release 3559
I & M associates
(fuji auto)
Mercer Island

Whitman Environmental Sciences

5508 35th Avenue NE, Suite 108
Seattle, Washington 98105

Phone: (206) 523-3505 Fax: (206) 523-3753

March 1, 2004

Tully's Coffee, Inc.
3100 Airport Way South
Seattle, Washington 98134

Attention: Ms. Kate Hasz

Subject: Air and Groundwater Monitoring
7811 SE 27th Street
Mercer Island, Washington

Dear Ms. Hasz:
As you are aware, WES has conducted air and groundwater monitoring at the Mercer Island Tully's site and has continued to service the remediation system on the property. This letter is to report the results of our sampling and update the status of the vapor extraction system (VES).

AIR DISCHARGE MONITORING
WES obtained a sample of the discharge vapors from the measured VES on January 19th, 2004. The sample was taken in a tedlar sample bag, by momentarily blocking the discharge stack and inserting the bag valve in the stack sampling port. The sample was then immediately transported to CCI Analytical Laboratories, Inc. for testing.

The sample was analyzed for the measurable concentrations of total petroleum hydrocarbons in the gasoline range (TPH-G), as well as benzene, toluene, ethylbenzene and xylenes (BTEX). The laboratory report of the analytical results is attached, and summarized in Table 1.

Laboratory Analytical Results
The sample of the vapor extraction system discharge was found to contain a concentration of four ug/l (units equivalent to parts per billion (ppb)) of xylenes, the only detected parameter. The finding indicates that only very low concentration of petroleum hydrocarbons are being emitted by the system. The low emissions indicate the carbon filtration unit on the discharge has not exceeded its breakthrough capacity. The system discharges remain at levels below that which would require an Order of Approval (permit) from the Puget Sound Clean Air Agency (PSCAA).

GROUNDWATER MONITORING
WES obtained groundwater samples from each of the site monitoring wells between January 14th and February 12th, 2004. Figure 1, attached, indicates the well locations on the property. Seven of the eight accessible monitoring wells were sampled during this monitoring event.

entered
CP
11-30-04

The remaining well (V-1) is currently used to hold oil absorbent socks and continues to collect small amounts of oil in the well pipe.

The samples were obtained using disposable polyethylene bailers that had been factory decontaminated. Samples were taken after purging the standing water, then allowing the well to recharge briefly. Samples were placed in laboratory prepared bottles, chilled and held under chain of custody until delivered to the laboratory. The samples were submitted to the laboratory of Friedman & Bruya, Inc. for testing.

Each sample was analyzed by Washington accepted method NWTPH-G for total petroleum hydrocarbons (TPH) in the gasoline range, as well as the volatile aromatic BTEX compounds commonly associated with gasoline. Six of the samples were also tested for total petroleum hydrocarbons in the diesel and oil ranges by Washington accepted method NWTPH-D(x). Only a limited amount of recharge occurred in well A-3, so there was not sufficient volume to conduct the diesel and oil range test on this sample.

Laboratory Analytical Results

The results of laboratory testing and Washington State cleanup criteria are summarized in Table 2. The laboratory reports of the analytical results are attached.

All of the samples were found to contain at least a small amount of one or more of the analytical parameters. The results indicate the samples from six of the seven wells contained evidence of petroleum hydrocarbon contamination that exceeds current Washington Model Toxics Control Act (MTCA) cleanup criteria for groundwater.

Four of the wells (A-2, V-4, V-5 and V-6) contained concentrations of 2 to 37 miligrams per liter, (units equivalent to parts per million (ppm)) of diesel range TPH. No oil range hydrocarbons were detected in any of the samples.

The samples from wells A-3, V-4, V-5 and V-6 all contained elevated concentrations of gasoline range TPH and benzene that exceeded groundwater cleanup criteria. Gasoline range TPH concentrations ranged from 1.2 to 130 ppm and benzene concentrations range from 0.009 to 13 ppm in these wells. The sample from well V-6 also contained concentrations of toluene, ethylbenzene and total xylenes above MTCA criteria. The highest concentrations of all the detected parameters were found in the sample from monitoring well V-6, located to the northeast of the building.

The results indicate that groundwater at the site remains highly impacted by petroleum. However, this round of testing found concentrations to be significantly lower in some wells than the results of sampling conducted in October 2002. Table 3 compares the current analytical findings with the results of the 2002 testing (in the four wells that could be sampled at that time).

