



April 10, 2024

Dale Myers
Washington State Department of Ecology
Northwest Regional Office
15700 Dayton Avenue North
Shoreline, WA 98133

Re: Progress Report No. 22 – 1st Quarter 2024

Texaco Strickland Cleanup Site
6808 196th Street SW
Lynnwood, Washington 98036
Agreed Order No. 14315
Ecology PM – Dale Myers
Aspect Project No. 180357

Dear Dale:

Aspect Consulting (Aspect), prepared Progress Report No. 22 on behalf of potentially liable persons (PLPs) Strickland Real Estate Holdings (SREH) and Chevron Environmental Management Company (CEMC), who are signatories to Washington State Department of Ecology (Ecology) Agreed Order (AO) #14315, effective September 10, 2018, for the Texaco Strickland Site (Site). The AO requires that the PLPs submit quarterly progress reports to Ecology until satisfaction of the AO.

This Progress Report No. 22 is for the 1st quarter 2024 reporting period ending on March 31, 2024.

Progress Made During the Reporting Period

The following sections detail the progress during the reporting period.

- The 3rd quarter of post-IA groundwater monitoring occurred on February 28 and 29. The laboratory analytical report is included in Attachment A. All groundwater monitoring results comply with MTCA Method A groundwater cleanup levels (Table 1 and Figure 1).
- Chri-Mar Building crawlspace ventilation O&M visits occurred on January 15, February 27, and March 22, 2024. Each O&M visit confirmed the fan is functional, and inducing a vacuum in the crawlspace.
- The results of indoor air, crawlspace, and ambient air sampling conducted on December 28 and 29, 2023, are attached in Table 2 and Attachment A. The Chri-Mar Building crawlspace ventilation system has been operating since January 2023 and four performance indoor air, crawlspace, and ambient air sampling events have been completed. The performance monitoring results are consistent with the conclusions in the Ecology-approved Remedial Investigation Report that indoor air exceedances 1) do not correlate with crawlspace exceedances, and 2) are not a result of vapor intrusion from the Site (Aspect, 2024).



Sampling and/or Testing Reports Received

All analytical results in progress reporting period are attached.

Summary of Deviations

There have been no deviations from the AO during this reporting period.

Contacts with Other Entities or Public

There has been no contact with other entities or the public during this reporting period.

Potential Problems and Suggested Solutions

No potential problems are anticipated for 1st quarter 2024 activities.

Changes in Key Personnel

No changes in key personnel occurred during the 1st quarter 2024.

Activities Planned for the Next Reporting Period

The following activities are planned for the 2nd quarter 2024:

- The 4th quarter of post-IA groundwater monitoring event is scheduled for May 29 and 30, 2024.
- Aspect will provide the title reports and figure requested by Ecology for notifications to the City of Lynnwood and Washington State Department of Transportation regarding contaminated soil remaining in rights-of-way.
- In accordance with the Ecology-approved Ventilation Work Plan, the ventilation system will be shut down and a post-shutdown monitoring event conducted before converting the system to a passive system.

The next quarterly progress report will be submitted on or before July 15, 2024. If you have any questions concerning this progress report, please contact Adam Griffin at 206-780-7746.

Sincerely,

Aspect consulting



Adam Griffin, PE

Principal Engineer

agriffin@aspectconsulting.com

References

Aspect Consulting (Aspect), 2024, Public Review Draft Remedial Investigation Report, Texaco Strickland Site, draft January 9, 2024.

Aspect Consulting (Aspect), 2023, Ventilation Work Plan, Texaco Strickland Site, draft January 6, 2023.

Attachments:

Table 1 - Groundwater Compliance Monitoring Results

Table 2 - Ambient, Crawlspace, and Indoor Air Analytical Results – September 2023

Figure 1 – Groundwater Monitoring Results – February 2024

Attachment A – Laboratory Reports

cc: Ryan Megenity – Rainier Property Management Co. LLC
Nate Blomgren – Chevron Environmental Management Company
Eric Epple – Arcadis
Ada Hamilton – Arcadis
Daniel Babcock – Aspect Consulting

TABLES

Table 1. Groundwater Compliance Monitoring Results

Project No. 180357, Texaco Strickland, Lynnwood, Washington

Location			MW-16			MW-17			MW-18R			MW-19		
Date			08/31/2023	11/30/2023	02/29/2024	11/02/2023	11/30/2023	02/29/2024	08/30/2023	11/28/2023	02/28/2024	08/30/2023	11/28/2023	02/28/2024
Analyte	Unit	MTCMA Method A Cleanup Level ¹												
Total Petroleum Hydrocarbons														
Gasoline Range Organics	ug/L	800 1000 ²	380	490	380	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Diesel Range Organics	ug/L	500	100 X	220 X	250 X	98 X	< 50 U	64 X	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Motor Oil Range Organics	ug/L	500	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U
Diesel and Oil Extended Range Organics	ug/L	500	100 X	220 X	250 X	98 X	< 250 U	64 X	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U
Benzene, Toluene, Ethylbenzene, and Xylenes														
Benzene	ug/L	5	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U
Toluene	ug/L	1000	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	ug/L	700	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Total Xylenes	ug/L	1000	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Polycyclic Aromatic Hydrocarbons														
Naphthalene	ug/L	160	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Notes:

Results in **bold** indicate the analyte was detected above the laboratory reporting limit

U = Analyte not detected at or above Reporting Limit (RL) shown

X = Chromatographic pattern does not match fuel standard used for quantitation

ug/L = microgram per liter

T - Total Fraction (unfiltered) sample result

¹Model Toxics Control Act (MTCA) cleanup regulation Method A Cleanup Levels for Groundwater.

