1,2-Dichloroethane	ND	1	ND	59	63	ND	60	98
20) 1,1-Dichloroethene	ND	1	ND	64	60	6.1	60	97
21) 1,2-Dichloropropane	ND	1	ND	53	52	ND	60	88
22) Ethylbenzene	ND	1	ND	61	62	ND	60	102
23) Methylene chloride	ND	1	ND	63	64	ND	60	105
24) 1,1,2,2-Tetrachloroethane	ND	1	ND	59	63	ND	60	98
25) Tetrachloroethene	ND	1	ND	62	66	ND	60	103
26) Toluene	ND	1	ND	61	63	ND	60	102
27) trans-1,3-Dichloropropene	ND	1	ND	48	48	ND	47	102
28) trans-1,2-Dichloroethylene	ND	1	ND	67	69	15	60	87
29) 1,1,1-Trichloroethane	ND	1	ND	64	65	8.2	60	93
30) 1,1,2-Trichloroethane	ND	1	ND	60	59	ND	60	98
31) Trichloroethene	ND	1	ND	61	62	25	60	93
32) Trichlorofluoromethane	ND	1	ND	ND	ND	–	–	–
33) Vinyl chloride	ND	1	ND	60	66	ND	60	110
34) o,p Xylene	ND	1	ND	65	68	ND	60	108
35) o,p Xylene	ND	1	ND	132	136	ND	120	111

For Enviroteast Laboratories, Inc.

Ronald A. Beyer
President

2/3/87

APPENDIX B

Pre-Remedial Groundwater Sampling Schedule
and
Summary of Pre-Remedial Monitoring

APPENDIX B

TEXACO RESEARCH CENTER BEACON
CERCLA NO. 3-0731
PRE-REMEDIAL GROUNDWATER SAMPLING

	6/18/81	10/9/81	3/18/82	6/3/82	2/24/83	1/16/84	6/18/84	7/15/85
UB-5	X	X	X		X		X	X
DB-6A	X	X	X		X	X	X	X
DB-7	X	X	X		X		X	X
DB-8	X	X	X		X		X	X
DB-10			X		X	X	X	X
DB-11			X		X	X	X	X
DB-13			X		X		X	X
DB-14			X		X		X	X
DB-17			X		X	X	X	
DB-20				X	X			
DB-21				X	X			X
DB-31							X	X
UC-1							X	X
DC-1							X	X
DC-2							X	X

APPENDIX B

SUMMARY OF PRE-REMEDIAL MONITORING
CERCLA No. 3-0731

Texaco Research Center Beacon

Appendix B contains a summary of pre-remedial monitoring data based on the frequency (Fr) of compound detections per times sought. The parameter list consists of only chemicals which were ever detected at or above their method detection limit.

These tables present, per well per parameter, the maximum concentration detected (Max), the minimum concentration observed (Min) and the most recent analytical result (MRAR). Upper case code letters as superscript or in parentheses indicate the following schedule of sampling events:

A	June 18, 1981
B	October 9, 1981
C	March 18, 1982
D	June 3, 1982
E	February 24, 1983
F	January 16, 1984
G	June 18, 1984
H.	July 15, 1985

Rounds of sampling lasting more than one day are referred to only by the first day of the round.

	Parameter	UB-5 Fr	Max	Min	MRAR[H]
	benzene	0/3	ND	ND	ND
	bromoform	0/5	ND	ND	ND
	bromomethane	0/5	ND	ND	ND
	carbon tetrachloride	0/5	ND	ND	ND
	chlorobenzene	0/5	ND	ND	ND
	chloroethane	0/5	ND	ND	ND
	chloroform	1/5	1(C)	ND	ND
	chloromethane	1/5	2(C)	ND	ND
	dibromochloromethane	0/5	ND	ND	ND
1,2-	dichlorobenzene	0/5	ND	ND	ND
1,1-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethene, trans	0/5	ND	ND	ND
1.2-	dichloropropane	0/5	ND	ND	ND
1,3-	dichloropropene, trans	0/5	ND	ND	ND
	methylene chloride	1/5	11(G)	ND	ND
	phenol	0/2	ND	ND	ND
	phenolics	1/6	2(A)	ND	ND
1,1,2,2-	tetrachloroethane	0/5	ND	ND	ND
	tetrachloroethene	0/5	ND	ND	ND
	toluene	1/3	26(G)	ND	ND
1,1,1-	trichloroethane	0/5	ND	ND	ND
1,1,2-	trichloroethane	0/5	ND	ND	ND
	trichlorofluoromethane	0/5	ND	ND	ND
	trichloroethene	0/5	ND	ND	ND

	Parameter	DB-6A Fr	Max	Min	MRAR[H]
	benzene	0/3	ND	ND	ND
	bromoform	0/6	ND	ND	ND
	bromomethane	0/6	ND	ND	ND
	carbon tetrachloride	0/6	ND	ND	ND
	chlorobenzene	0/6	ND	ND	ND
	chloroethane	1/6	1(C)	ND	ND
	chloroform	0/6	ND	ND	ND
	chloromethane	1/6	2(C)	ND	ND
	dibromochloromethane	0/6	ND	ND	ND
1,2-	dichlorobenzene	0/6	ND	ND	ND
1,1-	dichloroethane	0/6	ND	ND	ND
1,2-	dichloroethane	0/6	ND	ND	ND
1,2-	dichloroethene, trans	0/6	ND	ND	ND
1.2-	dichloropropane	0/6	ND	ND	ND
1,3-	dichloropropene, trans	0/6	ND	ND	ND
	methylene chloride	0/6	ND	ND	ND
	phenol	0/2	ND	ND	ND
	phenolics	1/7	1(A)	ND	ND
1,1,2,2-	tetrachloroethane	0/6	ND	ND	ND
	tetrachloroethene	1/6	1(C)	ND	ND
	toluene	0/3	ND	ND	ND
1,1,1-	trichloroethane	2/6	3(C)	ND	ND
1,1,2-	trichloroethane	0/6	ND	ND	ND
	trichlorofluoromethane	0/6	ND	ND	ND
	trichloroethene	0/6	ND	ND	ND