The differences in the analytical results could be indicative of progress in the remediation of the site, dilution due to seasonal precipitation and higher volumes of groundwater, natural

attenuation, or other unknown factors. From an operational standpoint, the results indicate that additional cleanup is warranted, but the decreases in groundwater concentrations suggest the current cleanup activities are having a positive effect. Additional groundwater monitoring should be conducted in the future to help demonstrate any trends in the concentrations of groundwater contaminants.

VAPOR EXTRACTION SYSTEM STATUS

The Vapor Extraction System (VES) was upgraded in the spring of 2003 and the system has operated continuously since that time. At this time, the VES is operating optimally and does not require any further upgrades. WES makes periodic maintenance visits to check the status of the system and drain the collected water from the condensate tank. The tank collects water after heavy rains, which may indicate leakage in the horizontal piping between the VES equipment and the withdrawal points. However, since a sufficient vacuum is reaching the withdrawal points, this condition does not warrant repair. Repairing or replacing any of the piping would require removing the asphalt pavement in the parking area and would be relatively costly.

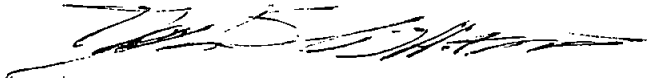
A sample of the condensate water was taken as part of this monitoring event. The sample was tested to determine whether or not it contained concentrations of total petroleum hydrocarbons and BTEX compounds. The testing found that the condensate carried low concentrations of diesel range TPH (0.54 ppm), gasoline range TPH (0.22 ppm), benzene (0.002 ppm), toluene (0.004 ppm) ethylbenzene (0.001ppm) and xylenes (0.012 ppm). The results of testing are included in the attached laboratory reports.

The findings suggest the condensate water contains low concentrations of petroleum hydrocarbons, but at levels that do not exceed MTCA cleanup criteria. This water does not need to be managed as a petroleum contaminated waste.

CLOSURE

Thank you for the opportunity to be of service to you in this matter. If you have any questions regarding this letter, or if I may be of any further assistance, please feel free to contact me at your convenience.

Respectfully submitted,
Whitman Environmental Sciences



Daniel S. Whitman
Principal

Attachments: Figure 1 - Groundwater Sample Location Plan
Table 1 - VES Air Discharge Sample Analytical Results
Table 2 - Groundwater Sample Analytical Results
Table 3 - Comparison of Groundwater Sample Analytical Results October 2002 and February 2004 Sampling
Laboratory Analytical Reports