²Gasoline Range Hydrocarbons are screened against a tighter value when benzene is present in the sample.

Table 1. Groundwater Compliance Monitoring Results

Project No. 180357, Texaco Strickland, Lynnwood, Washington

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Confidential Attorney Client Privilege

MW-25R			MW-26			MW-27		MW-29			MW-30			MW-31			MW-32		
08/30/2023	11/28/2023	02/28/2024	08/30/2023	11/28/2023	02/28/2024	11/28/2023	02/28/2024	08/30/2023	11/30/2023	02/28/2024	08/30/2023	11/28/2023	02/28/2024	08/30/2023	11/28/2023	02/28/2024	08/31/2023	11/28/2023	02/28/2024
< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	77 X	110 X	160 X	83 X	69 X	190 X	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	83 X
< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U
< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	77 X	110 X	160 X	83 X	69 X	190 X	< 250 U	< 250 U	< 250 U	< 250 U	< 250 U	83 X
< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	0.52	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.35 U
< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Notes:

Results in **bold** indicate the analyte was detected above the laboratory reporting limit

U = Analyte not detected at or above Reporting Limit (RL) shown

X = Chromatographic pattern does not match fuel standard used for quantitation

ug/L = microgram per liter

T - Total Fraction (unfiltered) sample result

¹Model Toxics Control Act (MTCA) cleanup regulation Method A Cleanup Levels for Groundwater.

²Gasoline Range Hydrocarbons are screened against a tighter value when benzene is present in the sample.

Table 2. Ambient, Crawlspace, and Indoor Air Analytical Results - December 2023

Project No. 180357, Texaco Strickland Site, Lynnwood, Washington

Chemical Name	Location/Unit	Ambient	Unit #125					
	Area	Outdoor	Crawlspace Beneath Bathroom		Living Room		Bathroom	
	Sample Type Sample	Background, Reported AMB-2-231228	Crawlspace, Reported CS-125-231228	Crawlspace, Net ⁽¹⁾ --	Indoor Air, Reported IA-125-1-231228	Indoor Air, Net ⁽¹⁾ --	Indoor Air, Reported IA-125-2-231228	Indoor Air, Net ⁽¹⁾ --
	MTCA Method B CUL⁽²⁾ (Unrestricted Use)							
Petroleum Hydrocarbon Related Volatile Organic Compounds (µg/m3)								
Benzene	0.32	0.64	0.67	0.03	0.57	ND	0.86	0.22
Toluene	2300	< 7.5 U	< 7.5 U	ND	< 7.5 U	ND	< 7.5 U	ND
Ethylbenzene	460	< 0.43 U	0.44	0.44	< 0.43 U	ND	0.76	0.76
Total Xylenes	46	1.1	2.06	0.96	1.1	ND	3.54	2.44
Naphthalene	0.074	0.073 J	< 0.073 UJ	ND	0.23 J	0.157 J	0.19 J	0.117 J
C5 - C8 Aliphatic Hydrocarbons		79	200	121	89	ND	96	17
C9 - C12 Aliphatic Hydrocarbons		< 25 U	< 25 U	ND	40	ND	< 25 U	ND
C9 - C10 Aromatic Hydrocarbons		< 25 U	< 25 U	ND	< 25 U	ND	< 25 U	ND
Total Petroleum Hydrocarbons ³	46	110 J	232	122 J	148 J	38 J	130 J	20 J