	Parameter	DB-7 Fr	Max	Min	MRAR[H]
	benzene	0/3	ND	ND	ND
	bromoform	1/5	7(C)	ND	ND
	bromomethane	0/5	ND	ND	ND
	carbon tetrachloride	0/5	ND	ND	ND
	chlorobenzene	2/5	18(B)	ND	ND
	chloroethane	1/5	2(C)	ND	ND
	chloroform	2/5	16(E)	ND	ND
	chloromethane	1/5	2(C)	ND	ND
	dibromochloromethane	0/5	ND	ND	ND
1,2-	dichlorobenzene	0/5	ND	ND	ND
1,1-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethene, trans	4/5	23(E)	ND(G)	3
1.2-	dichloropropane	5/5	63(B)	4(C)	10
1,3-	dichloropropene, trans	0/5	ND	ND	ND
	methylene chloride	0/5	ND	ND	ND
	phenol	1/2	823(E)	ND	ND
	phenolics	3/6	1230(A)	ND	ND
1,1,2,2-	tetrachloroethane	3/5	99(E)	ND	ND
	tetrachloroethene	3/5	32(E)	ND	ND
	toluene	0/3	ND	ND	ND
1,1,1-	trichloroethane	1/5	1(C)	ND	ND
1,1,2-	trichloroethane	1/5	5(B)	ND	ND
	trichlorofluoromethane	0/5	ND	ND	ND
	trichloroethene	4/5	67(E)	ND	36

	Parameter	DB-8 Fr	Max	Min	MRAR[H]
	benzene	0/3	ND	ND	ND
	bromoform	1/5	1(C)	ND	ND
	bromomethane	0/5	ND	ND	ND
	carbon tetrachloride	1/5	2(C)	ND	ND
	chlorobenzene	0/5	ND	ND	ND
	chloroethane	0/5	ND	ND	ND
	chloroform	5/5	64(C)	9(H)	9
	chloromethane	1/5	2(C)	ND	ND
	dibromochloromethane	1/5	4(C)	ND	ND
1,2-	dichlorobenzene	1/5	1(C)	ND	ND
1,1-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethene, trans	1/5	2(B)	ND	ND
1.2-	dichloropropane	2/5	14(B)	ND	ND
1,3-	dichloropropene, trans	0/5	ND	ND	ND
	methylene chloride	0/5	ND	ND	ND
	phenol	0/2	ND	ND	ND
	phenolics	1/6	1(B)	ND	ND
1,1,2,2-	tetrachloroethane	0/5	ND	ND	ND
	tetrachloroethene	1/5	1(C)	ND	ND
	toluene	0/3	ND	ND	ND
1,1,1-	trichloroethane	2/5	4(B)	ND	ND
1,1,2-	trichloroethane	0/5	ND	ND	ND
	trichlorofluoromethane	0/5	ND	ND	ND
	trichloroethene	3/5	650(B)	ND	ND

	Parameter	DB-10 Fr	Max	Min	MRAR[H]
	benzene	0/3	ND	ND	ND
	bromoform	0/5	ND	ND	ND
	bromomethane	1/5	2(C)	ND	ND
	carbon tetrachloride	1/5	11(E)	ND	ND
	chlorobenzene	1/5	2(C)	ND	ND
	chloroethane	1/5	2(C)	ND	ND
	chloroform	2/5	46(E)	ND	ND
	chloromethane	1/5	1(C)	ND	ND
	dibromochloromethane	0/5	ND	ND	ND
1,2-	dichlorobenzene	0/5	ND	ND	ND
1,1-	dichloroethane	2/5	4(C)	ND	ND
1,2-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethene, trans	1/5	545(C)	ND	ND
1.2-	dichloropropane	5/5	246(G)	ND	ND
1,3-	dichloropropene, trans	0/5	ND	ND	ND
	methylene chloride	2/5	68(C)	ND	ND
	phenol	0/2	ND	ND	ND
	phenolics	2/5	2(C,F)	ND	ND
1,1,2,2-	tetrachloroethane	1/5	2(C)	ND	ND
	tetrachloroethene	0/5	ND	ND	ND
	toluene	0/3	ND	ND	ND
1,1,1-	trichloroethane	1/5	83(C)	ND	ND
1,1,2-	trichloroethane	0/5	ND	ND	ND
	trichlorofluoromethane	1/5	8(C)	ND	ND
	trichloroethene	0/5	ND	ND	ND

	Parameter	DB-11 Fr	Max	Min	MRAR[H]
	benzene	0/3	ND	ND	ND
	bromoform	0/5	ND	ND	ND
	bromomethane	0/5	ND	ND	ND
	carbon tetrachloride	0/5	ND	ND	ND
	chlorobenzene	0/5	ND	ND	ND
	chloroethane	0/5	ND	ND	ND
	chloroform	1/5	1(F)	ND	ND
	chloromethane	1/5	3(C)	ND	ND
	dibromochloromethane	0/5	ND	ND	ND
1,2-	dichlorobenzene	0/5	ND	ND	ND
1,1-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethane	0/5	ND	ND	ND
1,2-	dichloroethene, trans	0/5	ND	ND	ND
1.2-	dichloropropane	0/5	ND	ND	ND
1,3-	dichloropropene, trans	0/5	ND	ND	ND
	methylene chloride	0/5	ND	ND	ND
	phenol	0/2	ND	ND	ND
	phenolics	0/5	ND	ND	ND
1,1,2,2-	tetrachloroethane	0/5	ND	ND	ND
	tetrachloroethene	0/5	ND	ND	ND
	toluene	0/3	ND	ND	ND
1,1,1-	trichloroethane	0/5	ND	ND	ND
1,1,2-	trichloroethane	0/5	ND	ND	ND
	trichlorofluoromethane	0/5	ND	ND	ND
	trichloroethene	0/5	ND	ND	ND