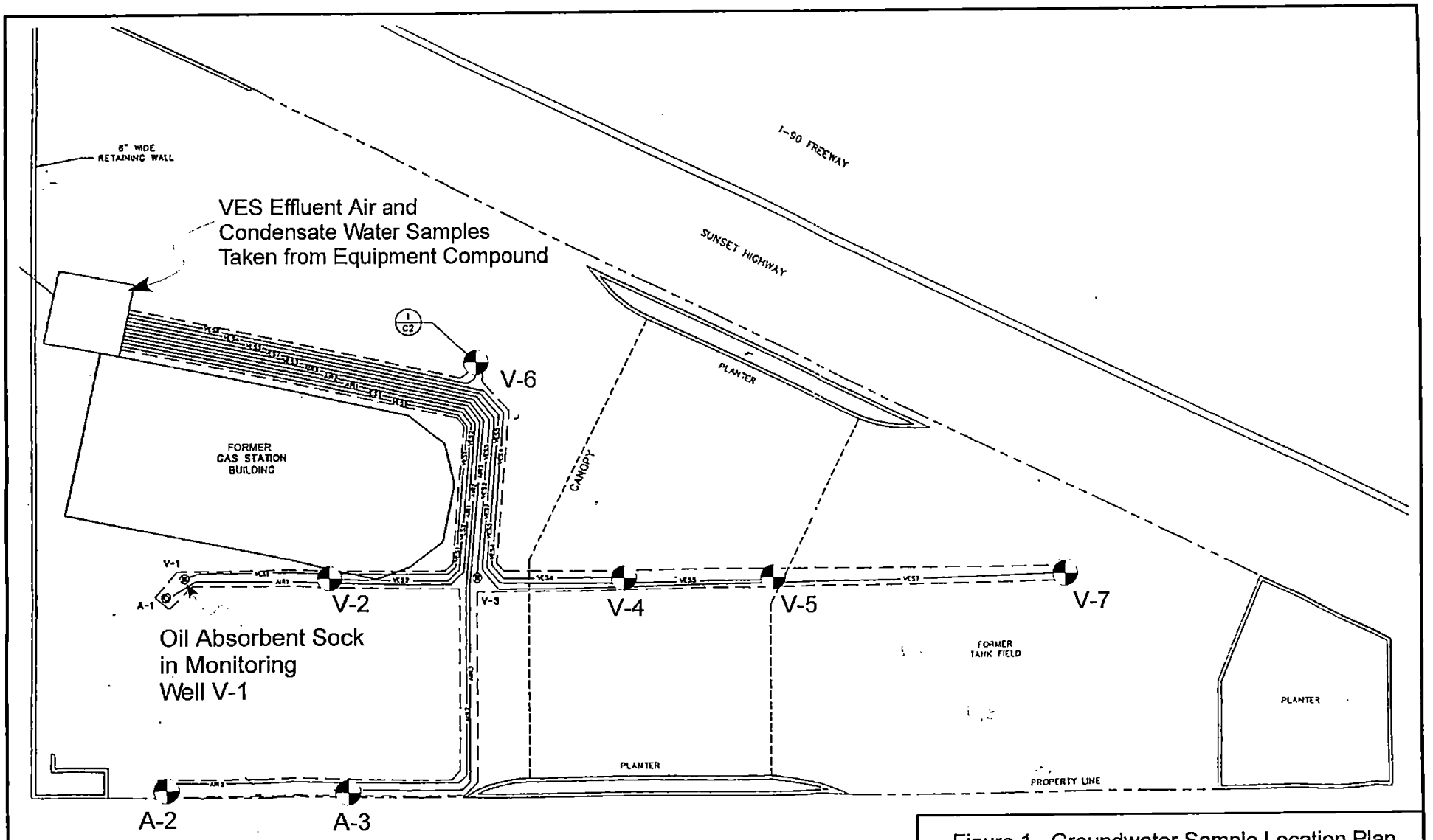


Figure 1 - Groundwater Sample Location Plan

Tully's Coffee Site
7811 SE 27th Street
Mercer Island, Washington

Legend

February 2004 Groundwater Sample Locations

0 20'

Scale 1" = Approx. 20 feet

North

Project No.	WES - 1249
Date	Feb 19, 2004
File ID.	12492004F1

Whitman Environmental Sciences

Table 1
Tully's Coffee Mercer Island Site
VES Effluent Air Sample Analytical Results
January 2004

Sample I.D.	Laboratory Analytical Results in ug/l (ppb)				
	Gasoline Range TPH (NWTPH-G)	Benzene	Toluene	Ethylbenzene	Total Xylenes
EFF 1-04	ND (<50)	ND (<1)	ND (<1)	ND (<1)	4

Table 1 Notes:

NWTPH -G - Total Petroleum Hydrocarbons by Northwest Method NWTPH-G for petroleum in the gasoline range. Note that this laboratory method is intended for analysis of soil and groundwater samples. There is no industry accepted standard method for analysis of vapor phase petroleum hydrocarbon concentrations.

ND (<X.) - Not Detected by Analysis at levels above the noted detection limit

Table 2
Tully's Coffee Mercer Island Site
Groundwater Sample Analytical Results
February 2004 Sampling

Sample I.D.	***Laboratory Analytical Results in mg/l (ppm)***					
	Diesel and Oil Range TPH (NWTPH-Dx)	***Gasoline Range TPH (NWTPH-G)***	***Benzene***	***Toluene***	***Ethylbenzene***	***Total Xylenes***
A-2	***Diesel: 2.0*** Oil: ND (<0.27)	0.62	0.005	0.003	0.040	0.007
A-3	NA	***1.37***	***0.410***	0.006	0.050	0.067
V-2	Diesel: 0.43 Oil: ND (<0.27)	ND (<0.050)	***0.009***	0.002	ND (<0.001)	0.003
V-4	***Diesel: 4.4*** Oil: ND (<0.27)	***1.2***	***0.140***	0.052	0.010	0.230
V-5	***Diesel: 3.4*** Oil: ND (<0.27)	***1.5***	***0.067***	0.022	0.043	0.31
V-6	***Diesel: 37*** Oil: ND (<2.5)	***130***	***13***	***22***	***4.3***	***24***
V-7	Diesel: 0.19 Oil: ND (<0.27)	0.059	0.002	ND (<0.001)	ND (<0.001)	0.003
Model Toxics Control Act Method A Cleanup Level	***0.5***	***0.800***	***0.005***	***1.000***	***0.700***	***1.000***

Table 2 Notes:

NWTPH-Dx - Total petroleum hydrocarbons by Northwest Method NWTPH-D (extended), for petroleum in the diesel fuel and oil ranges.