Chemical Name	Location/Unit	Ambient	Unit #127					
	Area	Outdoor	Crawlspace Beneath Bathroom		Living Room		Bathroom	
	Sample Type Sample	Background, Reported AMB-2-231228	Crawlspace, Reported CS-127-231228	Crawlspace, Net ⁽¹⁾ --	Indoor Air, Reported IA-127-1-231228	Indoor Air, Net ⁽¹⁾ --	Indoor Air, Reported IA-127-2-231228	Indoor Air, Net ⁽¹⁾ --
	MTCA Method B CUL⁽²⁾ (Unrestricted Use)							
Petroleum Hydrocarbon Related Volatile Organic Compounds (µg/m3)								
Benzene	0.32	0.64	0.56	ND	0.74	ND	0.78	0.14
Toluene	2300	< 7.5 U	< 7.5 U	ND	< 7.5 U	ND	< 7.5 U	ND
Ethylbenzene	460	< 0.43 U	< 0.43 U	ND	1.1	1.1	1.1	1.1
Total Xylenes	46	1.1	1.4	0.3	2.55	1.45	2.58	1.48
Naphthalene	0.074	0.073 J	< 0.073 UJ	ND	0.14 J	0.067 J	0.25 J	0.177 J
C5 - C8 Aliphatic Hydrocarbons		79	170	91	150	71	140	61
C9 - C12 Aliphatic Hydrocarbons		< 25 U	< 25 U	ND	96	96	110	110
C9 - C10 Aromatic Hydrocarbons		< 25 U	< 25 U	ND	< 25 U	ND	< 25 U	ND
Total Petroleum Hydrocarbons ³	46	110 J	201	91 J	267 J	157 J	271 J	161 J

Table 2. Ambient, Crawlspace, and Indoor Air Analytical Results - December 2023

Project No. 180357, Texaco Strickland Site, Lynnwood, Washington

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Chemical Name	Location/Unit		Unit #129					
	Area	Ambient	Crawlspace Beneath Bathroom		Living Room		Bathroom	
	Sample Type Sample	Background, Reported AMB-2-231228	Crawlspace, Reported CS-129-231228	Crawlspace, Net ⁽¹⁾ --	Indoor Air, Reported IA-129-1-231228	Indoor Air, Net ⁽¹⁾ --	Indoor Air, Reported IA-129-2-231228	Indoor Air, Net ⁽¹⁾ --
	MTCA Method B CUL⁽²⁾ (Unrestricted Use)							
Petroleum Hydrocarbon Related Volatile Organic Compounds (µg/m3)								
Benzene	0.32	0.64	0.53	ND	0.52	ND	0.51	ND
Toluene	2300	< 7.5 U	< 7.5 U	ND	< 7.5 U	ND	< 7.5 U	ND
Ethylbenzene	460	< 0.43 U	< 0.43 U	ND	0.43	0.43	0.44	0.44
Total Xylenes	46	1.1	0.97	ND	2.1	1	2.15	1.05
Naphthalene	0.074	0.073 J	< 0.073 UJ	ND	0.32	0.247 J	0.33	0.257 J
C5 - C8 Aliphatic Hydrocarbons		79	110	31	160	81	150	71
C9 - C12 Aliphatic Hydrocarbons		< 25 U	< 25 U	ND	< 25 U	ND	< 25 U	ND
C9 - C10 Aromatic Hydrocarbons		< 25 U	< 25 U	ND	< 25 U	ND	< 25 U	ND
Total Petroleum Hydrocarbons ³	46	110 J	141	31 J	192	82 J	182	72 J

Chemical Name	Location/Unit		Unit #131					
	Area	Ambient	Crawlspace Beneath Bathroom		Living Room			
	Sample Type Sample	Background, Reported AMB-2-231228	Crawlspace, Reported CS-131-231228	Crawlspace, Net ⁽¹⁾ --	Indoor Air, Reported IA-131-1-231228	Indoor Air, Net ⁽¹⁾ --	Field Duplicate IA-FD-231228	Indoor Air, Net ⁽¹⁾ --
	MTCA Method B CUL⁽²⁾ (Unrestricted Use)							
Petroleum Hydrocarbon Related Volatile Organic Compounds (µg/m3)								
Benzene	0.32	0.64	0.67	0.03	0.89	0.25	0.9	0.26
Toluene	2300	< 7.5 U	< 7.5 U	ND	< 7.5 U	ND	< 7.5 U	ND
Ethylbenzene	460	< 0.43 U	< 0.43 U	ND	< 0.43 U	ND	< 0.43 U	ND
Total Xylenes	46	1.1	1.76	0.66	0.96	ND	1	ND
Naphthalene	0.074	0.073 J	< 0.073 UJ	ND	0.16 J	0.087 J	0.19 J	0.117 J
C5 - C8 Aliphatic Hydrocarbons		79	100	21	120	41	130	51
C9 - C12 Aliphatic Hydrocarbons		< 25 U	< 25 U	ND	34	34	45	45
C9 - C10 Aromatic Hydrocarbons		< 25 U	< 25 U	ND	< 25 U	ND	< 25 U	ND
Total Petroleum Hydrocarbons ³	46	110 J	131	21 J	173 J	63 J	194 J	84 J

Table 2. Ambient, Crawlspace, and Indoor Air Analytical Results - December 2023

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Project No. 180357, Texaco Strickland Site, Lynnwood, Washington

	Sample Type	Background, Reported	Active Ventilation
	Sample ID	AMB-2-231228	VS-EFF-231228
Chemical Name	MTCA Method B CUL⁽²⁾ (Unrestricted Use)		
Petroleum Hydrocarbon Related Volatile Organic Compounds (µg/m3)			
Benzene	0.32	0.64	< 0.32 U
Toluene	2300	< 7.5 U	< 7.5 U
Ethylbenzene	460	< 0.43 U	< 0.43 U
Total Xylenes	46	1.1	< 0.87 U
Naphthalene	0.074	0.073 J	0.073 J
C5 - C8 Aliphatic Hydrocarbons		79	80
C9 - C12 Aliphatic Hydrocarbons		< 25 U	40
C9 - C10 Aromatic Hydrocarbons		< 25 U	< 25 U
Total Petroleum Hydrocarbons ³	46	110 J	138 J

Notes:

Bold results indicate analyte was detected.

Blue-highlighted values exceed the MTCA Method B Indoor Air Cleanup Levels for Unrestricted Land Use; only ambient air, net crawlspace air, and net indoor air values are screened against the MTCA Method B Indoor Air Cleanup Levels.

µg/m3 = micrograms per cubic meter

-- = not applicable

U - Analyte not detected at or above Reporting Limit (RL) shown

J - Result value estimated

(1) Adjusted results were calculated by subtracting the ambient air result from the crawlspace or indoor air result. If the reported crawlspace or indoor air result was less than the upwind ambient air concentration or if a certain analyte was not detected in either the crawlspace or indoor air sample and the ambient air result, the net value is shown as ND and summed as zero in the Total Petroleum Hydrocarbon calculation.

(2) Model Toxic Control Act (MTCA) Method B Indoor Air Cleanup Levels (CULs), including the generic Total Petroleum Hydrocarbons CUL.

(3) Total petroleum hydrocarbon concentration is the sum total of volatile organic compounds and aliphatic and aromatic hydrocarbons; one-half of the laboratory reporting limit was used for non-detects in reported results. Non-detects in adjusted results (ND) were summed as zero.

FIGURE



- One or more analytes detected at concentrations below the MTCA Method A cleanup levels in groundwater
- Analytes not detected
- ⊕ Monitoring Well (Existing)
- ⊕ Monitoring Well (Decommissioned)
- ~ Groundwater Contour
- ➔ Flow Direction
- Subject Property
- Snohomish County Tax Parcel

N

0 30 60
Feet



Groundwater Monitoring Results
- February 2024

Texaco Strickland Site
6808 196th Street SW
Lynwood, Washington

	MAR-2024 <small>PROJECT NO.</small> AS180357A	<small>BY:</small> DRB / NLK <small>REVISED BY:</small> HMD	<small>FIGURE NO.</small> 1
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ATTACHMENT 1

Laboratory Reports

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

March 6, 2024

Daniel Babcock, Project Manager
Aspect Consulting, LLC
710 2nd Ave S, Suite 550
Seattle, WA 98104

Dear Mr Babcock:

Included are the results from the testing of material submitted on February 29, 2024 from the Texaco Strickland 180357, F&BI 402437 project. There are 20 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Aspect Data
ASP0306R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 29, 2024 by Friedman & Bruya, Inc. from the Aspect Consulting, LLC Texaco Strickland 180357, F&BI 402437 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Aspect Consulting, LLC</u>
402437 -01	MW-18R-022824
402437 -02	MW-25R-022824
402437 -03	MW-26-022824
402437 -04	MW-19-022824
402437 -05	MW-32-022824
402437 -06	MW-31-022824
402437 -07	MW-30-022824
402437 -08	MW-29-022824
402437 -09	MW-27-022824
402437 -10	MW-17-022924
402437 -11	MW-16-022924
402437 -12	Trip Blank

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/06/24
Date Received: 02/29/24
Project: Texaco Strickland 180357, F&BI 402437
Date Extracted: 03/01/24
Date Analyzed: 03/01/24

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
MW-18R-022824 402437-01	<100	96
MW-25R-022824 402437-02	<100	98
MW-26-022824 402437-03	<100	97
MW-19-022824 402437-04	<100	99
MW-32-022824 402437-05	<100	98
MW-31-022824 402437-06	<100	101
MW-30-022824 402437-07	<100	101
MW-29-022824 402437-08	<100	102
MW-27-022824 402437-09	<100	99
MW-17-022924 402437-10	<100	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/06/24
Date Received: 02/29/24
Project: Texaco Strickland 180357, F&BI 402437
Date Extracted: 03/01/24
Date Analyzed: 03/01/24

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-G_x**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
MW-16-022924 402437-11	380	101
Method Blank 04-429 MB	<100	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/06/24
 Date Received: 02/29/24
 Project: Texaco Strickland 180357, F&BI 402437
 Date Extracted: 03/01/24
 Date Analyzed: 03/01/24

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
 FOR TOTAL PETROLEUM HYDROCARBONS AS
 DIESEL AND MOTOR OIL
 USING METHOD NWTPH-D_x**
 Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 50-150)
MW-18R-022824 402437-01	<50	<250	116
MW-25R-022824 402437-02	<50	<250	120
MW-26-022824 402437-03	<50	<250	111
MW-19-022824 402437-04	<50	<250	90
MW-32-022824 402437-05	83 x	<250	100
MW-31-022824 402437-06	<50	<250	107
MW-30-022824 402437-07	190 x	<250	124
MW-29-022824 402437-08	160 x	<250	121
MW-27-022824 402437-09	<50	<250	107
MW-17-022924 402437-10	64 x	<250	114
MW-16-022924 402437-11	250 x	<250	112
Method Blank 04-490 MB	<50	<250	112

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-18R-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-01
Date Analyzed:	03/04/24	Data File:	030411.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	78	126
Toluene-d8	101	84	115
4-Bromofluorobenzene	97	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-25R-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-02
Date Analyzed:	03/04/24	Data File:	030412.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	78	126
Toluene-d8	98	84	115
4-Bromofluorobenzene	92	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-26-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-03
Date Analyzed:	03/04/24	Data File:	030413.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	78	126
Toluene-d8	99	84	115
4-Bromofluorobenzene	98	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-19-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-04
Date Analyzed:	03/04/24	Data File:	030414.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	78	126
Toluene-d8	99	84	115
4-Bromofluorobenzene	95	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-32-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-05
Date Analyzed:	03/04/24	Data File:	030415.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	78	126
Toluene-d8	105	84	115
4-Bromofluorobenzene	102	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-31-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-06
Date Analyzed:	03/04/24	Data File:	030416.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	78	126
Toluene-d8	104	84	115
4-Bromofluorobenzene	105	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-30-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-07
Date Analyzed:	03/04/24	Data File:	030417.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	78	126
Toluene-d8	103	84	115
4-Bromofluorobenzene	100	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-29-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-08
Date Analyzed:	03/04/24	Data File:	030418.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	78	126
Toluene-d8	103	84	115
4-Bromofluorobenzene	103	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-27-022824	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-09
Date Analyzed:	03/04/24	Data File:	030419.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	93	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	103	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-17-022924	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-10
Date Analyzed:	03/04/24	Data File:	030420.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	103	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW-16-022924	Client:	Aspect Consulting, LLC
Date Received:	02/29/24	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24 11:00	Lab ID:	402437-11
Date Analyzed:	03/04/24	Data File:	030421.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	95	78	126
Toluene-d8	103	84	115
4-Bromofluorobenzene	106	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Method Blank	Client:	Aspect Consulting, LLC
Date Received:	Not Applicable	Project:	Texaco Strickland 180357
Date Extracted:	03/04/24	Lab ID:	04-0494 mb
Date Analyzed:	03/04/24	Data File:	030409.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	100	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Naphthalene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/06/24

Date Received: 02/29/24

Project: Texaco Strickland 180357, F&BI 402437

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE
USING METHOD NWTPH-G_x**

Laboratory Code: 402437-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<10	<10	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	90	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/06/24

Date Received: 02/29/24

Project: Texaco Strickland 180357, F&BI 402437

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-D_x**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	96	100	72-139	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/06/24

Date Received: 02/29/24

Project: Texaco Strickland 180357, F&BI 402437

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR VOLATILES BY EPA METHOD 8260D**

Laboratory Code: 402437-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Benzene	ug/L (ppb)	10	<0.35	101	50-150
Toluene	ug/L (ppb)	10	<1	96	50-150
Ethylbenzene	ug/L (ppb)	10	<1	100	50-150
m,p-Xylene	ug/L (ppb)	20	<2	99	50-150
o-Xylene	ug/L (ppb)	10	<1	97	50-150
Naphthalene	ug/L (ppb)	10	<1	95	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Benzene	ug/L (ppb)	10	105	105	70-130	0
Toluene	ug/L (ppb)	10	100	102	70-130	2
Ethylbenzene	ug/L (ppb)	10	103	104	70-130	1
m,p-Xylene	ug/L (ppb)	20	101	102	70-130	1
o-Xylene	ug/L (ppb)	10	99	99	70-130	0
Naphthalene	ug/L (ppb)	10	100	96	70-130	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.
- c - The presence of the analyte may be due to carryover from previous sample injections.
- cf - The sample was centrifuged prior to analysis.
- d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
- dv - Insufficient sample volume was available to achieve normal reporting limits.
- f - The sample was laboratory filtered prior to analysis.
- fb - The analyte was detected in the method blank.
- fc - The analyte is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits due to sample matrix effects.
- j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- k - The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CHAIN OF CUSTODY

02/29/24

VW41F3

Page # 1 of 2

402437
 Report To Daniel Babcock
 Company Aspect Consulting
 Address 710 2nd Ave #550
 City, State, ZIP Seattle, WA, 98110
 Phone 206-251-1243 Email Daniel.Babcock@aspectconsulting.com

SAMPLER'S (signature) <u>[Signature]</u>	PROJECT NAME <u>Texaco Stickleland</u>	PO # <u>180357</u>
REMARKS <u>Project specific RIs? - Yes / No</u>	INVOICE TO	

TURNAROUND TIME
 Standard turnaround
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Archive samples
 Other _____
 Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED										Notes	
						NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	BTEX + Naphthalene EPA 8260				
MW-18R-022824	01 A-G	2/28/24	0810	W	7	X	X							X			
MW-25R-022824	02		0850														
MW-26-022824	03		0940														
MW-19-022824	04		1020														
MW-32-022824	05		1120														
MW-31-022824	06		1200														
MW-30-022824	07		1250														
MW-29-022824	08		1330														
MW-27-022824	09		1420														
MW-17-022924	10	2/29/24	0930	W	7												

Friedman & Bruya, Inc.
 Ph. (206) 285-8282

Relinquished by: <u>[Signature]</u>	SIGNATURE	PRINT NAME <u>Carmen Tapero</u>	COMPANY <u>Aspect</u>	DATE <u>2/29/24</u>	TIME <u>12:28</u>
Received by: <u>[Signature]</u>		<u>Michael Edell</u>	<u>F&B</u>	<u>2/29/24</u>	<u>12:28</u>
Relinquished by:				Samples received at <u>2</u> of <u>00</u>	
Received by:					

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

January 10, 2024

Adam Griffin, Project Manager
Aspect Consulting, LLC
710 2nd Ave S, Suite 550
Seattle, WA 98104

Dear Mr Griffin:

Included are the results from the testing of material submitted on December 29, 2023 from the Texaco Strickland 180357, F&BI 312479 project. There are 36 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Aspect Data
ASP0110R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 29, 2023 by Friedman & Bruya, Inc. from the Aspect Consulting, LLC Texaco Strickland 180357, F&BI 312479 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Aspect Consulting, LLC</u>
312479 -01	IA-125-1-231228
312479 -02	IA-125-2-231228
312479 -03	IA-127-1-231228
312479 -04	IA-127-2-231228
312479 -05	IA-129-1-231228
312479 -06	IA-129-2-231228
312479 -07	IA-131-1-231228
312479 -08	IA-FD-231228
312479 -09	CS-125-231228
312479 -10	CS-127-231228
312479 -11	CS-129-231228
312479 -12	CS-131-231228
312479 -13	AMB-1-231228
312479 -14	AMB-2-231228
312479 -15	VS-EFF-231228

Non-petroleum compounds identified in the air phase hydrocarbon (APH) ranges were subtracted per the MA-APH method.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	IA-125-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-01
Date Analyzed:	01/02/24	Data File:	010214.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	89	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	89
APH EC9-12 aliphatics	40
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	IA-125-2-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-02
Date Analyzed:	01/02/24	Data File:	010215.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	93	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	96
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	IA-127-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-03
Date Analyzed:	01/02/24	Data File:	010216.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	94	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	150
APH EC9-12 aliphatics	96
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	IA-127-2-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-04
Date Analyzed:	01/02/24	Data File:	010217.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	97	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	140
APH EC9-12 aliphatics	110
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	IA-129-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-05
Date Analyzed:	01/02/24	Data File:	010218.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	94	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	160
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	IA-129-2-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-06
Date Analyzed:	01/02/24	Data File:	010219.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	95	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	150
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	IA-131-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-07
Date Analyzed:	01/02/24	Data File:	010220.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	93	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	120
APH EC9-12 aliphatics	34
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	IA-FD-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-08
Date Analyzed:	01/02/24	Data File:	010221.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	95	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	130
APH EC9-12 aliphatics	45
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	CS-125-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-09
Date Analyzed:	01/02/24	Data File:	010222.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	200
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	CS-127-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-10
Date Analyzed:	01/03/24	Data File:	010223.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	94	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	170
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	CS-129-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-11
Date Analyzed:	01/03/24	Data File:	010224.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	91	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	110
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	CS-131-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-12
Date Analyzed:	01/03/24	Data File:	010225.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	95	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	100
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	AMB-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-13
Date Analyzed:	01/02/24	Data File:	010212.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	90	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	<75
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	AMB-2-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-14
Date Analyzed:	01/02/24	Data File:	010213.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	93	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	79
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	VS-EFF-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-15
Date Analyzed:	01/03/24	Data File:	010226.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	96	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	80
APH EC9-12 aliphatics	40
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	Method Blank	Client:	Aspect Consulting, LLC
Date Received:	Not Applicable	Project:	Texaco Strickland 180357
Date Collected:	Not Applicable	Lab ID:	04-0043 mb
Date Analyzed:	01/02/24	Data File:	010211.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	90	70	130

Compounds:	Concentration
	ug/m3
APH EC5-8 aliphatics	<75
APH EC9-12 aliphatics	<25
APH EC9-10 aromatics	<25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-125-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-01
Date Analyzed:	01/02/24	Data File:	010214.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	87	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.57	0.18
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	1.1	0.26
o-Xylene	<0.43	<0.1
Naphthalene	0.23 j	0.044 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-125-2-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-02
Date Analyzed:	01/02/24	Data File:	010215.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	91	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.86	0.27
Toluene	<7.5	<2
Ethylbenzene	0.76	0.18
m,p-Xylene	2.6	0.61
o-Xylene	0.94	0.22
Naphthalene	0.19 j	0.036 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-127-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-03
Date Analyzed:	01/02/24	Data File:	010216.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	91	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.74	0.23
Toluene	<7.5	<2
Ethylbenzene	1.1	0.25
m,p-Xylene	1.8	0.41
o-Xylene	0.75	0.17
Naphthalene	0.14 j	0.026 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-127-2-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-04
Date Analyzed:	01/02/24	Data File:	010217.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	94	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.78	0.24
Toluene	<7.5	<2
Ethylbenzene	1.1	0.25
m,p-Xylene	1.8	0.41
o-Xylene	0.78	0.18
Naphthalene	0.25 j	0.048 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-129-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-05
Date Analyzed:	01/02/24	Data File:	010218.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.52	0.16
Toluene	<7.5	<2
Ethylbenzene	0.43	0.10
m,p-Xylene	1.5	0.34
o-Xylene	0.60	0.14
Naphthalene	0.32	0.061

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-129-2-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-06
Date Analyzed:	01/02/24	Data File:	010219.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.51	0.16
Toluene	<7.5	<2
Ethylbenzene	0.44	0.10
m,p-Xylene	1.5	0.35
o-Xylene	0.65	0.15
Naphthalene	0.33	0.063

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-131-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-07
Date Analyzed:	01/02/24	Data File:	010220.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	90	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.89	0.28
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	0.96	0.22
o-Xylene	<0.43	<0.1
Naphthalene	0.16 j	0.031 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA-FD-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-08
Date Analyzed:	01/02/24	Data File:	010221.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	93	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.9	0.28
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	1.0	0.23
o-Xylene	<0.43	<0.1
Naphthalene	0.19 j	0.036 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	CS-125-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-09
Date Analyzed:	01/02/24	Data File:	010222.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	89	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.67	0.21
Toluene	<7.5	<2
Ethylbenzene	0.44	0.10
m,p-Xylene	1.6	0.36
o-Xylene	0.46	0.11
Naphthalene	<0.073 j	<0.014 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	CS-127-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-10
Date Analyzed:	01/03/24	Data File:	010223.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.56	0.17
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	1.4	0.33
o-Xylene	<0.43	<0.1
Naphthalene	<0.073 j	<0.014 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	CS-129-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-11
Date Analyzed:	01/03/24	Data File:	010224.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	89	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.53	0.17
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	0.97	0.22
o-Xylene	<0.43	<0.1
Naphthalene	<0.073 j	<0.014 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	CS-131-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-12
Date Analyzed:	01/03/24	Data File:	010225.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.67	0.21
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	1.3	0.31
o-Xylene	0.46	0.11
Naphthalene	<0.073 j	<0.014 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	AMB-1-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-13
Date Analyzed:	01/02/24	Data File:	010212.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	88	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.5	0.16
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	0.92	0.21
o-Xylene	<0.43	<0.1
Naphthalene	<0.073 j	<0.014 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	AMB-2-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-14
Date Analyzed:	01/02/24	Data File:	010213.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	90	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	0.64	0.20
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	1.1	0.25
o-Xylene	<0.43	<0.1
Naphthalene	0.073 j	0.014 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	VS-EFF-231228	Client:	Aspect Consulting, LLC
Date Received:	12/29/23	Project:	Texaco Strickland 180357
Date Collected:	12/28/23	Lab ID:	312479-15
Date Analyzed:	01/03/24	Data File:	010226.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	94	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	<0.32	<0.1
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	<0.87	<0.2
o-Xylene	<0.43	<0.1
Naphthalene	0.073 j	0.014 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	Aspect Consulting, LLC
Date Received:	Not Applicable	Project:	Texaco Strickland 180357
Date Collected:	Not Applicable	Lab ID:	04-0043 mb
Date Analyzed:	01/02/24	Data File:	010211.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	88	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Benzene	<0.32	<0.1
Toluene	<7.5	<2
Ethylbenzene	<0.43	<0.1
m,p-Xylene	<0.87	<0.2
o-Xylene	<0.43	<0.1
Naphthalene	<0.073 j	<0.014 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/10/24

Date Received: 12/29/23

Project: Texaco Strickland 180357, F&BI 312479

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES
FOR VOLATILES BY METHOD MA-APH**

Laboratory Code: 312443-01 1/7.9 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
APH EC5-8 aliphatics	ug/m3	5,600	5,400	4
APH EC9-12 aliphatics	ug/m3	2,100	2,000	5
APH EC9-10 aromatics	ug/m3	<200	<200	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
APH EC5-8 aliphatics	ug/m3	67	84	70-130
APH EC9-12 aliphatics	ug/m3	67	94	70-130
APH EC9-10 aromatics	ug/m3	67	90	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/10/24

Date Received: 12/29/23

Project: Texaco Strickland 180357, F&BI 312479

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES
FOR VOLATILES BY METHOD TO-15**

Laboratory Code: 312443-01 1/7.9 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Benzene	ug/m3	<2.5	<2.5	nm
Toluene	ug/m3	<60	<60	nm
Ethylbenzene	ug/m3	<3.4	<3.4	nm
m,p-Xylene	ug/m3	<6.9	<6.9	nm
o-Xylene	ug/m3	<3.4	<3.4	nm
Naphthalene	ug/m3	<2.1	<2.1	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/m3	43	88	70-130
Toluene	ug/m3	51	101	70-130
Ethylbenzene	ug/m3	59	96	70-130
m,p-Xylene	ug/m3	120	98	70-130
o-Xylene	ug/m3	59	101	70-130
Naphthalene	ug/m3	71	95	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.
- c - The presence of the analyte may be due to carryover from previous sample injections.
- cf - The sample was centrifuged prior to analysis.
- d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
- dv - Insufficient sample volume was available to achieve normal reporting limits.
- f - The sample was laboratory filtered prior to analysis.
- fb - The analyte was detected in the method blank.
- fc - The analyte is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits due to sample matrix effects.
- j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- k - The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

3124 79

Adam Griffin 12/1/10
Petersen

SAMPLE CHAIN OF CUSTODY

12/29/25

Page #

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of

2

SAMPLERS (signature)

Adam Griffin

Adam Griffin

TURNAROUND TIME

Standard RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Default: Clean following final report delivery Hold (Fee may apply):

PROJECT NAME & ADDRESS

Testco - 5th Avenue

PO #

140357

INVOICE TO

AR

NOTES:

Testco - 5th Avenue

AR

Standard RUSH

SAMPLE INFORMATION

Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	ANALYSIS REQUESTED	Notes
IA-125-1-231228	01	3720	06605	IA / SG	12/29/25	29	1101	6	1107	TO15 Full Scan TO15 BTEXN TO15 cVOCs APH Helium	X
IA-125-2-231228	02	18563	06605	IA / SG		26	1102	6	1108		
IA-127-1-231228	03	18567	15213	IA / SG		30	1103	5.5	1114		
IA-127-2-231228	04	37214	15214	IA / SG		30	1104	5.5	1115		
IA-129-1-231228	05	18570	15210	IA / SG		29	1106	5	1119		
IA-129-2-231228	06	18506	15208	IA / SG		730	1107	7	1120		
IA-131-1-231228	07	37203	15204	IA / SG		29	1108	7	1125		
IA-131-2-231228	08	35332	15204	IA / SG		29.5	1108	8.5	1125		

SIGNATURE

Relinquished by: *Adam Griffin*

Received by: *Michael Pham*

Relinquished by: *Michael Pham*

Received by: *Michael Pham*

PRINT NAME

Nikola LARON

Nhan Pham

Nhan Pham

Nhan Pham

COMPANY

Petersen

Fe B2

Samples received at

19 of

DATE

12/24/23

12/29/23

12/29/23

12/29/23

TIME

13:45

13:45

13:45

13:45

312479 Adam Griffin, D. 110

SAMPLE CHAIN OF CUSTODY

12/29/23

Page # 2 of 2

Report To: B. Feery Spect. 110

Company: Kepert Consulting

Address: 710 2nd Ave #550

City, State, ZIP: _____

Phone: _____ Email: _____

SAMPLERS (signature) [Signature]

PROJECT NAME & ADDRESS: Retard-5 truckland

PO #: 180357

INVOICE TO: AR

NOTES: _____

TURNAROUND TIME

Standard RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

Default: Clean following final report delivery Hold (Fee may apply): _____

SAMPLE INFORMATION

Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	ANALYSIS REQUESTED	Notes
CS-125-231228	09	21484	15217	IA / SG	12/29/23	29	110	4	1228	TO15 Full Scan X TO15 BTEXN X	
CS-127-231228	10	23231	15211	IA / SG		29	1110	5	1128		
CS-129-231228	11	18573	1523	IA / SG		30	1111	4	1179		
CS-131-231228	12	20512	14502	IA / SG		29	1111	1	1129		
AMB-1-231228	13	20550	14500	IA / SG		30	1114	2	1131		
AMB-2-231228	14	35339	14494	IA / SG		30	1113	6	1130		
NS-EFF-231228	15	37211	14501	IA / SG		29	1122	8	1130		
		40105	14501	IA / SG			1253				

SIGNATURE

Relinquished by: [Signature]

Received by: [Signature]

Relinquished by: _____

PRINT NAME

N. Volin LAMDA

Nhan Phan

Received by: _____

COMPANY

Kest

Fe BT

Samples received at _____

DATE

12/24/23

12/24/23

at 19°C

TIME

1345

1345

Friedman & Bruya, Inc.
5500 4th Avenue South
Seattle, WA 98108
Ph. (206) 285-8282
Fax (206) 283-5044