	Parameter	DB-13 Fr	Max	Min	MRAR[H]
	benzene	2/3	58(E)	ND	8
	bromoform	1/4	5(C)	ND	ND
	bromomethane	0/4	ND	ND	ND
	carbon tetrachloride	3/4	486(G)	ND	223
	chlorobenzene	0/4	ND	ND	ND
	chloroethane	0/4	ND	ND	ND
	chloroform	3/4	719(E)	ND	658
	chloromethane	1/4	2(C)	ND	ND
	dibromochloromethane	0/4	ND	ND	ND
1,2-	dichlorobenzene	1/4	1(C)	ND	ND
1,1-	dichloroethane	1/4	2(C)	ND	ND
1,2-	dichloroethane	1/4	9(C)	ND	ND
1,2-	dichloroethene, trans	1/4	468(C)	ND	ND
1.2-	dichloropropane	0/4	ND	ND	ND
1,3-	dichloropropene, trans	0/4	ND	ND	ND
	methylene chloride	1/4	6(H)	ND	6
	phenol	2/2	58200(E)	1190(H)	1190
	phenolics	4/4	197000(E)	22(C)	19000
1,1,2,2-	tetrachloroethane	0/4	ND	ND	ND
	tetrachloroethene	2/4	151(H)	ND	151
	toluene	2/3	170(E)	ND	93
1,1,1-	trichloroethane	4/4	960(C)	7(H)	7
1,1,2-	trichloroethane	0/4	ND	ND	ND
	trichlorofluoromethane	2/4	56(C)	ND	ND
	trichloroethene	0/4	ND	ND	ND

	Parameter	DB-14 Fr	Max	Min	MRAR[H]
	benzene	0/3	ND	ND	ND
	bromoform	0/4	ND	ND	ND
	bromomethane	0/4	ND	ND	ND
	carbon tetrachloride	0/4	ND	ND	ND
	chlorobenzene	0/4	ND	ND	ND
	chloroethane	0/4	ND	ND	ND
	chloroform	0/4	ND	ND	ND
	chloromethane	1/4	1(C)	ND	ND
	dibromochloromethane	0/4	ND	ND	ND
1,2-	dichlorobenzene	0/4	ND	ND	ND
1,1-	dichloroethane	0/4	ND	ND	ND
1,2-	dichloroethane	0/4	ND	ND	ND
1,2-	dichloroethene, trans	0/4	ND	ND	ND
1.2-	dichloropropane	0/4	ND	ND	ND
1,3-	dichloropropene, trans	0/4	ND	ND	ND
	methylene chloride	0/4	ND	ND	ND
	phenol	0/2	ND	ND	ND
	phenolics	0/4	ND	ND	ND
1,1,2,2-	tetrachloroethane	0/4	ND	ND	ND
	tetrachloroethene	0/4	ND	ND	ND
	toluene	0/3	ND	ND	ND
1,1,1-	trichloroethane	1/4	1(C)	ND	ND
1,1,2-	trichloroethane	0/4	ND	ND	ND
	trichlorofluoromethane	0/4	ND	ND	ND
	trichloroethene	0/4	ND	ND	ND

	Parameter	DB-17 Fr	Max	Min	MRAR[G]
	benzene	1/2	12(G)	ND	12
	bromoform	0/4	ND	ND	ND
	bromomethane	1/4	10(C)	ND	ND
	carbon tetrachloride	1/4	59(E)	ND	ND
	chlorobenzene	1/4	2(F)	ND	ND
	chloroethane	1/4	1(C)	ND	ND
	chloroform	4/4	256(C)	146(E)	171
	chloromethane	1/4	4(C)	ND	ND
	dibromochloromethane	0/4	ND	ND	ND
1,2-	dichlorobenzene	0/4	ND	ND	ND
1,1-	dichloroethane	1/4	2(C)	ND	ND
1,2-	dichloroethane	1/4	11(F)	ND	ND
1,2-	dichloroethene, trans	0/4	ND	ND	ND
1.2-	dichloropropane	2/4	5(F)	ND	ND
1,3-	dichloropropene, trans	2/4	7(F)	ND	ND
	methylene chloride	2/4	4(C)	ND	ND
	phenol	1/1	8800(E)	8800(E)	8800(E)
	phenolics	4/4	14200(E)	213(C)	4500
1,1,2,2-	tetrachloroethane	1/4	14(F)	ND	ND
	tetrachloroethene	2/4	18(G)	ND	18
	toluene	1/2	15(G)	ND	15
1,1,1-	trichloroethane	3/4	718(C)	ND	ND
1,1,2-	trichloroethane	0/4	ND	ND	ND
	trichlorofluoromethane	2/4	30(C)	ND	ND
	trichloroethene	2/4	2(F)	ND	ND

	Parameter	DB-20 Fr	Max	Min	MRAR[E]
	benzene	0/1	ND	ND	ND
	bromoform	0/2	ND	ND	ND
	bromomethane	0/2	ND	ND	ND
	carbon tetrachloride	0/2	ND	ND	ND
	chlorobenzene	0/2	ND	ND	ND
	chloroethane	1/2	3(D)	ND	ND
	chloroform	0/2	ND	ND	ND
	chloromethane	1/2	2(D)	ND	ND
	dibromochloromethane	0/2	ND	ND	ND
1,2-	dichlorobenzene	1/2	1(D)	ND	ND
1,1-	dichloroethane	0/2	ND	ND	ND
1,2-	dichloroethane	0/2	ND	ND	ND
1,2-	dichloroethene, trans	0/2	ND	ND	ND
1.2-	dichloropropane	0/2	ND	ND	ND
1,3-	dichloropropene, trans	0/2	ND	ND	ND
	methylene chloride	0/2	ND	ND	ND
	phenol	0/0	ND	ND	ND
	phenolics	0/1	ND	ND	ND
1,1,2,2-	tetrachloroethane	0/2	ND	ND	ND
	tetrachloroethene	0/2	ND	ND	ND
	toluene	0/1	ND	ND	ND
1,1,1-	trichloroethane	2/2	46(E)	1(D)	46
1,1,2-	trichloroethane	0/2	ND	ND	ND
	trichlorofluoromethane	0/2	ND	ND	ND
	trichloroethene	0/2	ND	ND	ND

	Parameter	DB-21 Fr	Max	Min	MRAR[H]
	benzene	0/2	ND	ND	ND
	bromoform	1/3	1(D)	ND	ND
	bromomethane	0/3	ND	ND	ND
	carbon tetrachloride	0/3	ND	ND	ND
	chlorobenzene	0/3	ND	ND	ND
	chloroethane	0/3	ND	ND	ND
	chloroform	0/3	ND	ND	ND
	chloromethane	1/3	1(D)	ND	ND
	dibromochloromethane	0/3	ND	ND	ND
1,2-	dichlorobenzene	0/3	ND	ND	ND
1,1-	dichloroethane	1/3	1(D)	ND	ND
1,2-	dichloroethane	1/3	1(D)	ND	ND
1,2-	dichloroethene, trans	1/3	8(D)	ND	ND
1.2-	dichloropropane	2/3	49(D)	ND	ND
1,3-	dichloropropene, trans	0/3	ND	ND	ND
	methylene chloride	0/3	ND	ND	ND
	phenol	0/1	ND	ND	ND
	phenolics	0/1	ND	ND	ND(E)
1,2,2-	tetrachloroethane	0/3	ND	ND	ND
	tetrachloroethene	1/3	1(D)	ND	ND
	toluene	0/2	ND	ND	ND
1,1,1-	trichloroethane	1/3	1(D)	ND	ND
1,1,2-	trichloroethane	0/3	ND	ND	ND
	trichlorofluoromethane	0/3	ND	ND	ND
	trichloroethene	1/3	4(D)	ND	ND

	Parameter	DB-31 Fr	Max	Min	MRAR[H]
	benzene	0/2	ND	ND	ND
	bromoform	0/2	ND	ND	ND
	bromomethane	0/2	ND	ND	ND
	carbon tetrachloride	0/2	ND	ND	ND
	chlorobenzene	0/2	ND	ND	ND
	chloroethane	0/2	ND	ND	ND
	chloroform	0/2	ND	ND	ND
	chloromethane	0/2	ND	ND	ND
	dibromochloromethane	0/2	ND	ND	ND
1,2-	dichlorobenzene	0/2	ND	ND	ND
1,1-	dichloroethane	0/2	ND	ND	ND
1,2-	dichloroethane	0/2	ND	ND	ND
1,2-	dichloroethene, trans	0/2	ND	ND	ND
1.2-	dichloropropane	0/2	ND	ND	ND
1,3-	dichloropropene, trans	0/2	ND	ND	ND
	methylene chloride	0/2	ND	ND	ND
	phenol	0/1	ND	ND	ND
	phenolics	0/2	ND	ND	ND
1,2,2-	tetrachloroethane	0/2	ND	ND	ND
	tetrachloroethene	0/2	ND	ND	ND
	toluene	0/2	ND	ND	ND
1,1,1-	trichloroethane	0/2	ND	ND	ND
1,1,2-	trichloroethane	0/2	ND	ND	ND
	trichlorofluoromethane	0/2	ND	ND	ND
	trichloroethene	0/2	ND	ND	ND

	Parameter	UC-1 Fr	Max	Min	MRAR[H]
	benzene	0/1	ND	ND	ND
	bromoform	0/1	ND	ND	ND
	bromomethane	0/1	ND	ND	ND
	carbon tetrachloride	0/1	ND	ND	ND
	chlorobenzene	0/1	ND	ND	ND
	chloroethane	0/1	ND	ND	ND
	chloroform	0/1	ND	ND	ND
	chloromethane	0/1	ND	ND	ND
	dibromochloromethane	0/1	ND	ND	ND
1,2-	dichlorobenzene	0/1	ND	ND	ND
1,1-	dichloroethane	0/1	ND	ND	ND
1,2-	dichloroethane	0/1	ND	ND	ND
1,2-	dichloroethene, trans	0/1	ND	ND	ND
1.2-	dichloropropane	0/1	ND	ND	ND
1,3-	dichloropropene, trans	0/1	ND	ND	ND
	methylene chloride	0/1	ND	ND	ND
	phenol	0/1	ND	ND	ND
	phenolics	0/2	ND	ND	ND
1,2,2-	tetrachloroethane	0/1	ND	ND	ND
	tetrachloroethene	0/1	ND	ND	ND
	toluene	0/1	ND	ND	ND
1,1,1-	trichloroethane	0/1	ND	ND	ND
1,1,2-	trichloroethane	0/1	ND	ND	ND
	trichlorofluoromethane	0/1	ND	ND	ND
	trichloroethene	0/1	ND	ND	ND

	Parameter	DC-1 Fr	Max	Min	MRAR[H]
	benzene	0/2	ND	ND	ND
	bromoform	0/2	ND	ND	ND
	bromomethane	0/2	ND	ND	ND
	carbon tetrachloride	0/2	ND	ND	ND
	chlorobenzene	0/2	ND	ND	ND
	chloroethane	0/2	ND	ND	ND
	chloroform	0/2	ND	ND	ND
	chloromethane	0/2	ND	ND	ND
	dibromochloromethane	0/2	ND	ND	ND
1,2-	dichlorobenzene	0/2	ND	ND	ND
1,1-	dichloroethane	1/2	5(H)	ND	5
1,2-	dichloroethane	0/2	ND	ND	ND
1,2-	dichloroethene, trans	1/1	7(H)	ND	7
1.2-	dichloropropane	0/2	ND	ND	ND
1,3-	dichloropropene, trans	0/2	ND	ND	ND
	methylene chloride	0/2	ND	ND	ND
	phenol	0/1	ND	ND	ND
	phenolics	0/2	ND	ND	ND
1,2,2-	tetrachloroethane	0/2	ND	ND	ND
	tetrachloroethene	0/2	ND	ND	ND
	toluene	0/2	ND	ND	ND
1,1,1-	trichloroethane	1/2	6(H)	ND	6
1,1,2-	trichloroethane	0/2	ND	ND	ND
	trichlorofluoromethane	0/2	ND	ND	ND
	trichloroethene	2/2	27(H)	10(G)	27

	Parameter	DC-2 Fr	Max	Min	MRAR[H]
	benzene	0/1	ND	ND	ND
	bromoform	0/1	ND	ND	ND
	bromomethane	0/1	ND	ND	ND
	carbon tetrachloride	0/1	ND	ND	ND
	chlorobenzene	0/1	ND	ND	ND
	chloroethane	0/1	ND	ND	ND
	chloroform	0/1	ND	ND	ND
	chloromethane	0/1	ND	ND	ND
	dibromochloromethane	0/1	ND	ND	ND
1,2-	dichlorobenzene	0/1	ND	ND	ND
1,1-	dichloroethane	0/1	ND	ND	ND
1,2-	dichloroethane	0/1	ND	ND	ND
1,2-	dichloroethene, trans	0/1	ND	ND	ND
1.2-	dichloropropane	0/1	ND	ND	ND
1,3-	dichloropropene, trans	0/1	ND	ND	ND
	methylene chloride	0/1	ND	ND	ND
	phenol	0/1	ND	ND	ND
	phenolics	0/2	ND	ND	ND
1,2,2-	tetrachloroethane	0/1	ND	ND	ND
	tetrachloroethene	0/1	ND	ND	ND
	toluene	0/1	ND	ND	ND
1,1,1-	trichloroethane	1/1	ND	ND	ND
1,1,2-	trichloroethane	0/1	ND	ND	ND
	trichlorofluoromethane	0/1	ND	ND	ND
	trichloroethene	0/1	ND	ND	ND

LAB # 49889

Client: Texaco Research Center

Spls Coll'd: 12/11-12/86 Spls Rec'd: 12/11-12/86

EPA Method 625 Acid Extractables GC/MS

SAMPLE ID	RESULTS		BLANK	QC REPLICATE		QC MATRIX SPI		
	Phenol ug/l	MDL ug/l	Conc. ug/l	1st ug/l	2nd ug/l	Spl ug/l	Conc. Added ug/l	% Rec
OS-1	ND	10	ND	ND	ND	–	–	–
OS-2	ND	10	ND	29	31	ND	50	62
OS-3	ND	10	ND	–	–	–	–	–
OS-4	ND	10	ND	–	–	–	–	–
OS-4 Pour Blank	ND	10	ND	–	–	–	–	–
OR-1	ND	10	ND	–	–	–	–	–
OR-2	ND	10	ND	–	–	–	–	–
OR-3	ND	10	ND	–	–	–	–	–
OR-4	ND	10	ND	–	–	–	–	–
DC-1	ND	10	ND	–	–	–	–	–
UB-5	ND	10	ND	–	–	–	–	–
DB-11	ND	10	ND	21	22	ND	50	44
DB-7A	ND	10	ND	–	–	–	–	–
DB-10A	ND	10	ND	–	–	–	–	–
DB-8A	ND	10	ND	–	–	–	–	–
UC-1	ND	10	ND	ND	ND	–	–	–
UC-1 Pour Blank	ND	10	ND	–	–	–	–	–
DB-6A	ND	10	ND	–	–	–	–	–
DB-13A	DRY	–	–	–	–	–	–	–

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889A

Client: Texaco Research Center Spl Location: OS-1

Spl Coll'd: 12/11/86 Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 49889B

Client: Texaco Research Center

Spl Location: OS-2

Spl Coll'd: 12/11/86

Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	QC REPLICATE Lab #49889F 2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	QC MATRIX SPK Lab #49889F Conc. Added ug/l	QC MATRIX SPK Lab #49889F % Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889C

Client: Texaco Research Center

Spl Location: OS-3

Spl Coll'd: 12/11/86

Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	QC REPLICATE Lab #49889F 2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	QC MATRIX SPK Lab #49889F Conc. Added ug/l	QC MATRIX SPK Lab #49889F % Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889D

Client: Texaco Research Center

Spl Location: OS-4

Spl Coll'd: 12/11/86

Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	QC REPLICATE Lab #49889F 2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	QC MATRIX SPK Lab #49889F Conc. Added ug/l	QC MATRIX SPK Lab #49889F % Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1.1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889E

Client: Texaco Research Center

Spl Location: OS-4 Four Blank

Spl Coll'd: 12/11/86

Sample Rec'd: 12/11/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	QC REPLICATE Lab #49889F 2nd ug/l	QC MATRIX SPL Lab #49889F Spl ug/l	QC MATRIX SPL Lab #49889F Conc. Added ug/l	QC MATRIX SPL Lab #49889F % Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889F

Client: Texaco Research Center Spl Location: OR-1

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889G

Client: Texaco Research Center

Spl Location: OR-2

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l		MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND		1	ND	59	58	ND	60	98
2) Chloroform	ND		1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND		1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND		1	ND	60	61	ND	60	100
5) Trichloroethylene	ND		1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889H

Client: Texaco Research Center

Spl Location: OR-3

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	Conc. Added ug/l	% Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889I

Client: Texaco Research Center

Spl Location: OR-4

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889F 1st ug/l	QC REPLICATE Lab #49889F 2nd ug/l	QC MATRIX SPK Lab #49889F Spl ug/l	QC MATRIX SPK Lab #49889F Conc. Added ug/l	QC MATRIX SPK Lab #49889F % Rec
1) Carbon tetrachloride	ND	1	ND	59	58	ND	60	98
2) Chloroform	ND	1	ND	62	58	ND	60	103
3) 1,2-Dichloropropane	ND	1	ND	65	82	ND	60	108
4) 1,1,1-trichloroethane	ND	1	ND	60	61	ND	60	100
5) Trichloroethylene	ND	1	ND	64	73	ND	60	107

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889J

Client: Texaco Research Center

Spl Location: DC-1

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 49889K

Client: Texaco Research Center

Spl Location: UB-5

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	QC REPLICATE Lab #49889M 2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	QC MATRIX SPK Lab #49889M Conc. Added ug/l	QC MATRIX SPK Lab #49889M % Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 49889L

Client: Texaco Research Center Spl Location: DB-11

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889M

Client: Texaco Research Center Spl Location: DB-7A

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889N

Client: Texaco Research Center

Spl Location: DB-10A

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 498890

Client: Texaco Research Center Spl Location: DB-8A

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	9E
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	10[illegible]
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	–	–	–
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	–	–	–
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	10E
9) Chloroform	200	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	–	–	–
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	–	–	–
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	10E
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	7E
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	10E
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	18	1	ND	77	79	ND	60	12E
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	–	–	–
29) Trichloroethene	32	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	–	–	–
31) Vinyl chloride	ND	1	ND	ND	ND	–	–	–
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889F

Client: Texaco Research Center Spl Location: UC-1

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPI Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 498890

Client: Texaco Research Center

Spl Location: UC-1 Four Blank

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889R

Client: Texaco Research Center Spl Location: DB-6A

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	QC REPLICATE Lab #49889M 2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	QC MATRIX SPK Lab #49889M Conc. Added ug/l	QC MATRIX SPK Lab #49889M % Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	106
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

LAB # 49889S

Client: Texaco Research Center Spl Location: DB-13A DRY

Spl Coll'd: 12/12/86 Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	-	-	-	-	-	-	-	-
2) Bromodichloromethane	-	-	-	-	-	-	-	-
3) Bromoform	-	-	-	-	-	-	-	-
4) Bromomethane	-	-	-	-	-	-	-	-
5) Carbon tetrachloride	-	-	-	-	-	-	-	-
6) Chlorobenzene	-	-	-	-	-	-	-	-
7) Chloroethane	-	-	-	-	-	-	-	-
8) 2-Chloroethylvinyl ether	-	-	-	-	-	-	-	-
9) Chloroform	-	-	-	-	-	-	-	-
10) Chloromethane	-	-	-	-	-	-	-	-
11) Cis-1,3-dichloropropene	-	-	-	-	-	-	-	-
12) Dibromochloromethane	-	-	-	-	-	-	-	-
13) 1,2-Dichlorobenzene	-	-	-	-	-	-	-	-
14) 1,3-Dichlorobenzene	-	-	-	-	-	-	-	-
15) 1,4-Dichlorobenzene	-	-	-	-	-	-	-	-
16) 1,1-Dichloroethane	-	-	-	-	-	-	-	-
17) 1,2-Dichloroethane	-	-	-	-	-	-	-	-
18) 1,1-Dichloroethene	-	-	-	-	-	-	-	-
19) 1,2-Dichloropropane	-	-	-	-	-	-	-	-
20) Ethylbenzene	-	-	-	-	-	-	-	-
21) Methylene chloride	-	-	-	-	-	-	-	-
22) 1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-
23) Tetrachloroethene	-	-	-	-	-	-	-	-
24) Toluene	-	-	-	-	-	-	-	-
25) trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-
26) trans-1,2-Dichloroethylene	-	-	-	-	-	-	-	-
27) 1,1,1-Trichloroethane	-	-	-	-	-	-	-	-
28) 1,1,2-Trichloroethane	-	-	-	-	-	-	-	-
29) Trichloroethene	-	-	-	-	-	-	-	-
30) Trichlorofluoromethane	-	-	-	-	-	-	-	-
31) Vinyl chloride	-	-	-	-	-	-	-	-
32) m-Xylene	-	-	-	-	-	-	-	-
33) o,p-Xylene	-	-	-	-	-	-	-	-

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 49889T

Client: Texaco Research Center

Spl Location: On Site Trip Blank

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPK Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	9[illegible]
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	10[illegible]
3) Bromoform	ND	1	ND	64	64	ND	60	10[illegible]
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	10[illegible]
6) Chlorobenzene	ND	1	ND	60	58	ND	60	10[illegible]
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	10[illegible]
9) Chloroform	ND	1	ND	61	64	ND	60	10[illegible]
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	12[illegible]
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	10[illegible]
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	10[illegible]
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	11[illegible]
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	10[illegible]
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	11[illegible]
20) Ethylbenzene	ND	1	ND	61	55	ND	60	10[illegible]
21) Methylene chloride	ND	1	ND	68	68	ND	60	11[illegible]
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	10[illegible]
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	7[illegible]
24) Toluene	ND	1	ND	55	49	ND	60	9[illegible]
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	10[illegible]
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	9[illegible]
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	12[illegible]
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	11[illegible]
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	10[illegible]
33) o,p-Xylene	ND	1	ND	121	128	ND	120	10[illegible]

For EnviroTest Laboratories, Inc.

Ronald A. Beyer
President

LAB # 49889U

Client: Texaco Research Center

Spl Location: Off Site Trip Blank

Spl Coll'd: 12/12/86

Sample Rec'd: 12/12/86

EPA Method 624 Volatile Organics Purge & Trap GC/MS

COMPOUND	RESULTS Sample Concen. ug/l	MDL ug/l	BLANK Conc. ug/l	QC REPLICATE Lab #49889M 1st ug/l	2nd ug/l	QC MATRIX SPL Lab #49889M Spl ug/l	Conc. Added ug/l	% Rec
1) Benzene	ND	1	ND	56	59	ND	60	98
2) Bromodichloromethane	ND	1	ND	60	61	ND	60	100
3) Bromoform	ND	1	ND	64	64	ND	60	107
4) Bromomethane	ND	1	ND	ND	ND	-	-	-
5) Carbon tetrachloride	ND	1	ND	64	77	ND	60	107
6) Chlorobenzene	ND	1	ND	60	58	ND	60	100
7) Chloroethane	ND	1	ND	ND	ND	-	-	-
8) 2-Chloroethylvinyl ether	ND	1	ND	65	67	ND	60	108
9) Chloroform	ND	1	ND	61	64	ND	60	102
10) Chloromethane	ND	1	ND	ND	ND	-	-	-
11) Cis-1,3-dichloropropene	ND	1	ND	14	15	ND	11	127
12) Dibromochloromethane	ND	1	ND	63	63	ND	60	105
13) 1,2-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
14) 1,3-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
15) 1,4-Dichlorobenzene	ND	10	ND	ND	ND	-	-	-
16) 1,1-Dichloroethane	ND	1	ND	63	69	ND	60	105
17) 1,2-Dichloroethane	ND	1	ND	66	72	ND	60	110
18) 1,1-Dichloroethene	ND	1	ND	60	62	ND	60	100
19) 1,2-Dichloropropane	ND	1	ND	70	71	ND	60	117
20) Ethylbenzene	ND	1	ND	61	55	ND	60	102
21) Methylene chloride	ND	1	ND	68	68	ND	60	113
22) 1,1,2,2-Tetrachloroethane	ND	1	ND	65	68	ND	60	108
23) Tetrachloroethene	ND	1	ND	47	45	ND	60	78
24) Toluene	ND	1	ND	55	49	ND	60	92
25) trans-1,3-Dichloropropene	ND	1	ND	52	54	ND	49	102
26) trans-1,2-Dichloroethylene	ND	1	ND	58	57	ND	60	97
27) 1,1,1-Trichloroethane	ND	1	ND	77	79	ND	60	128
28) 1,1,2-Trichloroethane	ND	1	ND	ND	ND	-	-	-
29) Trichloroethene	ND	1	ND	70	70	ND	60	116
30) Trichlorofluoromethane	ND	1	ND	ND	ND	-	-	-
31) Vinyl chloride	ND	1	ND	ND	ND	-	-	-
32) m-Xylene	ND	1	ND	61	61	ND	60	102
33) o,p-Xylene	ND	1	ND	121	128	ND	120	101

For EnviroTest Laboratories, Inc.

Ronald A. Bayer
President

Pond 5

TABLE 1

Texaco, Inc.
Beacon, New York

Off-Site and Post-Remedial Groundwater
Sampling and Analysis Program

STATIC WATER LEVEL MEASUREMENTS

Sample Date	Location	Static Water Level (Ft.) Before Exercising	After Exercising
12/11/86	OS-4	0'	0'
12/11/86	OS-1	15' 7" 15.6	16' 5"
12/11/86	OS-2	5" 7" 5.6	5' 7"
12/11/86	OS-3	2'	2'
12/12/86	OR-4	40' 6" 40.5	40' 6"
12/12/86	OR-1	16'	16' 6"
12/12/86	OR-2	11' 9" 11.8	13' 8"
12/12/86	OR-3	33' 1" 33.1	33' 6"
12/12/86	DC-1	4' 6" 4.5	4' 6"
12/12/86	UB-5	18'	19'
12/12/86	DB-11	9' 6" 9.5	9'
12/12/86	DB-7A	9'	9' 6"
12/12/86	DB-10A	15'	17'
12/12/86	DB-8A	9' 6" 9.5	9' 6"
12/12/86	UC-1	11'	9' 6"
12/12/86	DB-6A	12	13'
12/12/86	DB-13A	~~13~~' DRY	14'

TVD
2/2/87
based on data set

TABLE 2

Texaco, Inc.
Beacon, New York

FECAL COLIFORM RESULTS

Sample Location	Fecal
OS-1	
OS-2	
OS-3	
OS-4	
OR-1	
OR-2	
OR-3	
OR-4	

For EnviroTest Laboratories, Inc.

Ronald
Preside

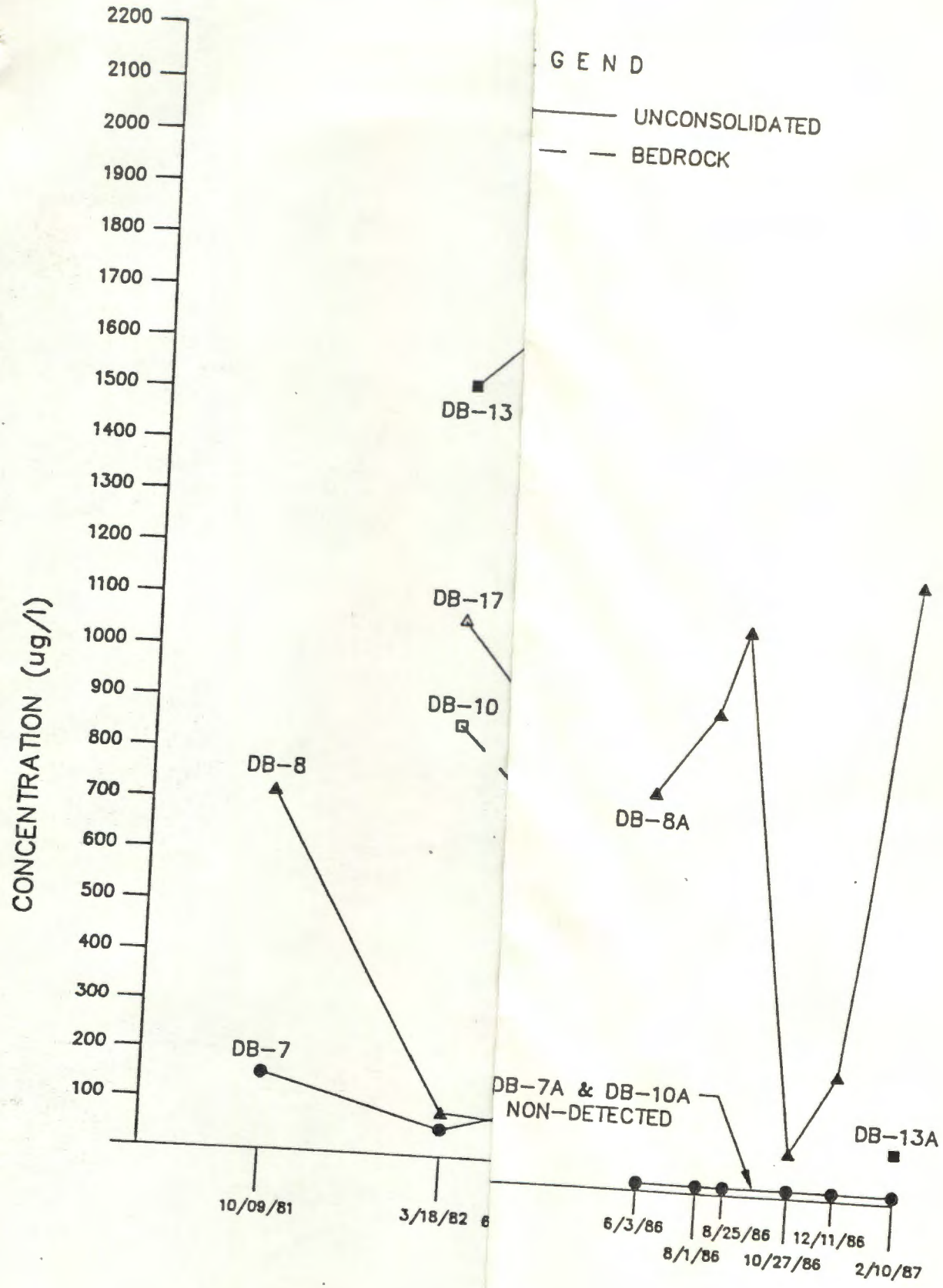
GEND
UNCONSOLIDATED
BEDROCK
CONCENTRATION (ug/l)
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
DB–13
DB–17
DB–10
DB–8
DB–8A
DB–7
DB–7A & DB–10A
NON–DETECTED
DB–13A
10/09/81
3/18/82
6/3/86
8/1/86
8/25/86
10/27/86
12/11/86
2/10/87

FIGURE 3.1

LEGEND

——— PHENOLICS

— — PHENOL

NOTES:

1. NO PHENOL WAS OBSERVED IN ANY POST REMEDIAL MONITORING WELL.
2. OPEN SYMBOLS INDICATE PHENOL.

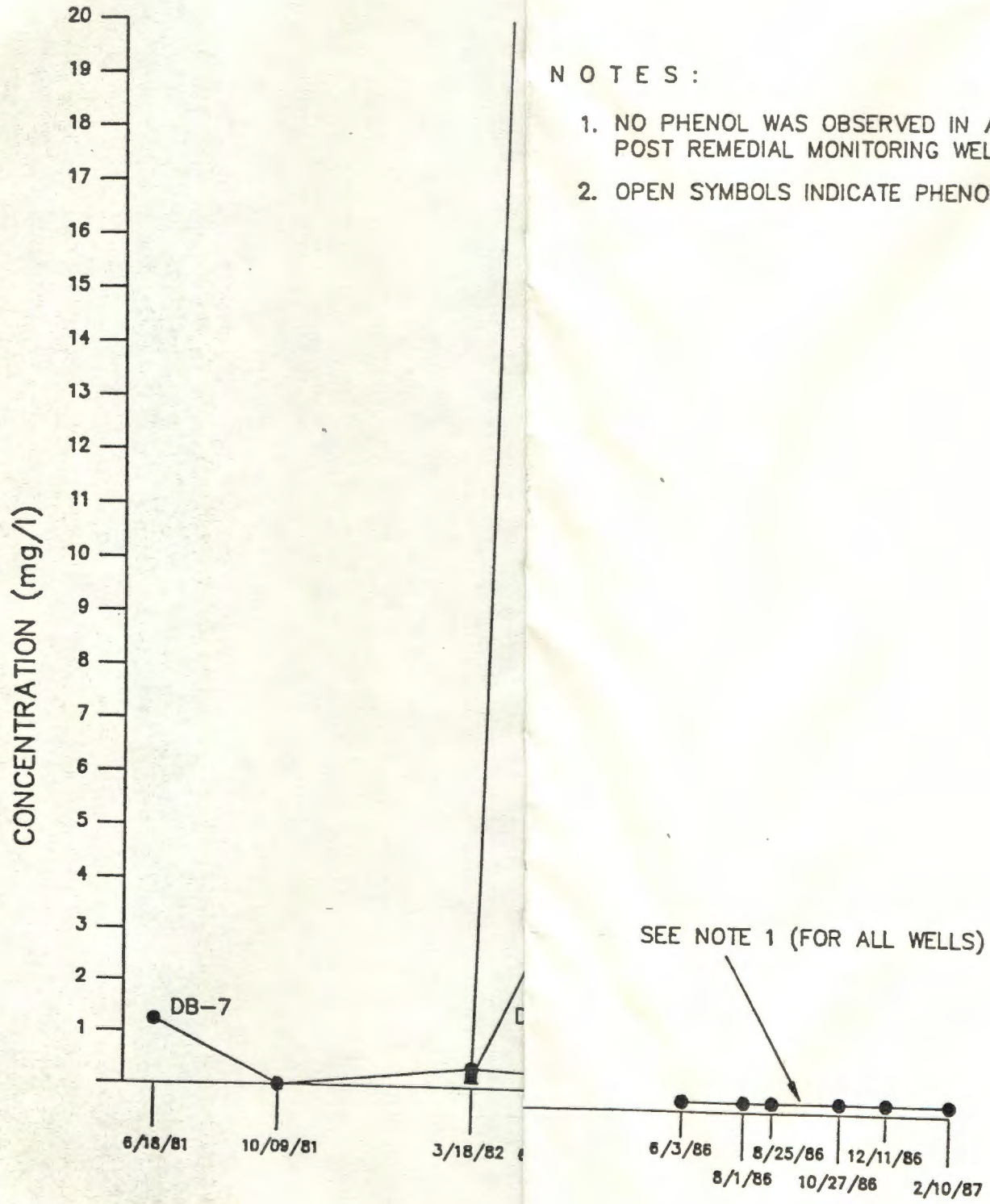

FIGURE 3.2

GRAF0002 - APRIL 1987