NWTPH -G - Total Petroleum Hydrocarbons by Northwest Method NWTPH-G for petroleum in the gasoline range.

ND (<X.X) - Not Detected by Analysis at levels above the noted detection limit

NA - Not analyzed. There was insufficient sample volume to conduct this analysis.

Reported concentrations above Model Toxics Control Act Method A Cleanup Levels are shown in ***BOLD ITALIC***.

Table 3
Tully's Coffee Mercer Island Site
Comparison of Groundwater Sample Analytical Results
October 2002 and February 2004 Sampling

Sample I.D.	***Sample Date***	***Laboratory Analytical Results in mg/l (ppm)***					
		Diesel and Oil Range TPH*	***Gasoline Range TPH (NWTPH-G)***	***Benzene***	***Toluene***	***Ethylbenzene***	***Total Xylenes***
A-2	10/17/2002	ND (<5)*	ND (<0.1)	0.00319	ND (<0.001)	ND (<0.001)	ND (<0.002)
A-2	2/12/2004	***Diesel: 2.0*** Oil: ND (<0.27)	0.62	0.005	0.003	0.040	0.007
A-3	10/17/2002	ND (<5)*	***1.37***	***1.97***	0.00984	0.162	0.0584
A-3	1/19/2004	NA	***1.4***	***0.410***	0.006	0.050	0.067
V-4	10/17/2002	NA	***36.5***	***1.63***	***4.09***	***2.65***	***5.76***
V-4	2/12/2004	***Diesel: 4.4*** Oil: ND (<0.27)	***1.2***	***0.140***	0.052	0.010	0.230
V-5	10/17/2002	ND (<5)*	***107***	***2.22***	***1.2***	***1.17***	***6.56***
V-5	2/12/2004	***Diesel: 3.4*** Oil: ND (<0.27)	***1.5***	***0.067***	0.022	0.043	0.31
Model Toxics Control Act Method A Cleanup Level		***0.5***	***0.800***	***0.005***	***1.000***	***0.700***	***1.000***

Table 3 Notes:

*October 2002 testing for Diesel and Oil Range total petroleum hydrocarbons conducted by EPA Method 1664 (gravimetric method), not directly comparable to the results of February 2004 analyses, by Washington Method NWTPH-D(x).

NWTPH -G - Total Petroleum Hydrocarbons by Northwest Method NWTPH-G for petroleum in the gasoline range.

ND (<X.X) - Not Detected by Analysis at levels above the noted detection limit

NA - Not analyzed. There was insufficient sample volume to conduct this analysis.

Reported concentrations above Model Toxics Control Act Method A Cleanup Levels are shown in ***BOLD ITALIC***.

CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: WHITMAN ENVIRONMENTAL SCIENCES
5508 35TH AVE NE
SEATTLE, WA 98105

DATE: 1/23/04
CCIL JOB #: 401046
CCIL SAMPLE #: 1
DATE RECEIVED: 1/19/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: DAN WHITMAN

CLIENT PROJECT ID: WES-1249 TMI
CLIENT SAMPLE ID: EFF 1-04 1/19 3:30

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	UG/L	1/20/04	LAH
BENZENE	EPA-8021	ND(<1)	UG/L	1/20/04	LAH
TOLUENE	EPA-8021	ND(<1)	UG/L	1/20/04	LAH
ETHYLBENZENE	EPA-8021	ND(<1)	UG/L	1/20/04	LAH
XYLENES	EPA-8021	4	UG/L	1/20/04	LAH

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:

8620 Holly Drive • Everett, WA 98208 • 425 356-2600 • FAX 425 356-2626 • Seattle 206 292-9059

CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: WHITMAN ENVIRONMENTAL SCIENCES
5508 35TH AVE NE
SEATTLE, WA 98105

DATE: 1/23/04
CCIL JOB #: 401046

DATE RECEIVED: 1/19/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: DAN WHITMAN

CLIENT PROJECT ID: WES-1249 TMI

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
401046-01	NWTPH-GX	TFT	99
401046-01	EPA-8021	TFT	107

APPROVED BY:

8620 Holly Drive • Everett, WA 98208 • 425 356-2600 • FAX 425 356-2626 • Seattle 206 292-9059

CCI Analytical Laboratories
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
http://www.ccilabs.com

Laboratory Analysis Request

Date _____ Page _____ Of _____

PROJECT ID: [illegible]
REPORT TO COMPANY: [illegible]
PROJECT MANAGER: [illegible]
ADDRESS: [illegible]
PHONE: [illegible] FAX: [illegible]
P.O. NUMBER: E-MAIL:

INVOICE TO COMPANY: [illegible]
ATTENTION: [illegible]
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	Ethylene dibromide (EDB) by EPA-8260 ☐ EPA-504.1 ☐	1,2 Dichloroethene (EDC) by EPA-8260	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. [illegible]	[illegible]	[illegible]	[illegible]				X	X												[illegible]		
2.																						
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

REPORT COPY

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [illegible]
   Received By: [illegible]
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify:

* Turnaround request less than standard may incur Rush Charges

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

February 2, 2004

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on January 22, 2004 from the Tully's Mercer Island, WES-1249. F&BI 401136 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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 should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Eric Young
Project Manager

Enclosures
WES0202R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/04
Date Received: 01/22/04
Project: Tully's Mercer Island, WES-1249, F&BI 401136
Date Extracted: 01/23/04
Date Analyzed: 01/23/04, 01/24/04 and 01/27/04

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 61-136)
A-2 401136-01	3	1	29	7	380	109
A-3 401136-02	410 ve	6	50	67	1,400	105
V-2 401136-03	6	<1	2	15	69	102
V-6 d 401136-04	13,000	22,000	4,300	24,000	130,000	104
Method Blank	<1	<1	<1	<3	<50	84

ve - The value reported exceeded the calibration range established for this analyte.

d - The sample was diluted.

Date of Report: 02/02/04
Date Received: 01/22/04
Project: Tully's Mercer Island, WES-1249, F&BI 401136
Date Extracted: 01/25/04
Date Analyzed: 01/26/04

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL USING METHOD NWTPH-Dx
Extended to Include Motor Oil Range Compounds

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 59-147)
V-6 d 401136-04	37,000	<2,500	86
Method Blank	<50	<250	85

d - The sample was diluted. Detection limits have been raised and surrogate recoveries may not be meaningful.

Date of Report: 02/02/04
Date Received: 01/22/04
Project: Tully's Mercer Island, WES-1249, F&BI 401136

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 401029-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	µg/L (ppb)	56	50	11
Toluene	µg/L (ppb)	190	170	11
Ethylbenzene	µg/L (ppb)	<40	<40	nm
Xylenes	µg/L (ppb)	140	130	7
Gasoline	µg/L (ppb)	60,000	54,000	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	µg/L (ppb)	25	97	99	77-116	2
Toluene	µg/L (ppb)	25	99	97	64-126	2
Ethylbenzene	µg/L (ppb)	25	100	100	67-124	0
Xylenes	µg/L (ppb)	75	100	100	71-121	0
Gasoline	µg/L (ppb)	1,000	95	98	49-119	3

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

Date of Report: 02/02/04
Date Received: 01/22/04
Project: Tully's Mercer Island, WES-1249, F&BI 401136

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	µg/L (ppb)	2,500	99	100	77-135	1

40130 SAMPLE CHAIN OF CUSTODY

Page # ______ of ______

Send Report To Tom Whitman

Company Whitman Env.

Address

City, State, ZIP

Phone # 523-5505 Fax # 523-0824

SAMPLERS (signature)

PROJECT NAME/NO Tully's Mercer Island

PO # WES-1249

REMARKS 3 of 4 are past holding time

TURNAROUND TIME
() Standard (2 Weeks)
() RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
() Dispose after 30 days
() Return samples
() Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS						Notes
A-2	01 A-C	1-14				X	X										HOLD
A-3	02 A-C	1-14				X	X										HOLD
V-2	03 A-C	1-14				X	X										HOLD
V-6	04 A-C	1-14				X	X	X									

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: [signature]	Tom Whitman	WES	1-22-04	3:45
Received by: [signature]	Eric Young	FBI	1-22-04	3:46
Relinquished by:				
Received by:				

FORMS\COC\COC.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

February 23, 2004

Dan Whitman, Project Manager
Whitman Environmental Sciences
5508 35th Ave. NE
Seattle, WA 98105

Dear Mr. Whitman:

Included are the results from the testing of material submitted on February 13, 2004 from the Mercer Island Tully's, WES-1249, F&BI 402119 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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 should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Eric Young
Project Manager

Enclosures
WES0223R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/23/04
Date Received: 02/13/04
Project: Mercer Island Tully's, WES-1249, F&BI 402119
Date Extracted: 02/18/04
Date Analyzed: 02/18/04

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 61-136)
Condensate 402119-01	2	4	1	12	220	102
V-2 402119-02	9	2	<1	3	<50	70
V-4 402119-03	140 ve	52	10	230	1,200	126
V-5 402119-04	67	22	43	310 ve	1,500	112
V-7 402119-05	2	<1	<1	3	59	105
A-2 402119-06	5	3	40	7	620	121
Method Blank	<1	<1	<1	<3	<50	104

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration is an estimate.

Date of Report: 02/23/04
Date Received: 02/13/04
Project: Mercer Island Tully's, WES-1249, F&BI 402119
Date Extracted: 02/17/04
Date Analyzed: 02/18/04

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL USING METHOD NWTPH-Dx
Extended to Include Motor Oil Range Compounds

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 59-147)
Condensate 402119-01	540	<250	97
V-2 402119-02	430	<270	91
V-4 402119-03	4,400	<270	94
V-5 402119-04	3,400	<270	90
V-7 402119-05	190	<270	91
A-2 402119-06	2,000	<270	97
Method Blank	<50	<250	94

Date of Report: 02/23/04
Date Received: 02/13/04
Project: Mercer Island Tully's, WES-1249, F&BI 402119

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 402116-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	µg/L (ppb)	19	21	10
Toluene	µg/L (ppb)	32	33	3
Ethylbenzene	µg/L (ppb)	5	5	0
Xylenes	µg/L (ppb)	18	22	20
Gasoline	µg/L (ppb)	110	340	a

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	µg/L (ppb)	25	102	104	77-116	2
Toluene	µg/L (ppb)	25	92	92	64-126	0
Ethylbenzene	µg/L (ppb)	25	87	85	67-124	2
Xylenes	µg/L (ppb)	75	88	85	71-121	3
Gasoline	µg/L (ppb)	1,000	82	92	49-119	12

a - The analyte was detected at a level less than five times the detection limit. The RPD results may not provide reliable information on the variability of the analysis.

Date of Report: 02/23/04
Date Received: 02/13/04
Project: Mercer Island Tully's, WES-1249, F&BI 402119

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	µg/L (ppb)	2,500	91	94	77-135	3

402119

SAMPLE CHAIN OF CUSTODY E Y 02-13-04 V3/C05

Send Report To Hillman Env.

Company

Address

City, State, ZIP

Phone # Fax # 206-523-0224

SAMPLERS (signature)

PROJECT NAME/NO. Mercer Island Tully's

PO # DES -1249

REMARKS

Page # ____ of ____

TURNAROUND TIME
[] Standard (2 Weeks)
[] RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
[] Dispose after 30 days
[] Return samples
[] Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS					Notes
Condensate	01 A-C	2-12	PM	H_2O	3	X	X	X								
V-2	02 A-C	"	|	|	|	X	X	X								
V-4	03 A-C	"	|		|	X	X	X								
V-5	04 A-C	"			|	X	X	X								
V-7	05 A-C	"				X	X	X								
A-2	06 A-C	"	V	V	V	X	X	X								

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: [signature]	Tim Hillman	DES	2-13	10:00
Received by: [signature]	Eric Young	FBI	2.13	10.00
Relinquished by:				
Received by				

FORMS\COC\COC.DOC

LETTER OF TRANSMITTAL

Whitman Environmental Sciences

5508 35th Avenue NE, Suite 108
Seattle, Washington 98105

Phone: (206) 523-3505
Fax: (206) 523-0224

Date: March 4, 2004

Project No.: WES-1249

RE: Mercer Island Report

To: Ms. Kate Hasz
Tully's Coffee, Inc.
3100 Airport Way S.
Seattle, WA 98134

Via:

x	Mail		Courier
	UPS		Hand Deliver
	Overnight		Other

Please find enclosed the following documents:

No. of Copies	*Date*	*Description*
2	3/1/2004	Site Status Report

Message: Kate: Here are the final copies of the groundwater monitoring and status report for the sampling conducted in January and February.

If you need anything else, please feel free to contact me.

Thank you,

Dan Whitman

Copies to:

Dept. of Ecology, NWRO (1)

From: