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# UNDERGROUND STORAGE TANK

WA State Department of Ecology (SWRO)

# SITE CHARACTERIZATION

REPORT

Conducted at:

7202 South Park Avenue Tacoma, WA

Prepared for:

Owner DOE TPCHD

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MAY 1 2 1999

Tecoma-Ploroe County Health Dept.

April 20, 1999

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# 1. EXECUTIVE SUMMARY

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AA ENVIRO ASSESSMENT, INC. (AEA) served as the owner's representative in the Underground Storage Tank (UST) removal/decommissioning project and Site Characterization conducted at 7202 South Park Avenue, Tacoma, WA. Fieldwork included observing the excavations, piping, service islands, decommissioning, soil sampling/laboratory analysis, and the removal of five (5) regulated UST'S on October 16 of 1998. Our observations and findings were then compiled to prepare a site closure report.

Our investigations of the subject site were conducted under the guidelines set forth in the Washington State Department of Ecology "Guidance for Site Checks and Site Assessments for Underground Storage Tanks" (October, 1992 revision), and Tacoma Pierce County Health Department (TPCHD) content and form requirements for Underground Storage Tank and Site Assessment/Tank Closure requirements.

During the excavation process, visual observation conducted during the tank removal revealed readily detectable contaminants on and around tank #1 and petroleum contamination was observed in the soils around and below all the tanks in the major excavation. Over excavating proceeded in the major tank excavation, both pump islands, and the waste oil tank excavation, and the non regulated heating oil excavation. Soil samples were collected from the bottom of the tanks and along the sidewalls of the excavations, along the piping, and under the pump islands.

During the excavation process for the piping and pumps, visual observation conducted revealed hydrocarbon odors and petroleum contaminated soil (PCS) under both pump islands. A total of 721.55 was over excavated and hauled off site to TPS Technologies, Inc. Final soil samples were collected from under the piping and pumps as required and in consultation with Mark LaVergne of TPCHD. Based on laboratory results, no hydrocarbon contamination above cleanup standards was left in the excavations, and under the piping and pump island #1. PCS are still present in the north sidewall of pump island #2. Over excavation took place up to the sidewalk along  $72^{nd}$ , and further excavtion was not conducted beneath the sidewalk.  $170^{o}$  ppm-6m

Upon receipt of the laboratory results, the site was backfilled with existing stockpiled soils and gravel.

Based on our investigations and observations, and laboratory results, AEA recommends closure of this site. No further environmental work is recommended for the site at this time. To my knowledge, it is not expected to "chase" the PCS beneath the sidewalk.

# II. BACKGROUND AND INTRODUCTION

The subject site is located at 7202 South Park Avenue, Tacoma, WA. Zoning in the area is considered Commercial. The site is relatively flat, and is covered with asphalt. A small home is located directly adjacent to the site west. Tai-Le market is located across 72<sup>nd</sup> north. Across South Park Avenue to the east is 72<sup>nd</sup> Deli and Market on the corner. Adjacent south is Park Avenue Foods.

The subject operated a grocery store roughly 73 years ago. In 1956, the store was demolished. In 1956, a new store was built. Between 1958 and 1960 the tanks were were installed with the exception of tank #1. Tank #1 was installed in approximately 1975.

### III. UST DATA

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All UST's were single wall steel and the piping was also steel. The UST system is believed to have been suction.

The major tank excavation consisted of four (4) UST's. Information on the tanks is as follows:

Tank ID	Tank Capacity	Age	Substance Stored	Dimensions
1	10,000	17	gasoline	8' by 27'9"
2	3,000	40	gasoline	6' by 13'
3	3,000	40	gasoline	6 by 13'
4	2,000	40	Diesel	6' by 9'

Waste Oil tank – 500 gallon, 40 years old, 3' by 5'. Heating Oil tank – 500 gallon, 40 years old, 3' by 5'.

Cable and telephone are located underground. Everything else is overhead.

# IV. GEOLOGICAL INFORMATION

# Soils/Hydrogeology

Soils at the subject site are the Alderwood series, brown loamy sand to sandy loam, weather till over compact glacial till, and appears to be classified as SM under the Unified Soil Classification System, and may be described as Alderwood gravelly sandy loam according to the USDA-Soil Conservation Service Soil Survey of Pierce County Area. Water was not encountered at depths up to 15 feet. The general area consists of lenses of groundwater at varying depths. The regional aquifer has depths to groundwater generally between 80 to 100 feet and sits beneath the city of Tacoma. The inferred directional flow of groundwater appears to be west. The nearest body of water is Wapato Lake located approximately 1 mile west of the site. The site receives it's water from the City. There are no private wells within ½ mile radius of the site.

# V. DISCUSSION

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On October 15, 1998, four (4) UST's were decommissioned according to all local, County, State, and Federal regulations.(tanks 1,2,3,4) All applicable permits were acquired for the project and are attached in Appendix D.

The tanks were pumped and triple rinsed by Amalgamated Services, Inc. Once the project was completed, Liberte called Amalgamated Services located in Sumner, WA. All tanks were transported off site to Pearson Metal Salvage, Inc., located in Tacoma for disposal, (See Appendix E).

Prior to the removal, the tanks were inerted utilizing dry ice.

# MAJOR TANK EXCAVATION

Tanks 1,2,3 and 4 were removed from the subsurface on October 15, 1998. There was a 6 inch cover of asphalt, and a 3 foot cover of soil to the top of the tanks, and 11 feet to the bottom of the tanks. There were petroleum contaminated soils observed around the fill pipe area of tank 4. Strong hydrocarbon odors were detected within the excavation.

The tanks were then marshaled from the excavation pit, and secured adjacent to the cavity, and inspected. The tanks were in reasonably good condition with no evidence of pitting/cell corrosion on the tanks.

There was no water seepage observed in the excavation pit. Approximately 35 cubic yards of uncontaminated soils from above the tanks were temporarily placed on visqueen adjacent to the excavation pending laboratory results.

The tanks were loaded on a truck for safe transport on October 15 and 16, 1998.

During the tank removal, no underground utility lines, sewers, storm drains, drop boxes, or overhead power lines were disrupted or altered by the tank pit excavation as there were none of these fixtures within the operating area of the tank closure.

Due to the lack of space on site, trucks were lined up and petroleum contaminated soils were excavated and loaded onto the trucks and transported to TPS Technologies for proper disposal and treatment. PCS were transported off site from October 20 through October 26, 1998.

On October 15, 1998 soil samples were collected from the stockpile (SP1, SP2) and one from the excavation (PCS1) as a representative sample of contamination concentrations of the soils within the excavation.

PCS1 was well above MTCA Method A cleanup standards at 5300ppm for gas, and 3200ppm for diesel. Cleanup standards for gas are 100ppm, and diesel are 200ppm.

On October 16, over excavating proceeded within the major excavation. Approximately 2.5 feet from the south sidewall, and 2 feet from the north sidewall, and 3 to 4 feet from the bottom was overexcavated.

Upon completion, on October 21, soil samples were collected from the cavity floor and from the sidewalls of the pit cavity. (E1 through E10) The soil samples were analyzed for Hydrocarbon Identification by WTPH-Gx, WTPH-Dx, BTEX, and Total Lead. The results for all samples were non-detect or below cleanup standards. The results for the stockpiled soil samples were non-detect.

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Both the waste oil tank and the heating oil tank were removed. The heating oil tank is not an issue in this report as it is not regulated.

Samples were collected from beneath the waste oil tank and both ends. (WO1, WO2, WO3) and analyzed for WTPH-Dx Extended, Specific Halogenated Hydrocarbons and BTEX, PCB's, Lead, RCRA 8. Laboratory results were above cleanup standards for heavy oil in sample WO1 at 930ppm.

Over excavating proceeded another 3 feet in depth and WO1B was collected. The analyses results were below cleanup standards at 130ppm for heavy oil.

Soil samples were placed in Transglobal Environmental Geosciences Northwest, Inc. supplied airtight 4 oz. glass containers. The samples were then placed in a cooler for sample integrity and transported to TEG for analysis.

Tables A, and B, showing the results of chemical analysis of the soils collected from the excavations and stockpiled clean soils is presented below:

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TABLE A

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**RESULTS OF FIELD SCREENING AND CHEMICAL ANALYSIS SAMPLING OF SOHS** 

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EPA 8020	WTPII-G (mg 'kg)		nd	po					1   -	-				
ig results	Shcen		00.											
Field Screening results	lleadspace vapors (ppm)											1		
	Analyzed		D-11-98	10-16-98	10-40-95				2					
	Depth		1.5.1	1.5'	11.'			4						
	sample Location	SEE DIAGRAM	Sterklaic	Spick pilc	•									
	Sample ID #		1.5	SK	PUSI									

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Note: Field Test Using a Gastec GT 202 PII) meter

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TABLE D

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RESULTS OF FIELD SCREENING AND CHEMICAL ANALYSIS SAMPLING OF SOILS

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ing results	Sheen																	
Field Screening results	lleadspace vapors (ppm)																٠	
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	Sample ID #			EI	EZ.	E3	EN	Ë5	Ele	EF	ES	E9	ÊЮ	P3		ew antentifutt *		Note: Field Tes

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RESULTS OF FIELD SCREENING AND CHEMICAL ANALYSIS SAMPLING OF SOILS

EPA 8020	WT111-13 PCB5 metals mg/kg) Dutad		nd nd nd	nd	M	An						
	Sheen WIPII-' (mg 'kg)		930	PU	PU	SIO						
	Dute Headspace Sheen (ppm)		D-21-99									
	Sample Depth A										qd	
	Sample Location	SEE DIAGRAM	<b>1</b>							*	* ludicates water sample, in ppb	
	Sample ID #		1001	WUZ	6,001	H01					<ul> <li>Indicates wa</li> </ul>	

Note: Field Test Using a Gaster GT 202 PII) meter

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# TRANSOLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

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SOUTH PARK PROJECT Tacoma, Washington A A Environmental Assessment, Inc.

# Specific Halogenated Hydrocarbons and BTEX (BPA 8021B) in Soil

Sample-Number	MDL	HERE Method Blank	WO1	MS	MSD	RPD
Date	mg/kg	10/21/98 mg/kg	10/21/98 mg/kg	10/21/98 %	10/21/98 %	10/21/98
			********		<i></i>	*****
Vinylchioride	0.05	nd	nd		•-	**
Benzene	0.05	nd	0.24	82	89	8.2%
Toluene	0.05	nd	nd	86	82	4.8%
Ethylbenzene	0.05	nd	nd	••		•-
Total-Xylene	0.05	nd	nd	••		
1,1 Dichloroethene	0.05	nd	nd		••	
Dichloromethane	0.05	nd	nd	••	••	
Trans-1,2 Dichloroethene	0.05	nd	nd	•-	•-	
1,1 Dichloroethane	0.05	nd	nd	••	••	••
Cis-1,2 Dichloroethene	0.05	nd	nd	••		
Chloroform	0.05	nd	nd			••
1,1,1 Trichloroethane	0.05	nd	nd	••	••	••
Carbon Tetrachloride	0.05	nd	nd	**		
1,2 Dichloroethane	0.05	nd	nd	**	••	
Trichloroethene	0.05	กป	nd	82	82	0.0%
1,1,2 Trichloroethane	0.05	nd	nd		••	••
Tetrachloroethene	0.05	nd	nd	**	**	••
1,1,1,2-Tetrachloroethane	0.05	nd	nd	••	•-	••
1,1,2,2.Tetrachloroethane	0.05	nd	nd		••	••
Chlorobenzene	0.05	nd	nd	111	120	7.8%
Spike Recovery (%)		70	81	96	117	19.7%

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"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

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# PIPING AND PUMP ISLAND EXCAVATION PROCESS

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On October 22, 1998, the excavation and removal of the piping and pump island process was conducted. The piping (associated lines) was located directly beneath the asphalt. Visual and olfactory observation noted strong hydrocarbon odors beneath both islands. The dispensers did not exist at the time, so exactly how the soils were impacted is only assumptions. There was no visible punctures, tears, or loose joints in the piping, odors were not detected beneath the piping. One soil sample was collected (L1), and the result was non-detect. Field screening and sheen testing indicated PCS above MTCA cleanup standards beneath both islands. The island was excavated to depths of 10 feet beneath island # 1. Two soil samples were collected (P1 and P2) and analyzed for gas, diesel, and lead. Analyses results were non-detect or below cleanup standards. Again, all PCS were continually transported off site to TPS.

Over excavation proceeded beneath Pump Island #2 due to obvious visual and olfactory evidence of PCS. At approximately 10 feet in depth, one composite soil sample was collected and analyzed for gas, diesel, and BTEX.(P4). Further over excavation proceed north toward 72<sup>nd</sup> street and one sample was collected and analyzed for WTPH-HCID for hydrocarbon identification between 5 and 8 feet in depth.(SW72) Upon completion of analyses, gasoline was detected.

Table C, showing the results of chemical analysis of the soils collected from the piping, islands, and stockpiled PCS is presented below:

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TABLE C

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**RESULTS OF FIELD SCREENING AND CHEMICAL ANALYSIS SAMPLING OF SOILS** 

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	÷		Je -	PU				•				-
	m		Nd	Nd	pq	-						
20	WTP11-D mg/kg) f		Pu	nd.	M.	TRANST	Pu					
EPA 8020	(QIT)H) (BA), Bu) (D-IId.LM)		Pl	nd	17	Par						
Field Screening results	lleadspace vapors (ppm)											
	Date Analyzed		10-72-98-	10-22-95	122-95	•		• . 1				
_	Depth		,		•							q
	sample Location	SEE DIAGRAM									 •	* Indicates water sample, in ppb
	Sample ID #		<i>L</i> J	ld .	hd.	LEUZ	62					* Indicates wa

Note: Field Test Using a Gastec GT 202 PID meter

ENVERO ASSESSAENT 1

Over excavation again proceeded to a depth of 10 feet and all the way to the sidewalk at 72<sup>nd</sup> Street on October 26, 1998. Sample SW72B was collected and results were above cleanup standards for gas at 770ppm.

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Final samples were collected and analyzed and all results were below cleanup standards with the exception of SW72B.

Soil samples were placed in TEG supplied air tight glass containers. The samples were then placed in a cooler for integrity and transported to the laboratory for analysis. Laboratory analysis reports and chain-of-custody records are provided in Appendix C.

Table 3, showing the results of all finalchemical analysis of the soils collected is presented below:

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# RESULTS OF FIELD SCREENING AND CHEMICAL ANALYSIS SAMPLING OF SOILS

				Field Screening results	ing results	1:PA 8020	120					1000
Sample ID #	Sample Location	Sample Depth	Date Analyzed	lleadspace vapors (ppm)	Sheen	WTI''II-D¢ (n)g 'kg) Dić >c-	WTPH-IX mg/kg) hzadol	ß	.1.		. ×	lont cx (wy-ta)
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	SEE DIAGRAM											
HeiB		9,	10-20-99		OU	84_	84				1	
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Sw 72W		<i>%</i>			20	Jul-	ЪС-					
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ALFUZ A	Pr.		10-22-01	* 7420 PD (nuites)	•							 
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	N						NN-1	());]]				
Note: Field Te	Note: lield Test Using a Gastec GT 202 PII) meter	GT 202 PI	ll) meter			·	1881 SSAUSSI		**			

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A total of 721.55 tons of PCS were transported off site to TPS for treatment and disposal. (See appendix E).

# VI. QUANTITATIVE ANALYSIS

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Soil samples were collected from over excavated sidewalls and bottoms. Soil samples were also collected from beneath over excavated pump islands, and clean stockpiled soils. The samples were analyzed in accordance with DOE requirements for underground storage tank decommissioning. The samples were also collected and analyzed with the approval of Mark Lavergne, TPCHD. Independent laboratory analyses were performed by Transglobal Environmental Geosciences Northwest, Inc., 7110 38th Drive SE, Lacey, WA. All laboratory reports and chain-of custody records are provided in Appendix C.

# VII. METHODS OF SAMPLING

Soil samples were collected using a backhoe bucket and hand tools. Samples were selected from at least 6 inches into the soil to ensure collection from unexposed areas and to minimize the loss of volatile contaminants. Tools were decontaminated between samples with Alconox solution wash and TSP rinsate followed with a distilled water rinse.

# VIII. CONCLUSIONS

There was five (5) regulated underground storage tanks successfully decommissioned and removed from the subject site in October of 1998. The PCS found beneath the tanks and dispensers suggests the impact to the soil was most likely due to overfill, leaky joints, leaks from filters and union joints.. Cavity closure samples were collected for analysis following the excavation of the tanks and soils. The independent laboratory analysis indicated that all samples collected from the tank cavity yielded no contamination levels above MTCA Method A cleanup standards with the exception of SW72B.

The subject site was backfilled with existing stockpiled soils and gravels. backfilled with Groundwater or seepage was not encountered.

Based on the results of our observations, investigations, and laboratory analysis, it appears that the subject site meets MTCA Method A Cleanup Standardswith the exception of the PCS located beneath the sidewalk along 72<sup>nd</sup>. The depth of PCS appears to be approximately 4 to 6 feet bgs. The length of PCS running along 72<sup>nd</sup> is approximately 8 feet. Further investigation as to how far the PCS extends beneath the sidewalk was not conducted. Underground cable/phone lines were approximately 1 foot further north beneath the sidewalk and we were not comfortable digging any further beneath the sidewalk. Pierce County and DOE policy allows for clean up to the property line which is where the overexcavation stopped.

AEA recommends no further environmental impact work at this time. Due to the underground lines in the area of existing PCS, any attempt to determine the extent of PCS beneath the sidewalk should proceed with extreme caution and under the supervision of Underground Locator Service Representatives.

# VIIII. LIMITATIONS:

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AEA does not assume liability for any other potential release, threatened release or other conditions at the subject site.

AEA is not responsible for any claims, damages, or liabilities associated with the interpretations of findings presented in this report.

If you have questions, or need further information, feel free to call. We appreciate the opportunity to provide our services for this project.

Cathy J. Frey-Hartwell, Site Assessor

# PHOTOGRAPHS



Subject Site

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Tanks prior to removal



Tank.

Tanks 2,3,4

Waste Oil tank with pinholes in the end of tank.





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Pump Island I.



Pump Island 2 (after overexeating to sidewalk.



Waste Oil tank excavation.

# Appendix A

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Appendix B

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# MTCA Method A Cleanup Standards

# Cleanup Levels

Hazardous Substance	Ground Water	Soil
Benzene	5 ppb <sup>1</sup>	0.5 ppm
Ethylbenzene	30 ppb	20.0 ppm
Toluene	40 ppb	40.0 ppm
Xylene	20 ppb	20.0 ppm
Total Petroleum Hydrocarbons (TPH):		
Gasoline TPH	1000 ppb	100.0 ppm
Diesel & Other TPH	1000 ppb	200.0 ppm
Total Lead	5 թթԵ	250.0 ppm

<sup>1</sup> If the amount of benzene in ground water is above 1 ppb, the owner or operator must submit a state remedial investigation/feasibility report (WAC 173-340-450(5)(a)(i).

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# TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST, INC.

# 7110 38th Drive SE Lacey, Washington 98503

Mobile Environmental Laboratories Environmental Sampling Services

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Telephone: Fax: 360-459-4670 360-459-3432

October 19, 1998

Cathy Frey-Hartwell AA Enviro Assessment, Inc. 6501 27th Lane SE Lacey, WA 98503

Dear Ms. Frey-Hartwell:

Please find enclosed the analytical data report for the South Park Project in Tacoma, Washington. Soil samples were analyzed for Diesel Range Hydrocarbons by NWTPH-Dx, Gasoline by NWTPH-Gx and BTEX by Method 8020 on October 16, 1998.

The results of these analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is also enclosed for your records.

TEG Northwest appreciates the opportunity to have provided analytical services to AA Enviro Assessment for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

michaela Korosec

Michael A. Korosec President

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

Page 1

S. PARK PROJECT Tacoma, Washington AA Environmental Assessment, Inc.

===== Xylene Gasoline Recovery Benzene Toluene Eth Benz Sample Date mg/kg (%) mg/kg mg/kg mg/kg mg/kg Number Analyzed -----89 nd nd nd Meth. Blank 10/16/98 nd nd nd 78 nd nd nd SP1 10/16/98 nd 87 nd nd nd nd 10/16/98 nd SP1 Dup 89 nđ nd nd ŋđ SP2 10/16/98 nđ 47 5300 127 4.7 24 6.4 PCS1 10/16/98 0.05 10 0.05 0.05 0.05 **Detection Limits** 

Gasoline (NWTPH-Gx) & BTEX (EPA 8020) Analyses for Soils

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interferences prevent determination,

TREAR SPREAR ARCARS BEFARE REPARE STREAR ARCAR ARCAR

SPZ

50 cyds of currently stock piller

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 S. PARK PROJECT Tacoma, Washington AA Environmental Assessment, Inc.

Diesel Range Hydrocarbons in Soil by NWTPH-Dx

	essees	<b>===</b> ==		
Sample		Date	Recovery	Diesel
Number			(%)	mg/kg
	=====	=====	=====	=====
Meth. Blank		10/16/98	103	nd
PCS1		10/16/98	int	3200
Method Dete	ection Limit			20
•		d at the listed ring peaks pr		

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# S. PARK PROJECT Tacoma, Washington AA Environmental Assessment, Inc.

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# Gasoline (NWTPH-Gx) & BTEX (EPA 8020) Analyses for Soils

	======		=====	======	=====		
Sample	Date	Benzene	Toluene	Eth Benz	Xylene	Gasoline	Recovery
Number	Analyzed	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	(%)
**********		**************			******		***********
Meth. Blank	10/16/98	nd	nd	nd -	nd	nd	89
SP1	10/16/98	nd	nd	nd	nd	nđ	78
SP1 Dup	10/16/98	nd	nd	nd	nđ	nd	87
SP2	10/16/98	nd	nd	nd	nd	лd	89
PCS1	10/16/98	6.4	4.7	24	47	5300	127
Detection Li	mits	0.05	0.05	0.05	0.05	10	
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"nd" Indicates not detected at the listed detection limits.

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# TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST, INC.

7110 38th Drive SE Lacey, Washington 98503

Mobile Environmental Laboratories Environmental Sampling Services

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Telephone: 360-459-4670 Fax: 360-459-3432

November 3, 1998

Cathy Frey-Hartwell AA Enviro Assessment, Inc. 6501 27th Lane SE Lacey, WA 98503

Dear Ms. Frey-Hartwell:

Please find enclosed the analytical data report for the South Park Project in Tacoma, Washington. Soil samples were analyzed for Diesel Range Hydrocarbons by NWTPH-Dx, Diesel and Oil by NWTPH-Dx/Dx Extended, Specific Halogenated Hydrocarbons and BTEX by Method 8021B, PCBs by Method 8080, Lead by Method 7420, RCRA 8, Gasoline by NWTPH-Gx, and BTEX by Method 8020 on October 21, 22, and 28, 1998.

The results of these analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is also enclosed for your records.

TEG Northwest appreciates the opportunity to have provided analytical services to AA Enviro Assessment for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Michael a Korosee

Michael A. Korosec President

## **QA/QC FOR ANALYTICAL METHODS**

### **GENERAL**

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The TEG Northwest Laboratory quality assurance and quality control (QA/QC) procedures are conducted following the guidelines and objectives which meet or exceed certification/-accreditation requirements of California DOHS, Washington DOE, and Oregon DEQ. The Quality Control Program is a consistent set of procedures which assures data quality through the use of appropriate blanks, replicate analyses, surrogate spikes, and matrix spikes, and with the use of reference standards that meet or exceed EPA standards.

When analyses are taking place on-site with the mobile lab, the need for Field Blanks or Travel/Trip Blanks is eliminated. If there is going to be a delay before sample preparation for analysis, the sample is stored at  $4^{\circ}$  C.

# ANALYTICAL METHODS

TEG Northwest Labs use analytical methodologies which are in conformity with U. S. Environmental Protection Agency (EPA), Washington DOE, and Oregon DEQ methodologies. When necessary and appropriate due to the nature or composition of the sample, TEG may use variations of the methods which are consistent with recognized standards or variations used by the industry and government laboratories.

# TPH-Gasoline, TPH-Diesel (Gasoline and/or Diesel, Modified EPA 8015, NWTPH-Gx and NWTPH-Dx)

A check standard is run at the beginning of the day. 1) A close standard is run at the end of the day. 2) Both open and close standards must be within 15% of the continuing calibration curve value. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135% unless high sample concentrations interfere with the determination of the recovery percentage. A duplicate sample is run at a rate of 1 per 10 samples. At least 1 method blank is run per 20 samples analyzed.

# Purgeable Volatile Aromatics (BTEX, EPA 602/8020)

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A check standard is run at the beginning of the day. The check standard is run at the end of the day. Both open and close standards must be within 15% of the continuing calibration curve value. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135% unless high sample concentrations interfere with the determination of the recovery percentage. At least 1 method blank is run per day.

# Purgeable Volatile Halocarbons (Chlorinated Hydrocarbons, EPA 601/8021B)

A calibration standard is run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. At least 1 method blank is run per day.

# PCBs, Polychlorinated Biphenyls (EPA 8080, 8081)

A method blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The check standard may be run at the end of the day. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. Samples which measure outside of the linear range of the calibration curve must be carefully diluted to fall into the upper range of the linear calibration. A duplicate sample is run at a rate of 1 per 10 samples. At least 1 method blank is run per 20 samples analyzed.

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# SOUTH PARK PROJECT Tacoma, Washington A A Environmental Assessment, Inc.



# Gasoline (NWTPH-Gx) & BTEX (EPA 8020) Analyses for Soils

sample Number	Date Date Analyzed	Benzene mg/kg	Toluene mg/kg	Eth Benz mg/kg	Xylenc mg/kg	Gasoline mg/kg	кесочегу (%)
	10/21/98		nd	nd	nd	nd	89
Meth, Blank	•	0.05	nd	0.05	0.88	nd	91
E1	10/21/98	nd	nd	nd	nd	nd	101
132	10/21/98	nd	nd	nd	hn	กต์	82
E3	10/21/98	nd	nd	nd	nd	nd	114
E3 Dup.	10/21/98		nd	nd	nd	nd	99
134	10/21/98	nd .	-	nd ba	nd	nd	13
E5 .	10/21/98	hn	hn.		nd	nd	101
E6	10/21/98	nd	nd	nd		nd	100
E7	10/21/98	nd	nđ	nd	nd	nd	108
E8	10/21/98	nd	nd	nd	nđ	10	100
Detection Li	mits	0,05	0.05	0.05	0.05	10	

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"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interferences prevent determination.

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SOUTH PARK PROJECT Tacoma, Washington A A Environmental Assessment, Inc.

# Diesel Range Hydrocarbons in Soil by NWTPH-Dx

		****					
Sample		Date	Recovery	Diesel			
Number			(%)	mg/kg			
	****	Gesser	*****	5552 <sup>22</sup> 2			
Meth. Blank		10/21/98	98	nd			
E9		10/21/98	102	nd			
E10		10/21/98	97	nd 🗌			
P3		10/21/98	103	nd			
Method Detection Limit 20							
"nd" Indicates not detected at the listed detection limit.							
"int" Indicates	"int" Indicates that interforing peaks prevent determination.						

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SOUTH PARK PROJECT Tacoma, Washington A A Bavironmental Assessment, Inc.

#### Diesel and Oli in Soil by NWTPH-Dx/Dx-Extended

Sample <sup>'</sup> Number	 Date	Recovery %	Diesel mg/kg	Heavy Oil mg/kg
******	 NGREE	202255	*****	;
Meth. Blank	10/21/98	96	nd	nd
WO1	10/21/98	105	nd	930
WO2	10/21/98	70	nd	nđ
WO3	10/21/98	133	nd	Jaho Jaho
H01	10/21/98	. 86	nđ	(210)
MDL			20	40
••••••	 		*****************	*******

"nd" Indicates not detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

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Mark I left the site yesterday with instructions to overexcate another 3 to 5 feet in waste oil pit I foot in Heating oil pit. Will 4 'Swing, by the site today on Sattle idy nonce trom have results for dispensers yet, but if didn't bok good at the Island along 72<sup>nd</sup>, Took a sample of sidewall (swo12) if didnit for HLID. Strong, strange smell to BCRA8, Leal, & PCB's not in yet.

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SOUTH PARK PROJECT Tacoma, Washington A A Environmental Assessment, Inc.

### Diesel and Oil in Soil by NWTPH-Dx/Dx-Extended

*****	******			*****			
Sample		Date	Recovery	Diesel	Heavy Oil		
Number			%	mg/kg	mg/kg		
		<b></b>	****	#====	*****		
Meth. Blank		10/21/98	96	nd	nđ		
WOI		10/21/98	105	nd	930		
WO2		10/21/98	70	nd	nd		
WO3		10/21/98	133	nd	nd		
HOI		10/21/98	86	nd	210		
	•						
MDL				20	40		

"nd" Indicates not detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

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## SOUTH PARK PROJECT Tacoma, Washington A A Environmental Assessment, Inc.

### Heavy Metals in Soil by EPA-7000 Series

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EPA-Metho	EPA-Method #		
	Date	Pb	
		mg/kg	
=====	=====		
	10/28/98	nd	
	10/28/98	nd	
	10/28/98	nd	
	10/28/98	nđ	
	10/28/98	nd	
	EPA-Metho	EPA-Method # Date 10/28/98 10/28/98 10/28/98 10/28/98	

Method Detection Limit 5

"nd" Indicates not detected at the listed detection limit.

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SOUTH PARK PROJECT Tacoma, Washington AA Environmental Assessment

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### Polychlorinated Biphenyls (PCBs) in Soil (EPA Method 8080)

Sample Number	Date Date	Recovery %	====== 1221 mg/kg	1232 mg/kg	1242 mg/kg	====== 1248 mg/kg	1254 mg/kg	1260 mg/kg	Total mg/kg
Meth, Blank	10/28/98		nd	nd	nd	nđ	nd	nd	nd
W01 (10/21/98)	10/28/98	126	. nd	nd	nđ	nd	nđ	nd	nd
Detection Limit			0.05	0.05	0.05	0.05	0.05	0.05	0.05

"nd" Indicates not detected at the listed detection limits.

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"int" Indicates that interference peaks prevent determination.

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SOUTH PARK PROJECT Tacoma, Washington A A Environmental Assessment, Inc.

## Diesel and Oil in Soil by NWIPH-Dx/Dx-Extended

Sample Number	프 프 프 주 휴	HEREE Date	Recovery %	Diesel mg/kg	Heavy Oil mg/kg		
*****	****	=====		******	442242		
Meth. Blank		10/21/98	96	nd	nd		
WOI		10/21/98	105	nd	930		
WO2		10/21/98	70	nd	nd		
WO3		10/21/98	133	nd	nd		
HO1		10/21/98	86	nd	210		
					i		
MDL				20	<b>40</b> :		
*****			• •••••	************			
"nd" Indicates not detected at the listed detection limit.							

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"int" Indicates that interference peaks prevent determination.

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Client Name	TEG Northwest, Inc.
Client ID:	W01
Lab ID:	76476-01
Date Received:	10/21/98
Date Prepared:	10/22/98
Date Analyzed:	10/22/98
Dilution Factor	1
% Solids	89.36

# Metals by ICP - USEPA Method 6010

Sample results are on a dry weight basis.

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Analyte	Result (mg/kg)	PQL	Flags
Arsenic	ND	88	
Barium Cadmium	93 ND	1.1 18	
Chromium	46 52	2.2 33	
Lead Selenium	ND	180	
Sliver	ND	2.2	

Client Name Client ID: Lab ID: Date Received: Date Prepared: Date Analyzed: Dilution Factor % Solids

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TEG Northwest, Inc. W01 76476-01 10/21/98 10/22/98 10/22/98 1 89,36

## Mercury by CVAA - USEPA Method 7471

Sample results are on a dry weight basis.

Analyte Mercury	Result (mg/kg) ND	PQL 0.1	Flags
Mercury	ND	0.1	

Lab ID: Date Received: Date Prepared: Date Analyzed: Dilution Factor

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Method Blank - S070

10/22/98 10/22/98 1

## Metals by ICP - USEPA Method 6010

Sample results are on an as received basis.

	Result		
Analyte	(mg/kg)	PQL	Flags
Arsenic	ND	80	
Barium	ND	1	
Cadmium	ND	16	
Chromium	ND	2	
Lead	ND	30	
Selenium	ND	160	
Silver	ND	2	

### **Duplicate Report**

Client Sample ID: Lab ID: Date Prepared: Date Analyzed: QC Batch ID:

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SLUDGE CAKE 76404-01 10/22/98 10/22/98 S070

## Metals by ICP - USEPA Method 6010

Parameter Name	Sample Result (mg/kg)	Duplicate Result (mg/kg)	RPD %	Flag
Arsenic	0	0	NC	
Barlum	120	120	0.0	
Cadmium	0	0	NC	
Chromium	9.7	12	-21.0	
Lead	0	0	NC	
Selenium	0	0	NC	
Silver	25	28	-11.0	

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#### Matrix Spike Report

Client Sample ID: Lab ID: Date Prepared: Date Analyzed: QC Batch ID:

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SLUDGE CAKE 76404-01 10/22/98 10/22/98 \$070

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### Metals by ICP - USEPA Method 6010

Parameter Name Arsenic	Sample Result (mg/kg) 0	Spike Amount (mg/kg) 3060	MS Result (mg/kg) 3230	MS % Rec. 108	Flag
Barium	120	3060	3420	108	
Cadmlum	0	76.4	59.6	78	
Chromium	9.7	306	323	103	
Lead	0	16800	16000	95	
Selenium	0	3060	2910	95	
Silver	25	1600	1610	99	
<b>`</b>					

Lab ID: Date Received: Date Prepared: Date Analyzed: Dilution Factor

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Method Blank - S079

-10/22/98 10/22/98 1

#### Mercury by CVAA - USEPA Method 7471

Sample results are on an as received basis.

ResultAnalyte(mg/kg)PQLFlagsMercuryND0.1

#### **Duplicate Report**

Client Sample ID: Lab ID: Date Prepared: Date Analyzed: QC Batch ID:

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SLUDGE CAKE 76404-01 10/22/98 10/22/98 S079

# Mercury by CVAA - USEPA Method 7471

Result	Result (mg/kg) 2,8	RPD % 13.0	Flag
	Result (mg/kg)	Result Result (mg/kg) (mg/kg)	(mg/kg) (mg/kg) %

#### Matrix Splke Report

Client Sample ID: Lab ID: Date Prepared: Date Analyzed: QC Batch ID:

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SLUDGE CAKE 76404-01 10/22/98 10/22/98 S079

#### Mercury by CVAA - USEPA Method 7471

•	Spike Amount (mg/kg) 3.3	MS Result (mg/kg) 5.81	MS % Rec. 79	Flag
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7110 38th Drive SE Lacey, Washington 98503

Mobile Environmental Laboratories Environmental Sampling Services Telephone: Fax:

360-459-4670 360-459-3432

October 29, 1998

Cathy Frey-Hartwell AA Enviro Assessment, Inc. 6501 27th Lane SE Lacey, WA 98503

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Dear Ms. Frey-Hartwell:

Please find enclosed the analytical data report for the South Park Project in Tacoma, Washington. Soil samples were analyzed for Diesel Range Hydrocarbons by NWTPH-Dx, Hydrocarbon Identification by NWTPH-HCID, Lead by Method 7420, Gasoline by NWTPH-Gx and BTEX by Method 8020 on October 22, 1998.

The results of these analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is also enclosed for your records.

TEG Northwest appreciates the opportunity to have provided analytical services to AA Enviro Assessment for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Michael a Korosee

Michael A. Korosec President

#### Page 1

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## SOUTH PARK PROJECT Tacoma, Washington AA Enviro Assessment, Inc.

## Gasoline (NWTPH-Gx) & BTEX (EPA 8020) Analyses for Soils

Sample Number	Date Analyzed	Benzene mg/kg	Toluene mg/kg	Eth Benz mg/kg	Xylene mg/kg	Gasoline mg/kg	EEEEEE Recovery (%)
Meth. Blank	10/22/98	nd	nđ	nd	nd	nd	90
L1	10/22/98	nd	nđ	nd	nd	nd	112
L1 Dup.	10/22/98	nd	nđ	nd	nd	nd	108
P1	10/22/98	nd	nd	nd	: nd	nd	86
P4	10/22/98	nđ	0.14	0.47	1.62	71	104
Detection Li	mits	0.05	0.05	0.05	0.05	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interferences prevent determination.

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SOUTH PARK PROJECT Tacoma, Washington AA Enviro Assessment, Inc.

### Diesel Range Hydrocarbons in Soil by NWTPH-Dx

	956 <b>5</b> 22	======	======	======
Sample		Date	Recovery	Diesel
Number			(%)	mg/kg
			66222 <b>2</b>	
Meth. Blank		10/22/98	82	nd
L1		10/22/98	110	nđ
LI Dup.		10/22/98	108	nđ
P2		10/22/98	93	nd



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Method Detection Limit

"nd" Indicates not detected at the listed detection limit.

"int" Indicates that interfering peaks prevent determination.

Page 3

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### SOUTH PARK PROJECT Tacoma, Washington AA Enviro Assessment, Inc.

#### Hydrocarbon Identification by NWTPH-HCID for Soils

	=====	=====	FERE		
Sample	Date	Recovery	Gasoline	Diesel	Heavy Oil
Number		%	mg/kg	mg/kg	mg/kg
	=====				
Meth. Blank	10/22/98	105	nđ	. nd	nd
SW72	10/22/98	int	i D	nd	nđ
Method Detection Limits		•	20	50	100

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"nd" Indicates not detected at the listed detection limit.

"D" Indicates detected above the listed detection limit.

Eeg Environmental Geosciences	CHAIN-OF-CUSTODY RECORD
CLIENT: /K/	DATE: /////// PAGE / OF /
ADDRESS:	PROJECT NAME: 5 721
PHONE 1/- 7 (1) 7 (9) FAX:	rocation: TANYING (1) H
CLIENT PROJECT #:PROJECT MANAGER: () / /////////////////////////////////	augu Han
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RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature) DATE/TIME	
21/58	
DATE/TIME RECEIVED BY (Signature) DATE/TIME	CHAIN OF CUSTODY SEALS YANNA
,	SEALS INTACT? YNNNA
INSTRUCTIONS	RECEIVED GOOD COND/COLD
DIFEG DISPOSAL @ \$2.00 each [] Return [] Pickup	NOTES-

7110 38th Drive SE Lacey, Washington 98503

Mobile Environmental Laboratories Environmental Sampling Services

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Telephone: Fax: 360-459-4670 360-459-3432

October 29, 1998

Cathy Frey-Hartwell AA Enviro Assessment, Inc. 6501 27th Lane SE Lacey, WA 98503

Dear Ms. Frey-Hartwell;

Please find enclosed the analytical data report for the South Park Project in Tacoma, Washington. Soil samples were analyzed for Diesel and Oil by NWTPH-Dx/Dx Extended, Lead by Method 7420, Gasoline by NWTPH-Gx and BTEX by Method 8020 on October 26, 1998.

The results of these analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is also enclosed for your records.

TEG Northwest appreciates the opportunity to have provided analytical services to AA Enviro Assessment for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

michaela Rousse

Michael A. Korosec President

### Page 1

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## SOUTH PARK PROJECT Tacoma, Washington AA Enviro Assessment, Inc.

### Diesel and Oil in Soil by NWTPH-Dx/Dx-Extended

•	*_=====			=====		CHEEBE	
, 1	Sample		Date	Recovery	Diesel	Heavy Oil	•
	Number	×* :		%	mg/kg	mg/kg	
					=====	ERCOUR	:
	Meth. Blank		10/26/98	99	nd	nd	
	H01B		10/26/98	109	84	84	
	H01B Dup.		10/26/98	97	53	73	•
	W01B		10/26/98	86	nd	130	•
	SW72W		10/26/98	116	nd	nđ	
	MDL				20	40	
		*******		**********	**********	*********	

"nd" Indicates not detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

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Page 2

SOUTH PARK PROJECT Tacoma, Washington AA Enviro Assessment, Inc.

# Gasoline (WTPH-Gx) & BTEX (EPA 8020) Analyses for Soils

Sample Number	Date Analyzed	Benzene mg/kg	Toluene mg/kg	Eth Benz mg/kg	Xylene mg/kg	Gasoline mg/kg	Recovery (%)
Meth. Blank	10/26/98	nd	nd	ņd	nd	nd	101
SW72B	10/26/98	0,10	0.60	2.7	15	770	99
Detection Li	mits	0.05	0.05	0.05	0.05	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interferences prevent determination.

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# SOUTH PARK PROJECT

Tacoma, Washington A A Environmental Assessment, Inc.

### Heavy Metals in Soil by EPA-7000 Series

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			88888
	EPA-Metho	7420	
Sample		Date	Pb
Number			mg/kg
******			
Meth. Blank		10/28/98	nd
SW72B		10/28/98	nd
SW72B Dup		10/28/98	nd

Method Detection Limit

"nd" Indicates not detected at the listed detection limit.

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CHAIN-OF-CUSTODY RECORD				2 . NOL	tedmuk letoT			_				_	+	<u> </u> .		<u> </u>					Stard (			
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	DATE:		LOCATION:	DILEC			×	:	_					_				_		SAMPLE RECEIPT	ОF С	CHAIN OF CUSTODY SE SEALS INTACT? YNINA	o D D D	
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#### **QA/QC FOR ANALYTICAL METHODS**

#### **GENERAL**

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The TEG Northwest Laboratory quality assurance and quality control (QA/QC) procedures are conducted following the guidelines and objectives which meet or exceed certification/-accreditation requirements of California DOHS, Washington DOE, and Oregon DEQ. The Quality Control Program is a consistent set of procedures which assures data quality through the use of appropriate blanks, replicate analyses, surrogate spikes, and matrix spikes, and with the use of reference standards that meet or exceed EPA standards.

When analyses are taking place on-site with the mobile lab, the need for Field Blanks or Travel/Trip Blanks is eliminated. If there is going to be a delay before sample preparation for analysis, the sample is stored at  $4^{\circ}$  C.

#### ANALYTICAL METHODS

TEG Northwest Labs use analytical methodologies which are in conformity with U. S. Environmental Protection Agency (EPA), Washington DOE, and Oregon DEQ methodologies. When necessary and appropriate due to the nature or composition of the sample, TEG may use variations of the methods which are consistent with recognized standards or variations used by the industry and government laboratories.

#### TPH-Gasoline, TPH-Diesel (Gasoline and/or Diesel, Modified EPA 8015, NWTPH-Gx and NWTPH-Dx)

A check standard is run at the beginning of the day. 1) A close standard is run at the end of the day. 2) Both open and close standards must be within 15% of the continuing calibration curve value. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135% unless high sample concentrations interfere with the determination of the recovery percentage. A duplicate sample is run at a rate of 1 per 10 samples. At least 1 method blank is run per 20 samples analyzed.

#### Purgeable Volatile Aromatics (BTEX, EPA 602/8020)

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A check standard is run at the beginning of the day. The check standard is run at the end of the day. Both open and close standards must be within 15% of the continuing calibration curve value. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135% unless high sample concentrations interfere with the determination of the recovery percentage. At least 1 method blank is run per day.

#### TPH-Hydrocarbon Identification (NWTPH-HCID)

Calibration standards are run at the beginning of the day. The standards must be within 15% of the continuing calibration curve value. Check standards are run at the close of the day. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. A duplicate sample is run at a rate of 1 per 10 samples. At least 1 method blank is run per 20 samples analyzed.

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	To receive this docum ECY 020-94 (Rev. 6/9	ant in an alternative formal, 5)	contact the TOXICS C	LEANUP PROGRAM		(volos) OR (360) 407-6006 (TDD).

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UNDERGROUND STORAGE TANK	
Site Check / Site Assessment Checklet -	

for office use only

Change W

Site #:

# INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by IFCI or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. The results of the site check or site assessment must be included with this checklist. This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Foology site ID number if the tanks are registered with Boology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECKOSITE ASSESSEMENT: Please clieck die uppropriate item.

CHECKLIST: Please initial each item in the appropriate box.	Underground Storage Tank Section Department of Ecology
SITE ASSESSOE INFORMATION: This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.	PO Box 47655 Olympia WA 98504-7655

#### SITE INFORMATION

Site ID Number (Available from Ecolog	ly if the tanks are registered):	
Site/Business Name:	Owner, Pot Kuchenmeister	
Site Address: 7202 S. F	Ark Avenue	Telephone: \$53) 847.1234
Tama	Street //)/)	
	Sikle	Zip Code

TANK INFORMATION

Tank ID No.	Tank Capacily /DK	Substance Stored
2	3K.	675
3	3K	625
<u> </u>	2K	Dirsel_i_
		17/15/2/1.

REASON FOR CONDUCTING SITE CHECK / SITE ASSESSMENT

#### Check one:

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investigate suspected release due to on-site environmental contamination.

- \_\_\_\_\_ Investigate suspected release due to off-site environmental contamination.
- \_\_\_\_\_ Extend temporary closure of UST system for more than 12 months.
- UST system undergoing change-in-service.

UST system permanently closed-in service.

\_\_\_\_\_ UST system permanently closed with tank removed.

Abandoned tank containing product.

Other (describe):

EOY 010-158 (Apr. 6/26/96)

page 1

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Each item of the following checklist shall be initialed by the person registered with the Department	tof
Ecology whose signature appears below.	YES, NO
1. The location of the UST site is shown on a vicinity map.	
2. A brief summary of Information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	MH.
3. A summary of UST system data is provided. (see Section 3.1.)	
4. The solis characteristics at the UST site are described. (see Section 5.2)	
5. Is there any apparent groundwater in the tank excavation?	L'I Ch
6. A brief description of the surrounding land use is provided. (see Section 3.1)	VALV"
<ol> <li>Information has been provided indicating the number and types of samples collected, methods collect and analyze the samples, and the name and address of the taboratory used to perform analyses.</li> </ol>	sused to the
8. A sketch or sketchos showing the following items is provided:	·
- location and ID number for all field samples collected	
- groundwater samples distinguished from soil samples (if applicable)	N/Ha
samples collected from stockpiled excavated soil	BHIL)
tank and piping locations and limits of excavation pit	
- adjacent structures and streets	NH IS
- approximate locations of any on-site and nearby utilities	NAT .
<ol> <li>If sampling procedures different from those specified in the guidance were used, has justificate using these attemative sampling procedures been provided? (see Section 3.4)</li> </ol>	on for EWA
10. A table is punvided chowing laboratory simility for each comple collected including; sample ID is constituents analyzed for and conceptonding concentration, analytical method and detection line method.	mit for that
11. Any factors that may have compromised the quality of the data or validity of the results are des	soribed. ////
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.	HO
SITE ASSESSOR INFORMATION CATHY FREY- HACKCIELL HA EWING HA	<u>4.55/11/07, 7/10</u>
Business Address: 4501 27th 44 55 Telephone: B	40.459.5504
Chy Shin	20 0000
A A A A A A A A A A A A A A A A A A A	cribed above, Porsons.

Ecology is an equal Opportunity and Affirmative Action Employer

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	July 27 <sub>r</sub> .1998
TACOMA PIERCE COUNTY	
HEALTH	Pat Kuchenmeister
DEPARTMENT	Alice Edwards ET AL
	17815 40th Ave E
Federico Cruz-Uribe, MD, MPH Director of Health	Tacoma, WA 98446
	: Dear Ms. Kuchenmeister:
Governed by a local	! :
 Board of Health	This letter is to provide you with a copy of the Underground Storage
	Tank (UST) removal permit for tank(s) located at 7202 S. Park Ave
 «Community Based	(enclosed) an addition, please find-enclosed the requirements for site
 -Competitive	anassessmenta and site elesuite reports to be completed upon USI
-	removal religite assessment report is due within ninety (90) days of
*Integrated	UST removal.
·····*Preventive ···	
	As owner or operator of this facility, you are responsible to
	domonstrate that no contamination has occurred at this site (Pierce
	County Code Chapter 8.34; City of Tacoma Code Chapter 5.47) to the
	satisfaction of the Tacoma-Pierce County Health Department
	(TPCHD), Any cleanup or remediation at this property must be
	(IPCHD), Any cleanup of reincolladon at this property must be
	conducted in accordance with the Model Toxics Control Act Cleanup
	Regulation, WAC 173-340, and work plans approved by the TPCHD.
	1
	If you have any questions regarding the UST removal or remediation
	process, please contact the Source Protection Program at 798-6470.
	Sincerely, // /
	In A CANIM
	Mark LaVergne
	Environmental Health Specialist I
	Source Protection Programs
O Printed on 100% recycled paper	PORICE LINICORON LINERAND
3629 South D Street	The elegence
Tacoma WA 98408-6897	Enclosures
253/798-6500	
TOD: 798-6050	
800/992-2456	
www.healthdant.co.plassa.wa.wa	
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Cl Special	UNDERGROUND TANK	۰.
TACOMA FIRE DEPARTMENT. • Fire Pro	evention Bureau • Telephone: 591-5740 • Tacoma, Washington	
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	·	
<b>**</b> /	Expiration Date 8.17.95	
Issued To Part Kuchung	measterPhone No. 847. 12 34	
Address 17815 40.44 6	WE E. Tac. 98486	
For	· · · · · · · · · · · · · · · · · · ·	
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Location	Bek.	
Conditions:	• . ;	
1. Comply with Article 79 of the Unit	form Fire Code (1994)	
2. Comply with NFPA Standard #30.	•	·
	· · ·	
3. Comply with TFD abandonment o	prremoval of underground tank procedures.	
4. Pay \$50 permit fee per tank; \$100	maximum per site.	
5. Call for inspection AT LEAST 48 HC tank and open hole.	DURS before tanks are removed from ground. Need to inspect	•
6. Acquire permit from Pierce County	Health Department, 3629 South D Street, 591-6469.	
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SAX 1 m	i la suri	
X Lat / Clafforencebile Responsible Party	By Alle C. Williams .	. :
it is understood and agreed that this p	ermit may be revoked for cause at any time.	•
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· · ·	HEALTH DEPARTMENT		Permit #	98.59	
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	אריי אריי גערי אין אין אין	2 5. ARK	- AHE	• • •	• .
•*	Site Location				· · · · · ·
• .	Facility Name Removal FirmA	P.S. SERV	KES INC	. •	······································
•	Number of Tanks to	1	SIX la		· · ·
•	Au work puise de perjornie Approval Sign	1/1	rent laws, ordinances, resoluti VALIDATION:	000 ann 11100 ann 10	<b>дени</b> ((7)5)
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		• •	÷	For De TPCHO 3936 )) 3936	Environal Health posit Only, Facons Wash 805.00 TOTAL 885.00 CHECK
	· · · · ·			000001	07-24-59 T13:38
	Forty-sight (48) hou	Expires 180 day notice must be provid	site - DO NOT ÅLTER OR s from validation date. led to tre arcHD prior to r IPCHD due BO days after r	emoval/abandonn	ient.
· · ·	- Bouroo Protection	Program - 8920 South - 10	Birael's Tacoma, WA 08408-68	97 + (253) 798-8470	
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		A	.S.J.	AMALGAMAT Thm (Jake) Jacobson P.O. BOX 97 Sumner, WA: 98390 (253) 826-1127		ICES INC.	
		NAME	/ADDRESS				
		APS S	WA 98047 Zerre (vn	S.B.			
1.5 S. 117 Y.			oonosity .			بد جر ک	
			• .		• • •	DATE	ESTIMATE N
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· · ·						· · ·	
۰.	1.5%	Finance	Charge after	30 days			, <b>TO</b>
		Phone: (	253) \$26-1127		· .		· · · · · · · · · · · · · · · · · · ·

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### PEARSON METAL SALVAGE, INC. 10403 PORTLAND AVE TACOMA, WA 98445 (253) 535-4809 MAIL: 2532 59TH AVE NE TACOMA, WA 98422 (253) 952-9008

October 22, 1998

APS SERVICE.

Fax: (253) 863-9844

Attn: Dave

Pearson Metal Salvage received from APS Service of Pacific, WA six underground fuel tanks. The tanks were delivered to our salvage yard by APS and are being disposed of by Pearson Metal Salvage according to all federal, state and county regulations.

Sincerely,

Verne E. Pearson President

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### Gross & Tare Weight Codes: M=Menual; S=Scale; T=Trk File

Ladd #         Date & Time Out         Transporter #         Truck & Trailet Number         Gross         Tare         Net         Net         Net           1         1020/980747         1001484         GARRETT         112,200M         40,420M         71,900         35.49           2         1020/980748         1001484         GARRETT         101,800M         41,420M         61,820         35.40           3         10220/980748         1001484         GARRETT         103,900M         41,420M         62,420         31.21           6         10720/980748         1001484         GARRETT         103,900M         40,420M         71,980         37.49           7         1021/980653         1001484         GARRETT         113,400M         40,420M         71,980         37.49           9         1021/980653         1001484         GARRETT         113,400M         40,420M         71,980         35.79           11         1021/980655         1001484         BOB         104,440M         41,480M         62,560         31.22           12         1021/980655         1001484         BOB         104,400M         41,480M         62,560         31.22           10021/980653         1001484         <	Load # Date & Time Out Transporter # Truck & T. 1 10/20/9807:47 10/1484 GARRETT 2 10/20/9807:48 1001484 BOB 3 10/20/9807:48 1001484 GARRETT 4 10/20/9807:48 1001484 GARRETT 6 10/21/9806:33 1001484 GARRETT 7 10/21/9806:54 1001484 GARRETT 9 10/21/9806:54 1001484 BOB 11 10/21/9806:55 1001484 BOB 11 10/21/9806:55 1001484 BOB 12 10/21/9806:55 1001484 BOB 13 10/21/9806:55 1001484 GARRETT 13 10/21/9806:55 1001484 GARRETT 13 10/21/9806:55 1001484 GARRETT 14 10/21/9806:55 1001484 GARRETT 15 10/26/9807:47 1001484 JLOYD 17 10/26/9807:47 1001484 TERRY	railet Number Gross (b) 112,326 101,800 103,900 103,900 115,400 112,480 113,420 113,420 113,420 113,420 104,040 112,120 110,020 108,720 50,760	Tare (Ib) M 40,420M M 41,480M M 41,480M M 40,420M M 40,420M M 40,420M M 41,480M M 40,420M M 41,480M M 41,480M M 41,480M M 40,420M M 41,480M M 40,420M	Net (15) 71,900 70,806 61,780 62,420 61,780 62,420 61,780 71,980 71,980 71,380 71,380 71,940 62,560 21,700 68,540 68,300	Net We (tons) 35.95 35.40 30.69 31.21 11 74 37.49 35.50 35.69 35.97 31.28 35.85 14.27
1       10/20/98/07:47       10/1484       GARRETT       112,250M       40,420M       71,900       35.99         2       10/20/98/07:48       1001484       GARRETT       112,250M       40,420M       61,280       35.99         3       10/20/98/07:48       1001484       GARRETT       101,800M       41,460M       60,420M       61,280       30.69         4       10/20/98/07:48       1001484       GARRETT       103,900M       41,480M       62,420       31,21         5       10/21/98/65:51       1001484       GARRETT       113,400M       41,480M       71,000       35.50         9       10/21/98/65:51       1001484       GARRETT       111,800M       40,420M       71,800       35.69         9       10/21/98/65:55       1001484       BOB       113,420M       41,480M       71,000       35.59         10       10/21/98/65:55       1001484       BOB       113,220M       41,480M       71,000       35.85         13       10/21/98/65:55       1001484       BOB       110,020M       41,480M       80.66       14.82         14       10/21/98/65:55       1001484       BOB       10,020M       41,480M       80,300       14.15 <t< td=""><td>1         10/20/9807:47         10/1484         GARRETT           2         10/20/9807:48         1001484         BOB           3         10/20/9807:48         1001484         BOB           3         10/20/9807:48         1001484         BOB           4         10/20/9807:48         1001484         GARRETT           4         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56</td><td>(bb) 112,320 112,280 101,800 103,900 103,900 103,900 115,400 112,450 111,800 113,420 104,040 112,120 104,040 112,120 108,720 108,560 50,760</td><td>(b) M 40,420M M 41,480M M 40,420M M 40,420M M 40,420M M 40,420M M 40,420M M 41,480M M 41,480M M 41,480M M 41,480M M 40,420M M 40,420M M 40,420M M 40,420M</td><td>(1b) 71,900 70,800 61,320 62,420 63,420 64,420 71,000 71,380 71,940 62,560 71,700 68,540 68,300</td><td>(tons) 35.95 35.40 30.69 31.21 11 74 37.49 35.50 35.50 35.59 31.28 35.85 14.27</td></t<>	1         10/20/9807:47         10/1484         GARRETT           2         10/20/9807:48         1001484         BOB           3         10/20/9807:48         1001484         BOB           3         10/20/9807:48         1001484         BOB           4         10/20/9807:48         1001484         GARRETT           4         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56	(bb) 112,320 112,280 101,800 103,900 103,900 103,900 115,400 112,450 111,800 113,420 104,040 112,120 104,040 112,120 108,720 108,560 50,760	(b) M 40,420M M 41,480M M 40,420M M 40,420M M 40,420M M 40,420M M 40,420M M 41,480M M 41,480M M 41,480M M 41,480M M 40,420M M 40,420M M 40,420M M 40,420M	(1b) 71,900 70,800 61,320 62,420 63,420 64,420 71,000 71,380 71,940 62,560 71,700 68,540 68,300	(tons) 35.95 35.40 30.69 31.21 11 74 37.49 35.50 35.50 35.59 31.28 35.85 14.27
1       10/20/98/07:47       1001484       GOARRETT       112,250.M       40,420.M       71,900       35.49         2       10/20/98/07:48       1001484       BOB       112,250.M       41,480.M       70,800       35.40         3       10/20/98/07:48       1001484       GARRETT       103,900.M       40,420.M       61,23.0       36.40         4       10/20/98/07:48       1001484       GARRETT       113,900.M       40,420.M       61,24.0       31.21         5       10/21/98/06:53       1001484       GARRETT       113,400.M       40,420.M       61,34.0       37.49         7       10/21/98/06:55       1001484       GARRETT       111,800.M       40,420.M       71,940       35.97         8       10/21/98/06:55       1001484       BOB       113,420.M       41,480.M       71,940       35.97         10       10/21/98/06:55       1001484       BOB       113,420.M       41,480.M       71,940       35.97         11       10/21/98/06:55       1001484       BOB       113,420.M       41,480.M       71,940       35.97         12       10/21/98/06:55       1001484       BOB       110,220.M       41,480.M       71,700       35.85 <tr< td=""><td>2         10/20/9807:48         1001484         BOB           3         10/20/9807:48         1001484         GARRETT           4         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         BOB           8         10/21/9806:54         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56</td><td>112,320 112,280 101,800 103,900 103,900 113,400 112,480 111,800 113,420 104,040 112,120 104,040 112,120 108,720 108,720 50,760</td><td>IM     40,420M       IM     41,480M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M       IM     41,480M       IM     40,420M       IM     41,480M       IM     41,480M       IM     41,480M       IM     40,420M       IM     41,480M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M</td><td>71,900 70,800 61,380 62,420 63,480 74,980 71,000 71,380 71,940 62,560 71,700 68,540 68,300</td><td>35.95 35.40 30.69 31.21 31 74 37.49 35.50 35 69 35.97 31.28 35.85 14.27</td></tr<>	2         10/20/9807:48         1001484         BOB           3         10/20/9807:48         1001484         GARRETT           4         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         BOB           8         10/21/9806:54         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56	112,320 112,280 101,800 103,900 103,900 113,400 112,480 111,800 113,420 104,040 112,120 104,040 112,120 108,720 108,720 50,760	IM     40,420M       IM     41,480M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M       IM     41,480M       IM     40,420M       IM     41,480M       IM     41,480M       IM     41,480M       IM     40,420M       IM     41,480M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M       IM     40,420M	71,900 70,800 61,380 62,420 63,480 74,980 71,000 71,380 71,940 62,560 71,700 68,540 68,300	35.95 35.40 30.69 31.21 31 74 37.49 35.50 35 69 35.97 31.28 35.85 14.27
2       107.09807:48       1001484       BCB       112,280M       41,480M       70,800       35,400         3       107.20/9807:48       1001484       BCB       103,900M       41,480M       62,420       31,21         4       107.09807:48       1001484       BCB       103,900M       41,480M       62,420       31,21         6       107.099807:48       1001484       GARRETT       103,900M       41,480M       74,000       35,30         6       107.099807:48       1001484       GARRETT       113,400M       40,420M       74,980       37,49         7       10/21/9806:53       1001484       BOB       113,400M       41,480M       71,000       35,50         9       10/21/9806:55       1001484       BOB       113,400M       41,480M       70,00       35,53         10       10/21/9806:55       1001484       BOB       110,020M       41,480M       70,00       35,53         10       10/21/9806:55       1001484       BOB       110,020M       41,480M       70,70       35,56         11       10/21/9806:55       1001484       GARRETT       100,720M       40,420M       68,410       14,37         12       10/26/807:47 <td>2         10/20/9807:48         1001484         BOB           3         10/20/9807:48         1001484         GARRETT           4         10/20/9807:48         1001484         GARRETT           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         GARRETT           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         GARRETT           9         10/21/9806:54         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         GARRETT           14         10/31/9806:55         1001484         GARRETT           16         10/26/9</td> <td>112,280 101,800 103,900 103,900 115,400 112,480 111,800 113,420 104,040 112,120 104,040 112,120 108,720 108,720 50,760</td> <td>M         41,480M           M         40,420M           M         40,420M           M         40,420M           M         40,420M           M         40,420M           M         40,420M           M         41,480M           M         41,480M           M         41,480M           M         41,480M           M         41,480M           M         40,420M           M         41,480M           M         40,420M           M         40,420M           M         40,420M           M         40,420M</td> <td>70,800 61,120 62,420 63,480 74,980 71,000 71,380 71,940 62,560 71,700 68,540 68,300</td> <td>35.40 30.69 31.21 31 74 37,49 35,50 35 69 35.97 31,28 35.85 14.27</td>	2         10/20/9807:48         1001484         BOB           3         10/20/9807:48         1001484         GARRETT           4         10/20/9807:48         1001484         GARRETT           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         GARRETT           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         GARRETT           9         10/21/9806:54         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         GARRETT           14         10/31/9806:55         1001484         GARRETT           16         10/26/9	112,280 101,800 103,900 103,900 115,400 112,480 111,800 113,420 104,040 112,120 104,040 112,120 108,720 108,720 50,760	M         41,480M           M         40,420M           M         40,420M           M         40,420M           M         40,420M           M         40,420M           M         40,420M           M         41,480M           M         41,480M           M         41,480M           M         41,480M           M         41,480M           M         40,420M           M         41,480M           M         40,420M           M         40,420M           M         40,420M           M         40,420M	70,800 61,120 62,420 63,480 74,980 71,000 71,380 71,940 62,560 71,700 68,540 68,300	35.40 30.69 31.21 31 74 37,49 35,50 35 69 35.97 31,28 35.85 14.27
3       10/20/9807-48       100/1494       GARRETT       101/2000       40/200M       41/480M       61/200       20.00         4       10/20/9807-48       1001484       GARRETT       103,900M       40,420M       61/200       31.21         5       10/20/9807-48       1001484       GARRETT       103,900M       40,420M       74,980       31.49         7       10/21/9806:53       1001484       GARRETT       113,400M       40,420M       74,980       33.49         8       10/21/9806:53       1001484       GARRETT       111,800M       40,420M       71,930       35.50         9       10/21/9806:55       1001484       BOB       113,420M       41,480M       71,940       33.57         18       10/21/9806:55       1001484       BOB       110,020M       41,480M       65.60       14.27         10       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,300       14.15         14       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,300       14.15         15       10/21/9806:55       1001484       JLOYD       50,760M       25,120M       25,600       14.25	3         10/20/9807:48         1001484         GARRETT           4         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         GARRETT           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         BOB           8         10/21/9806:55         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         GARRETT           10         10/21/9806:55         1001484         GARRETT           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           16         10/26/	101,800 103,900 103,900 115,400 112,480 111,800 113,420 104,040 112,120 104,040 112,120 108,720 108,720 50,760	M         40,420M           M         41,480M           M         40,420M           M         40,420M           M         41,480M           M         40,420M           M         41,480M           M         41,480M           M         41,480M           M         41,480M           M         41,480M           M         40,420M           M         41,480M           M         40,420M           M         40,420M           M         40,420M           M         40,420M           M         40,420M	61,220 62,420 63,480 74,980 71,000 71,380 71,940 62,560 71,700 68,540 68,300	30.69 31.21 31 74 35,50 35 69 35.97 31,28 35,85 14,27
4       10/20/9807:48       1001484       BOB       103,900M       41,480M       62,420       31,21         5       10/20/9807:48       1001484       GARRETT       103,900M       40,420M       61,480       117,480         6       10/21/9806:53       1001484       GARRETT       113,400M       40,420M       74,980       37,49         7       10/21/9806:53       1001484       GARRETT       111,800M       40,420M       74,980       35,50         8       10/21/9806:53       1001484       BOB       113,420M       41,480M       71,500       35,50         9       10/21/9806:55       1001484       BOB       113,420M       41,480M       62,560       31,22         10       10/21/9806:55       1001484       BOB       113,420M       41,480M       63,560       31,22         10       10/21/9806:55       1001484       BOB       110,020M       41,480M       68,540       31,22         11       10/21/9806:55       1001484       BOB       110,020M       41,480M       68,540       34,22         12       10/21/9806:55       1001484       LLOYD       108,720M       40,420M       68,140       34,22         14       10/21/9	4         10/20/9807:48         1001484         BOB           5         10/20/9807:48         1001484         GARRETT           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         GARRETT           8         10/21/9806:54         1001484         GARRETT           9         10/21/9806:55         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           16         10/26/9807:47         1001484         LOYD           17         10/26/9807:47         1001484         LLOYD           15         10/26/9807:47         1001484         TERRY	103,900 103,900 115,400 112,480 111,800 113,420 104,040 112,120 110,020 108,720 108,720 108,560 50,760	M     41,480M       M     40,420M       M     40,420M       M     41,480M       M     40,420M       M     41,480M       M     40,420M       M     40,420M       M     40,420M       M     40,420M       M     40,420M	62.420 63.480 74.980 71.000 71.380 71.940 62,560 71,700 68,540 68,300	31.21 11 74 37,49 35,50 35 69 35,97 31,28 35,85 14,27
5       10720/9807-48       1001484       GARRETT       103,000M       40,420M       61,420M       74,980       37,49         6       10/21/9806:35       1001484       GARRETT       113,400M       40,420M       74,980       37,59         8       10/21/9806:35       1001484       GARRETT       111,800M       40,420M       71,500       35,50         9       10/21/9806:55       1001484       BOB       113,420M       40,420M       71,540       35,60         11       10/21/9806:55       1001484       BOB       104,040M       41,480M       71,700       35,85         13       10/21/9806:55       1001484       GARRETT       112,120M       40,420M       68,500       14,15         10       10/21/9806:55       1001484       GARRETT       108,560M       40,420M       68,300       34,15         14       10/21/9806:55       1001484       GARRETT       108,560M       40,420M       68,300       34,15         14       10/26/9807:47       1001484       LLOYD       51,460M       25,120M       25,640       12,82         17       102/69807:47       1001484       LLOYD       52,820M       25,120M       24,260       12,17	5         10720/9807:48         1001484         GARRETT           6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         GARRETT           8         10/21/9806:54         1001484         GARRETT           9         10/21/9806:55         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           14         10/21/9806:747         1001484         GARRETT           16         10/26/9807:47         1001484         LOYD           17         10/26/9807:47         1001484         LOYD           15         10/26/9807:47         1001484         TERRY	103,900 115,400 112,480 113,420 113,420 104,040 112,120 110,020 108,720 108,720 108,560 50,760	M 40,420M M 40,420M M 41,480M M 41,480M M 41,480M M 41,480M M 41,480M M 40,420M M 40,420M M 40,420M M 40,420M	61,480 74,980 71,000 71,380 71,940 62,560 71,700 68,540 68,300	11 74 37,49 35,50 35 69 35,97 31,28 35,85 14,27
6       10/21/9806:33       1.001484       GARRETT       113,400M       40,420M       74,980       37,49         7       10/21/9806:34       1001484       GARRETT       113,400M       40,420M       71,000       35,50         9       10/21/9806:54       1001484       GARETT       111,800M       40,420M       71,340       35,59         11       10/21/9806:55       1001484       BOB       113,420M       41,480M       71,940       35,97         11       10/21/9806:55       1001484       GOB       110,020M       40,420M       71,700       35,85         13       10/21/9806:55       1001484       GOB       110,020M       40,420M       68,300       14,15         10       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,300       14,15         11       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,300       14,15         11       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,300       14,15         11       10/26/9807:47       1001484       LLOYD       51,460M       25,120M       27,400       16,00         12	6         10/21/9806:53         1001484         GARRETT           7         10/21/9806:54         1001484         ROR           8         10/21/9806:54         1001484         ROR           9         10/21/9806:55         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           16         10/26/9807:47         1001484         LOYD           17         10/26/9807:47         1001484         LLOYD           15         10/26/9807:47         1001484         TERRY	115,400 112,480 111,800 113,420 104,040 112,120 110,020 108,520 50,760	M 40,420M M 41,480M M 40,420M M 41,480M M 41,480M M 40,420M M 40,420M M 40,420M M 40,420M	74,980 71,000 71,380 71,940 62,560 71,700 68,540 68,300	37,49 35,50 35 69 35,97 31,28 35,85 14,27
7       10/21/98.06:54       1001484       BOR       112,480M       41,480M       71,000       35,30         8       10/21/98.06:54       1001484       GARRETT       111,800M       40,420M       71,380       35,90         9       10/21/98.06:55       1001484       BOB       113,420M       41,480M       71,900       35,97         11       10/21/98.06:55       1001484       BOB       113,420M       41,480M       62,560       31,28         12       10/21/98.06:55       1001484       GARRETT       112,120M       40,420M       62,560       31,28         13       10/21/98.06:55       1001484       GARRETT       103,720M       40,420M       68,300       34,15         14       10/31/98.06:55       1001484       GARRETT       103,720M       40,420M       68,300       34,15         15       10/26/98.07:47       1001484       LLOYD       51,460M       25,120M       25,640       12.82         17       10/26/98.07:47       1001484       LLOYD       51,460M       25,080M       32,000       16.00         18       10/26/98.07:48       1001484       LLOYD       53,080M       25,080M       32,000       16.00         10/26/98.	7         10/21/9806:54         1001484         ROR           8         10/21/9806:54         1001484         GARRETT           9         10/21/9806:55         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           14         10/21/9807:47         1001484         JLOYD           17         10/26/9807:47         1001484         JLOYD           15         10/26/9807:47         1001484         TERRY <td>112,480 111,800 113,420 104,040 112,120 110,020 108,720 108,560 50,760</td> <td>M 41,480M M 40,420M M 41,480M M 41,480M M 40,420M M 41,480M M 40,420M M 40,420M</td> <td>71,000 71,380 71,940 62,560 71,700 68,540 68,300</td> <td>35,50 35 69 35,97 31,28 35,85 14,27</td>	112,480 111,800 113,420 104,040 112,120 110,020 108,720 108,560 50,760	M 41,480M M 40,420M M 41,480M M 41,480M M 40,420M M 41,480M M 40,420M M 40,420M	71,000 71,380 71,940 62,560 71,700 68,540 68,300	35,50 35 69 35,97 31,28 35,85 14,27
8       10/21/9806:54       1001484       GARRETT       111,800M       40,420M       71,380       35 69         9       10/21/9806:54       1001484       BOB       113,420M       41,480M       71,940       33.97         11       10/21/9806:55       1001484       BOB       104,400M       41,480M       62,560       31.28         12       10/21/9806:55       1001484       BOB       100,200M       41,480M       68,540       14.27         10       10/21/9806:55       1001484       BOB       110,020M       41,480M       68,340       14.27         10       10/21/9806:56       1001484       GARRETT       108,560M       40,420M       68,340       14.27         11       10/26/9807:47       1001484       JLOYD       50,760M       25,120M       25,640       12.82         17       10/26/9807:47       1001484       JLOYD       51,460M       25,120M       26,080M       32,400       16.20         18       10/26/9807:47       1001484       JLOYD       53,800M       26,080M       32,400       16.20         19       10/26/9807:48       1001484       JLOYD       53,800M       25,080M       32,400       16.20         19	8         10/21/9806;54         1001484         GARRETT           9         10/21/9806;54         1001484         BOB           11         10/21/9806;55         1001484         BOB           12         10/21/9806;55         1001484         BOB           13         10/21/9806;55         1001484         BOB           10         10/21/9806;55         1001484         BOB           10         10/21/9806;55         1001484         GARRETT           14         10/21/9806;55         1001484         GARRETT           14         10/21/9806;55         1001484         GARRETT           16         10/26/9807;47         1001484         LOYD           17         10/26/9807;47         1001484         JLOYD           15         10/26/9807;47         1001484         TBRRY	111,800 113,420 104,040 112,120 110,020 108,720 108,560 50,760	M 40,420M M 41,480M M 41,480M M 40,420M M 40,420M M 40,420M M 40,420M	71,380 71,940 62,560 71,700 68,540 68,300	35 69 35.97 31,28 35,85 14,27
9       10/21/9806:54       1001484       BOB       113,420M       41,480M       71,940       33,97         11       10/21/9806:55       1001484       BOB       104,400M       41,480M       62,560       31,28         12       10/21/9806:55       1001484       BOB       111,2120M       40,420M       63,540       14,27         10       10/21/9806:55       1001484       GARRETT       108,250M       40,420M       68,340       34,15         14       10/21/9806:55       1001484       GARRETT       108,250M       40,420M       68,340       34,15         14       10/26/9807:47       1001484       LLOYD       50,760M       25,120M       25,640       12,82         17       10/26/9807:47       1001484       LLOYD       50,760M       25,120M       25,640       12,82         17       10/26/9807:46       1001484       LLOYD       51,460M       25,120M       27,400       13,70         18       10/26/9807:46       1001484       LLOYD       49,380M       26,080M       34,280       17,14         21       10/26/9807:50       1001484       LLOYD       51,20M       25,120M       24,260       12,11         21       10/26	9         10/21/9806:54         1001484         BOB           11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         BOB           13         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56         1001484         GARRETT           16         10/26/9807:47         1001484         LLOYD           17         10/26/9807:47         1001484         LLOYD           15         10/26/9807:47         1001484         TBRRY	113,420 104,040 112,120 110,020 108,720 108,560 50,760	M 41,480M M 41,480M M 40,420M M 41,480M M 40,420M M 40,420M	71,940 62,560 71,700 68,540 68,300	35.97 31,28 35.85 14.27
11       10/21/9806:55       1001484       BOB       104/040M       41,480M       62,560       31,22         12       10/21/9806:55       1001484       GARRETT       112,120M       40,420M       71,700       3585         13       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,300       34,15         14       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,300       34,15         14       10/21/9806:55       1001484       GARRETT       108,560M       40,420M       68,300       34,15         14       10/21/9806:747       1001484       LOYD       50,760M       25,120M       25,640       12.82         17       10/26/9807:47       1001484       LOYD       51,460M       25,120M       27,400       13,70         18       10/26/9807:48       1001484       TERRY       58,080M       26,080M       32,400       16.00         10       10/26/9807:48       1001484       LLOYD       49,380M       25,120M       27,200       15.11         21       10/26/9807:50       1001484       TERRY       60,360M       25,120M       24,220       13.11         21 <t< td=""><td>11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56         1001484         GARRETT           16         10/26/9807:47         1001484         LLOYD           17         10/26/9807:47         1001484         LLOYD           15         10/26/9807:47         1001484         TERRY</td><td>104,040 112,120 110,020 108,720 108,560 50,760</td><td>M 41,480M M 40,420M M 41,480M M 40,420M M 40,420M M 40,420M</td><td>62,560 71,700 68,540 68,300</td><td>31,28 35.85 14.27</td></t<>	11         10/21/9806:55         1001484         BOB           12         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56         1001484         GARRETT           16         10/26/9807:47         1001484         LLOYD           17         10/26/9807:47         1001484         LLOYD           15         10/26/9807:47         1001484         TERRY	104,040 112,120 110,020 108,720 108,560 50,760	M 41,480M M 40,420M M 41,480M M 40,420M M 40,420M M 40,420M	62,560 71,700 68,540 68,300	31,28 35.85 14.27
12       10/21/9806:55       1001484       GARRETT       112,120M       40,420M       71,700       35.85         13       10/21/9806:55       1001484       BOB       110,020M       41,480M       68,540       14.15         14       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,140       34.15         14       10/21/9806:55       1001484       GARRETT       108,560M       40,420M       68,140       34.15         14       10/21/9806:55       1001484       LLOYD       50,760M       25,120M       25,640       12.822         17       10/26/9807:47       1001484       LLOYD       51,460M       25,120M       25,640       12.822         17       10/26/9807:48       1001484       TERRY       58,480M       26,080M       32,400       16.20         18       10/26/9807:48       1001484       TERRY       58,480M       26,080M       32,000       16.20         10       10/26/9807:50       1001484       TERRY       50,360M       25,120M       27,280       15.14         21       10/26/9807:50       1001484       TERRY       60,360M       25,120M       27,280       15.44         23       <	12         10/21/9806:55         1001484         GARRETT           13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56         1001484         GARRETT           16         10/26/9807:47         1001484         JLOYD           17         10/26/9807:47         1001484         JLOYD           15         10/26/9807:47         1001484         TBRRY	112,120 110,020 108,720 108,560 50,760	M 40,420M M 41,480M M 40,420M M 40,420M	71,700 68,540 68,300	35.85 14.27
13       10/21/9806:55       1001484       BOB       110,020/M       41,480 M       69,540       14.27         10       10/21/9806:55       1001484       GARRETT       108,560 M       40,420 M       68,300       34,15         14       10/21/9806:55       1001484       GARRETT       108,560 M       40,420 M       68,300       34,15         14       10/26/9807:47       1001484       LLOYD       51,460 M       25,120 M       25,640       1282         17       10/26/9807:47       1001484       LLOYD       51,460 M       26,080 M       32,400       16.20         18       10/26/9807:48       1001484       TERRY       58,080 M       26,080 M       32,400       16.20         19       10/26/9807:48       1001484       TERRY       58,080 M       26,080 M       32,200       16.00         10       10/26/9807:48       1001484       LLOYD       49,380 M       25,120 M       22,200       10.13.70         121       10/26/9807:50       1001484       LLOYD       49,380 M       25,120 M       26,080 M       31,280       17.14         22       10/26/9807:51       1001484       LLOYD       51,340 M       25,120 M       13.11	13         10/21/9806:55         1001484         BOB           10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56         1001484         GARRETT           16         10/26/9807:47         1001484         LLOYD           17         10/26/9807:47         1001484         LLOYD           15         10/26/9807:47         1001484         TBRRY	110,020 108,720 108,560 50,760	M 41,480M M 40,420M M 40,420M	68,540 68,300	14.27
13       10/21/9806:55       1001484       BOB       110,020M       41,480M       68,540       14,27         10       10/21/9806:55       1001484       GARRETT       108,520M       40,420M       68,300       34,15         14       10/21/9806:55       1001484       GARRETT       108,560M       40,420M       68,300       34,15         16       10/26/9807:47       1001484       LLOYD       50,760M       25,120M       25,640       12.82         17       10/26/9807:47       1001484       LLOYD       51,460M       25,120M       27,400       16.20         18       10/26/9807:48       1001484       TERRY       58,880M       26,080M       32,400       16.20         19       10/26/9807:48       1001484       TERRY       58,080M       25,120M       27,400       13,70         11       10/26/9807:48       1001484       TERRY       58,080M       26,080M       31,220       16.20         121       10/26/9807:50       1001484       LLOYD       49,380M       25,120M       26,220       13.11         21       10/26/9807:50       1001484       TERRY       60,360M       25,120M       26,220       13.41         22       1	10         10/21/9806:55         1001484         GARRETT           14         10/21/9806:56         1001484         GARRETT           16         10/26/9807:47         1001484         LLOYD           17         10/26/9807:47         1001484         LLOYD           15         10/26/9807:47         1001484         TBRRY	108,720 108,560 50,760	M 40,420M M 40,420M	68,540 68,300	
10       10/21/9806:55       1001484       GARRETT       108,720M       40,420M       68,300       34,15         14       10/21/9806:55       1001484       GARRETT       108,560M       40,420M       68,140       34.05         16       10/26/9807.47       1001484       LLOYD       50,760M       25,120M       25,640       12.82         17       10/26/9807.47       1001484       TERRY       58,480M       26,080M       32,400       16.00         18       10/26/9807.47       1001484       TERRY       58,080M       25,120M       27,400       13,70         19       10/26/9807.45       1001484       LLOYD       49,380M       25,120M       24,260       12.11         21       10/26/9807.45       1001484       LLOYD       49,380M       25,120M       24,260       12.13         21       10/26/9807.50       1001484       TERRY       60,860M       25,120M       27,280       13.64         22       10/26/9807.50       1001484       LLOYD       51,340M       26,080M       35,740       7.87         24       10/26/9807.51       1001484       LLOYD       51,340M       25,120M       25,220       13.11         25       10	14         10/21/9806:56         1001484         OARRETC           16         10/26/9807:47         1001484         LLOYD           17         10/26/9807:47         1001484         LLOYD           15         10/26/9807:47         1001484         TBRRY	108,720 108,560 50,760	M 40,420M M 40,420M	68,300	A. 2
16       10/26/9807:47       1001484       LLOYD       50,760M       25,120M       25,640       1282         17       10/26/9807:47       1001484       LLOYD       51,460M       25,120M       76,140       13 17         15       10/26/9807:47       1001484       TBRRY       58,480M       26,080M       32,400       16.20         18       10/26/9807:48       1001484       TBRRY       58,480M       26,080M       32,400       16.20         19       10/26/9807:48       1001484       TERRY       58,080M       26,080M       32,000       16.00         19       10/26/9807:49       1001484       TERRY       50,360M       25,020M       27,200       16.00         21       10/26/9807:50       1001484       TERRY       60,360M       25,020M       31,20M       27,280       17.14         22       10/26/9807:50       1001484       TERRY       61,820M       25,020M       31,240       17.87         24       10/26/9807:51       1001484       TERRY       61,820M       25,120M       25,220       13.11         25       10/26/9807:51       1001484       TERRY       61,820M       25,120M       25,200       17.87         24 </td <td>16 10/26/9807:47 1001484 LLOYD 17 10/26/9807:47 1001484 LLOYD 15 10/26/9807:47 1001484 TBRRY</td> <td>50,760</td> <td></td> <td>68,140</td> <td>34,15</td>	16 10/26/9807:47 1001484 LLOYD 17 10/26/9807:47 1001484 LLOYD 15 10/26/9807:47 1001484 TBRRY	50,760		68,140	34,15
16       10/26/9807:47       1001484       JLOYD       50,760M       25,120M       25,640       12,82         17       10/26/9807:47       1001484       JLOYD       51,460M       25,120M       25,640       12,82         15       10/26/9807:47       1001484       TBRRY       58,480M       26,080M       32,400       16,20         18       10/26/9807:48       1001484       TERRY       58,080M       26,080M       32,400       16,20         19       10/26/9807:48       1001484       TERRY       58,080M       26,080M       32,000       16,00         10       10/26/9807:50       1001484       TERRY       50,360M       25,120M       27,280       13,40         21       10/26/9807:50       1001484       TERRY       60,360M       25,120M       27,280       13,64         23       10/26/9807:50       1001484       TERRY       61,820M       25,00M       31,740       17,87         24       10/26/9807:51       1001484       TERRY       61,820M       25,120M       25,220       13,11         25       10/26/9807:51       1001484       TERRY       61,820M       25,120M       32,900       16,00         26       10/26/98	17 10/26/9807:47 1001484 J.LOYD 15 10/26/9807:47 1001484 TBRRY		14 00 10010		34.07
17       10/26/9807:47       1001484       JLOYD       51,460M       25,120M       76,340       13 17         15       10/26/9807:47       1001484       TERRY       58,480M       26,080M       32,400       16.20         18       10/26/9807:48       1001484       LLOYD       52,520M       25,120M       27,400       13,70         19       10/26/9807:48       1001484       LLOYD       49,380M       26,080M       32,000       16.00         20       10/26/9807:49       1001484       LLOYD       49,380M       25,120M       24,260       12.11         21       10/26/9807:50       1001484       TERRY       60,360M       25,020M       33,280       17.14         22       10/26/9807:50       1001484       TERRY       61,820M       25,120M       27,280       13.04         24       10/26/9807:51       1001484       TERRY       61,820M       25,120M       25,220       13.11         25       10/26/9807:51       1001484       TERRY       61,820M       25,120M       25,220       13.11         25       10/26/9807:51       1001484       TERRY       61,820M       25,120M       25,200       13.11         25       10/26/9	15 10/26/9807:47 1001484 TBRRY		M 23.12VM		12.82
15       10/26/98 07:47       1001484       TERRY       58,480M       26,080M       32,400       16.20         18       10/26/98 07:48       1001484       LLOYD       52,520M       25,120M       27,400       13,70         19       10/26/98 07:49       1001484       TERRY       58,080M       26,080M       32,000       16.00         20       10/26/98 07:49       1001484       TERRY       58,080M       25,120M       24,260       12.11         21       10/26/98 07:50       1001484       TERRY       60,360M       25,120M       24,260       12.13         21       10/26/98 07:50       1001484       TERRY       60,360M       25,120M       27,280       13.64         23       10/26/98 07:51       1001484       TERRY       61,820M       26,080M       35,200       17.47         24       10/26/98 07:51       1001484       TERRY       61,820M       25,120M       29,180       14.59         25       10/26/98 07:51       1001484       TERRY       61,280M       25,120M       29,180       14.59         26       10/26/98 07:51       1001484       TERRY       62,180M       25,120M       25,960       13.97         29       <	15 10/26/9807:47 1001484 TERRY	51.400			
18       10/26/9807:48       1001484       LLOYD       52,520M       25,120M       27,400       13,70         19       10/26/9807:48       1001484       TERRY       58,080M       26,080M       32,000       16,00         20       10/26/9807:49       1001484       LLOYD       49,380M       25,120M       24,260       12,11         21       10/26/9807:50       1001484       TERRY       60,360M       25,020M       31,280       17,14         22       10/26/9807:50       1001484       TERRY       60,360M       25,120M       27,280       13,64         23       10/26/9807:51       1001484       TERRY       61,820M       26,080M       31,740       17,87         24       10/26/9807:51       1001484       TERRY       61,820M       25,120M       25,220       13,11         25       10/26/9807:51       1001484       TERRY       61,280M       25,080M       35,200       17,60         26       10/26/9807:51       1001484       TERRY       61,280M       25,080M       35,200       17,60         27       10/26/9807:51       1001484       TERRY       62,080M       25,120M       27,940       13.97         29       10/26/9					
19       10/26/9807:48       1001484       TERRY       58,080M       26,080M       32,000       16,00         20       10/26/9807:50       1001484       LLOYD       49,380M       25,120M       24,260       12,13         21       10/26/9807:50       1001484       TERRY       60,360M       26,080M       34,280       17,14         22       10/26/9807:50       1001484       LLOYD       52,400M       25,120M       24,260       12,13         23       10/26/9807:50       1001484       TERRY       61,820M       25,120M       26,220       13,11         25       10/26/9807:51       1001484       TERRY       61,820M       25,120M       26,220       13,11         25       10/26/9807:51       1001484       TERRY       61,820M       25,120M       26,220       13,11         25       10/26/9807:51       1001484       TERRY       61,280M       26,030M       35,200       17,60         26       10/26/9807:51       1001484       TERRY       62,040M       25,120M       29,180       14,59         27       10/26/9807:52       1001484       TERRY       62,040M       26,080M       35,960       17,98         30       10/26/9	18 10/26/980/248 1001484 · LLOYD				
20       10/26/9807:49       1001484       LLOYD       49,380M       25,120M       24,260       12,13         21       10/26/9807:50       1001484       TERRY       60,360M       25,080M       34,280       17,14         22       10/26/9807:50       1001484       TERRY       60,360M       25,120M       27,280       13,64         23       10/26/9807:50       1001484       TERRY       61,820M       26,080M       37,740       17,87         24       10/26/9807:51       1001484       TERRY       61,820M       26,080M       35,200       17,60         25       10/26/9807:51       1001484       TERRY       61,820M       25,120M       26,220       13,11         25       10/26/9807:51       1001484       TERRY       61,280M       25,080M       35,200       17,60         26       10/26/9807:51       1001484       TERRY       62,080M       25,120M       29,180       14,59         27       10/26/9807:52       1001484       TERRY       62,080M       25,120M       27,940       13,97         29       10/26/9807:52       1001484       TERRY       52,040M       26,080M       35,600       17,98         30       10/26/9					
21       10/26/9807:50       1001484       TERRY       60,360M       26,080M       34,280       17,14         22       10/26/9807:50       1001484       LLOYD       52,400M       25,120M       27,280       13,64         23       10/26/9807:50       1001484       TERRY       61,820M       26,080M       35,740       17,87         24       10/26/9807:51       1001484       LLOYD       51,340M       25,120M       26,220       13,11         25       10/26/9807:51       1001484       TERRY       61,820M       26,080M       35,700       17,60         26       10/26/9807:51       1001484       TERRY       62,180M       26,080M       35,700       17,60         27       10/26/9807:51       1001484       TERRY       62,180M       26,080M       35,700       17,60         28       10/26/9807:52       1001484       TERRY       62,040M       26,080M       35,960       17,98         30       10/26/9807:52       1001484       TERRY       62,040M       26,080M       35,960       17,98         30       10/26/9808:15       1001484       TERRY       52,040M       26,080M       35,960       17,98         30       10/26/9		<b>-</b>			
22       10/26/98 07:50       1001484       LLOYD       52,400M       25,120M       27,280       13.64         23       10/26/98 07:50       1001484       TERRY       61,820 M       26,080M       35,740       17.87         24       10/26/98 07:51       1001484       LLOYD       51,340 M       25,120 M       26,220       13.11         25       10/26/98 07:51       1001484       TERRY       61,820 M       25,000 M       35,700       17.60         26       10/26/98 07:51       1001484       TERRY       61,280 M       26,080 M       35,200       17.60         26       10/26/98 07:51       1001484       TERRY       61,280 M       26,080 M       35,200       17.60         27       10/26/98 07:51       1001484       TERRY       62,180 M       26,080 M       35,200       18.05         28       10/26/98 07:52       1001484       TERRY       62,040 M       26,080 M       35,960       17.98         30       10/26/98 07:52       1001484       TERRY       62,040 M       26,080 M       15,960       17.98         30       10/26/98 08:15       1001484       TERRY       54,720 M       26,080 M       17.92,55 (const)         75.00% <td></td> <td></td> <td></td> <td></td> <td></td>					
23       10/26/9807:50       1001484       TERRY       61,820M       26,080M       39,740       17,87         24       10/26/9807:51       1001484       LLOYD       51,340M       25,120M       26,220       13.11         25       10/26/9807:51       1001484       TERRY       61,280M       26,080M       35,200       17,87         26       10/26/9807:51       1001484       TERRY       61,280M       26,080M       35,200       17,60         26       10/26/9807:51       1001484       TERRY       61,280M       26,080M       35,200       17,60         26       10/26/9807:51       1001484       TERRY       62,180M       26,080M       35,200       14,59         27       10/26/9807:52       1001484       TERRY       62,180M       26,080M       35,100       18.05         28       10/26/9807:52       1001484       TERRY       52,040M       26,080M       35,960       17.98         30       10/26/9808:15       1001484       TERRY       54,720M       26,080M       35,960       14.32         powpleted Loads       Manifests Received       Completed Weight       Estimated Weight       150.00 (tons)       721.55 (tons)         75.00%					
24       10/26/9807:51       1001484       LLOYD       51,340M       25,120M       26,220       13.11         25       10/26/9807:51       1001484       TERRY       61,280M       26,080M       35,200       17 60         26       10/26/9807:51       1001484       TERRY       61,280M       26,080M       35,200       17 60         26       10/26/9807:51       1001484       TERRY       62,180M       26,080M       35,100       18.05         27       10/26/9807:52       1001484       TERRY       62,180M       26,080M       36,100       18.05         28       10/26/9807:52       1001484       TERRY       62,040M       26,080M       35,960       17.98         30       10/26/9807:52       1001484       TERRY       52,040M       26,080M       35,960       17.98         30       10/26/9808:15       1001484       TERRY       54,720M       26,080M       35,960       17.98         30       10/26/9808:15       1001484       TERRY       52,040M       26,080M       13.97         75.00%       30       481.00%       Completed Weight       ExtUpAterit Weight       150.00 (tons)       721.55 (tons)         Totrate Extended Extended Ex					
25       10/26/9807:51       1001484       TERRY       61,280M       26,080M       33,200       17 60         26       10/26/9807:51       1001484       ILOYD       54,300M       25,120M       29,180       14,59         27       10/26/9807:51       1001484       TPRRY       62,180M       26,080M       36,100       18.05         28       10/26/9807:52       1001484       TERRY       62,040M       25,020M       37,120M       27,940       13.97         29       10/26/9807:52       1001484       TERRY       62,040M       26,080M       35,960       17.98         30       10/26/9808:15       1001484       TERRY       62,040M       26,080M       35,960       17.98         30       10/26/9808:15       1001484       TERRY       54,720M       26,080M       15,960       14.32         owpletted Loads       Manifests Received       Completed Weight       Estimated Weight       TOTA1, Net Wtt       721.55 (10114)         75.00%       30       481.00%       150.00 (10115)       122.55 (10114)       721.55 (10114)         Proces #         Proces #       Proces #       60,57,57,57,57,57,57,57,57,57,57,57,57,57,					
26       10/26/9807:51       1001484       ILOYD       54,300M       25,120M       29,180       14,59         27       10/26/9807:51       1001484       TPRRY       62,180M       26,080M       36,100       18.05         28       10/26/9807:52       1001484       1LOYD       53,060M       25,120M       27,940       13.97         29       10/26/9807:52       1001484       TBRRY       62,040M       26,080M       15,950       17.98         30       10/26/9808:15       1001484       TERRY       62,040M       26,080M       15,950       17.98         30       10/26/9808:15       1001484       TERRY       62,040M       26,080M       15,950       17.98         30       10/26/9808:15       1001484       TERRY       54,720M       26,080M       15,950       14.32         owpleted Loads       Manifests Received       Completed Weight       Estwated Weight       721,55 (ions)       721,55 (ions)         75.00%       30       481.00%       150.00 (ions)       150.00 (ions)       721,55 (ions)         70       10/26/98       10/26/98       10/26/98       10/26/98					
27       10/26/9807:51       1001484       TFRRY       62,180M       26,080M       36,100       18.05         28       10/26/9807:52       1001484       1LOYD       53,060M       25,120M       27,940       13.97         29       10/26/9807:52       1001484       TBRRY       62,040M       26,080M       15,950       17.98         30       10/26/9808:15       1001484       TERRY       62,040M       26,080M       15,950       17.98         30       10/26/9808:15       1001484       TERRY       54,720M       26,080M       15,950       17.98         30       10/26/9808:15       1001484       TERRY       54,720M       26,080M       15,950       14.32         owpleted Loads       Manifests Received       Completed Weight       Estimated Weight       70TAI, Net Wts       721.55 (iouis)         75.00%       30       481.00%       150.00 (toms)       150.00 (toms)       721.55 (iouis)         Food #         Proce # 25 - 51.5 FUE # 20         10/26/98					
28       10/26/98 07:52       1001484       1LOYD       53,060M       23,120M       27,940       13.97         29       10/26/98 07:52       1001484       TBRRY       52,040M       26,080M       35,950       17.98         30       10/26/98 08:15       1001484       TERRY       52,040M       26,080M       35,950       17.98         30       10/26/98 08:15       1001484       TERRY       54,720M       26,080M       25,640       14.32         owpleted Loads       Manifests Received       Completed Weight       Exturbated Weight       70TAI, Net Wtt         75.00%       30       481.00%       150.00 (tons)       721.55 (toust)         76       Anne       7671       Data       72.55 (toust)       150.00 (tons)       721.55 (toust)         76       Anne       767.52       Frog       72.93       10/26/98       10/26/98         4.8       Proces #       Proces #25.74/5 FW#/1500       10/26/98       10/26/98					
29       10/26/9807:52       1001484       TBRRY       52,040M       26,080M       35,950       17.98         30       10/26/9808:15       1001484       TERRY       52,040M       26,080M       25,640       14.32         owpleted Loads       Manifests Received       Completed Weight       Exturbated Weight       TOTAL, Net Wtt         75.00%       30       481.00%       150.00 (tons)       721.55 (tous)         Foot at a product of the section of the se					
30     10/26/9808:15     1001484     TERRY     54,720M     20,080M     28,640     14.32       owpleted Loads     Manifests Received     Completed Weight     Extinuated Weight     TOTAL, Net With 72,00%       75.00%     30     481.00%     150.00 (tons)     721.55 (tons)       Post-lit' Fax Note       76     Are (Evelopertific Frog Frog Frog Frog Frog Frog Frog Frog			NI 20,140191		
Ownpleted Loads     Manifests Received     Completed Weight     Refire Atentiation       75.00%     30     481.00%     Refire Atentiation       Post-It' Fax Nole     7671     Data 1072 7     Post-It' Fax Nole     7671     Data 1072 7       To Anne     7671     Data 1072 7     Post-It' Fax Nole     7671     Data 1072 7     Post-It' Fax Nole     7671     Data 1072 7       To Anne     Fear     Fear     Fear     Fear     Fear     Fear       107.00%     Phone #     Phone #     Phone #     Fear     Fear       10726/98     10726/98     10726/98					
75.00%     30     481.00%     150.00 (tons)     721.55 (tails)/       Post-It' Fax Nole     7671     Data /0707     Jester / /     ////////////////////////////////////	30 10/20/98/8/13. 100/464 1ERCCE		<u> 20,000///1</u>		
Post-11+ Fax Note 7671 Data 10707 Pages / To Ane (Everentific From Angeliant Converse of Process 25 - 575 FV/ B1/500 10/26/98					(+ Net Wits) 1.55 (10115)
1-R Prove a Prove a 25-3/5 FV & 1/20				ul uu uu ari	///////////////////////////////////////
1-R Prove a Prove a 25-3/5 FV & 1/20	Data contrare [16]	x1			
Convert 4025 Co. 1026/98	A Report of the second of the	- Comment			
1-R Prove # 25-3/5 54/84/200 10/26/98	LAUL OVERLIT TRIVILL		/		•
10/20/30		10115			
Fritzszyses-ferre		0750		1	10/26/98
	Fax 253/363-FEVE Fax				
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### FAX COVER SHEET

Thursday, October 22, 1998 05:33:17 AM

To: MARK LAVERGNE At: TPCHD Fax #: 12537987663

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Fax: 5 pages and a cover page.

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Tacoma-Pleros County Health Dept

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### TRANSGLOBAL ENVIRONMENTAL OEOSCIENCES NORTHWEST INC.

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### Received

### OCT 22 1998

Tacoma-Plorce County Health Dept

SOUTH PARK PROJECT Tacoma, Washington A A Buvironmental Assessment, Inc.

Dieset and Oll in Soil by NWTPH-Dx/Dx-Extended -----\*\*\*\*\*\* -----Heavy Oil Dissel Recovery Date Sample mg/kg Ж mg/kg Number o = 3 4 \_\_\_\_\_ nge 96 nđ 10/21/98 Meth. Blank 930 nð 105 10/21/98 WO1 nd nd 70 10/21/98 WO2 133 nd 10/21/98 **WO3** 210 nd 10/21/98 86 HO1 40 20 MDL "nd" Indicates not detected at the listed detection limit. "int" Indicates that interference peaks prevent determination. 化乙基苯基苯 化乙酰基苯基 医脊髓膜腔道 

I left the site yesterday with instructions to overexcate another 3 to 5 feet in waste oil pit 4 I foot in Heating oil pit. Will 'swing by the site today on m Mark Sattle We results for dispensers yet, but didn't bok good at the Island along 2nd Took a sample of sidewall (SW72) or HCID. Strong, strange smell to it. 2CRA8, Leal, & PCB's not in yet. from nome 1a.ÜC

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### TRANSOLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

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SOUTH PARK PROJECT Tacoma, Washington -A A Bavironmental Assessment, Inc.

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Tacoma-Pierce County Health Dopt.

### Specific Halogenated Hydrocarbons and BTEX (BPA 8021B) in Soil

usaaan aannan Sample-Number	MDL	Mana ==== Method Blank	WO1	MS	MSD	RPD
Date		10/21/98	10/21/98	10/21/98	10/21/98	10/21/98
	mg/kg	աყ/հց	nsg/kg	<b>%</b> 6	<b>7</b> 61	
Vinylchloride	0.05	nd	nð	******		**
Benzene	0.05	nđ	0.24	82	89	8.2%
Toluene	0.05	nd	nđ	R6	82	4.8%
Ethylbrazene	0.05	nd	nđ			
Total-Xylene	0.05	nđ	nd	••	••	
1,1 Dichloroethene	0.05	nd	nd			
Dichloromethane	0.05	nđ	nd			•••
Trans-1,2 Dichloroethene	0.05	nd	nd			
1,1 Dichloroethans	0.05	ha	bn	•-	**	
Cis-1,2 Dichloroethene	0.05	กป	nd	•-	•-	••
Chloroform	0.05	nd	nd	•-	-•	
1,1,1 Trichloroethane	0.05	nd	nd	**	-	
Carbon Tetrachloride	0.05	nđ	nd		••	••
1,2 Dichloroethane	0.05	nđ	nd	••	••	••
Trichloroethene	0.05	nd	nd	82	82	0.0%
1,1,2 Trichloroethane	0.05	nđ	nd	••	**	•-
Tetrachlorophone	0.05	nđ	nd	••	•-	**
1,1,1,2-Tetrachloroethane	0.05	nđ	กต่		•-	
1,1,2,2-Tetrachloroethane	0.05	nđ	nd	••	••	••
Chlorobenzene	0.05	nđ	hu	111	120	7.8%
Spike Recovery (%)		70	81	96	117	19.7%

公司部当当时 网络三百姓 法百三年代的 法通知通知者 物合合体有限 化并并并存在 电自动控制器 医生活的单位

"nd" Indicates Not Detected at the listed detection limit.

"Int" Indicates that Interference peaks prevent determination.

计算机算符 机合作工作性 计存在口口器 化白色化白白 计算机算机的 化合并成合体 机化合合体的 医胆囊间隙

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWESTING

Page 1

SOUTH PARK PROJECT Tacoma, Washington A A Environmental Assessment, Inc.

Oasoline (NWTPH-Ox) & BTEX (EPA 8020) Analyses for Soils

Date Date Analyzed	Benzene mg/kg	Toluene mg/kg	=∞ = = = = Eih Benz mg/kg	NAME IN Xylenc mg/kg	Gasoline mg/kg	Kecovery (%)
	•		nd	กป	nd	89
				0.88	nd	91
				nd	nd	101
-					лɗ	82
10/21/98				•	nd	114
10/21/98	nđ	nd				
10/21/98	nd	nđ	nd			13
10/21/98	nd	nd	រាជ			
	ស	hu	nd		bn	101
	nđ	nđ	กป	, pq	កថ	100
10/21/98	bn	nđ	nd	'nđ	ha	10B
mits	0.05	0.05	0.05	0.05	10	
	Analyzed 10/21/98 10/21/98 10/21/98 10/21/98 10/21/98 10/21/98 10/21/98 10/21/98 10/21/98	Date         Benzene           Analyzed         mg/kg           10/21/98         nd           10/21/98         nd	Date         Benzene         Toluene           Analyzed         mg/kg         mg/kg           10/21/98         nd         nd           10/21/98         o.us         nd           10/21/98         nd         nd	Date         Benzene         Toluene         Eth Benz           Analyzed         mg/kg         mg/kg         mg/kg         mg/kg           10/21/98         nd         nd         nd         nd           10/21/98         o.us         nd         nd         nd           10/21/98         nd         nd         nd         nd	Date         Benzene         Toluene         Eth Benz         Xylenc           Analyzed         mg/kg         mg/kg         mg/kg         mg/kg         mg/kg           10/21/98         n.d         n.d         n.d         n.d         n.d           10/21/98         o.us         n.d         n.d         n.d         n.d           10/21/98         n.d         n.d         n.d         n.d         n.d	Date       Benzene       Toluene       Eth Benz       Xylenc       Gasoline         Analyzed       mg/kg       mg/kg       mg/kg       mg/kg       mg/kg       mg/kg         10/21/98       nd       nd       nd       nd       nd       nd       nd         10/21/98       o.us       nd       nd       nd       nd       nd       nd         10/21/98       nd       nd       nd       nd       nd       nd       nd <td< td=""></td<>

"ad" Indicates not detected at the listed detection limits.

"int" Indicates that interferences prevent determination.

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Tacoma-Plerce County Health Dept.

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### TRANSOLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

Page 2

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- SOUTH PARK PROJECT
- Tacoma, Washington
  - A A Environmental Assessment, Inc.

#### Dieset Range Hydrocarbons in Soil by NWTPH-Dx

Sample Number	* = = = = = =	Date	Recovery (%)	Diesel Diesel mg/kg
****				****
Meth. Blank		10/21/98	98	กป
F.9		10/21/98	102	nd
E10		10/21/98	¥7	nđ
P3		10/21/98	103	nđ
Meihod Deie	ction Limit			20

"nd" Indicates not detected at the listed detection limit.

"int" Indicates that interforing peaks prevent determination.

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### RECEIVED

### OCT 22 1998

Rooma-Plor<mark>ce County</mark> Health Dept.

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Thursday, October 22, 1998 05:33:17 AM

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### DON GOLDEN CO., INC.

PETROLEUM AND INDUSTRIAL EQUIPMENT

April 12, 1977

RECEIVED

PROPOSAL

Tacoma-Pierce. County

Propasal submitted to:

Mrs. Audrey C. Edwards

Tacoma, Washington

We hereby submit specifications and estimates for: Quotation to furnish and install 1 - 10,000 gallon tank and install at

72nd. and Park Ave. Tacona, Washington.

Job to consist of excavation - with all new backfill, piping, electrical, concrete work, asphalt patching, change piping on two 3,000 gallon tanks to syphon system, install sub pump from 3,000 gallon tank in new 10,000 gallon tank and all necessary work to complete job.

Contractor shall not be libel for any unknown underground objects.

We hereby propose to furnish labor and materials - complete in accordance with the above specifications, for the sum of \$6,466.80.

\$6153.00 <u>313.80</u> Sales Tax \$6966.80 Total

\$2,155.60 2,155.60 2;155.60 due upon completion \$6,466.80

Authorized signature Note: This proposal may be withdrawn by us 12 not accepted within 30 days

Signature

Signature

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Date

The above calculations are to be used for dry and conditions to selected strongly or where using the bar pound rate to compresses for the presence of authoritors writer in the tank area. 21 Refer to NF.P.A. 30, Sections 2-3.2.4 and 2-7.2 and the tank manufacturer reperfing above by state test preserves. OVER	RECEIVED JUL 2 4 1998 Tacoma-Pierce County Health Dand	the maximum storable tests preserve to all tests. Four pound rule does not apply to double-mediat tents Complete section between 1 is four pound rule required? In $\square$ In $\square$ 2. Height to 12 <sup>-</sup> means from contain of tests. 3. Preserve at bottom of tests. 4. Preserve at bottom of tests. 4. Preserve at top of tests. 4. Preserve at top of tests. 5. $\square$	Carl's       Acto       Repair       7203         None of Suppler Order of Easter       Norman Repair       Norman Repair       Norman Repair       Norman Repair         15. TANK TO TEST       Dicst Tack       Digg       Digg       Digg       Digg       Digg         17. Fill-up FOR TEST       State was and and and and approximate approximate and another products to the state and another products to the state and another products to take       Difference       Dif
Contractive of Expansion is include 9 model From Table 9	23. Diges per "F in ange of expected charge       31.         23. Diges per "F in ange of expected charge       31.         242. Connected A P.I. Gravity       31.         Observed A P.I. Gravity       31.         Observed A P.I. Gravity       41.         Hydrometer employed       41.         Connected A P.I. Gravity       41.         Connected A P.I. Gravity       41.         Observed Sample Temperature       41.         Connected A P.I. Gravity       42.         George F. From Table A       41.	19. TANK MEASUREMENTS FOR TSTT ASSEMBLY         some of two grads*         and two to grads*         Add two transmission         Total boling to maximum a approximate         20. EXTENSION HOSE SETTING         These top to grads*         20. EXTENSION HOSE SETTING         These top to grads*         Laboration         Laboration         States         States         The top top states         Laboration         Laboration     <	$\frac{7203}{100} \frac{S}{100} \frac{S}{1000} \frac{S}{10000} \frac{S}{10000} \frac{S}{10000} \frac{S}{10000} \frac{S}{100000} \frac{S}{1000000} \frac{S}{1000000} \frac{S}{10000000} \frac{S}{100000000} \frac{S}{100000000000000000000000000000000000$
Conflictent of Water Table D Added Surfacement $\Box$ The $\Box$ No Transfer COE to Line 252. Table D Volume change in this land per Tr $= \frac{OO292777444}{Compute the depth optimum Compute to 4 dectimal places.$	Commed A.P.L. Graity	21. VAPOR RECOVERY SYSTEM     Stape 1       24b. COEFFICIENT OF EXPANSION       RECIPROCAL METHOD       Type of Product       Product       Market companyed       4       Temperature of Sample       5       Collemance (r/)	$\frac{WA}{Sue} \qquad 1 - 2 \\ \frac{WA}{Sue} \qquad 0 as of 7 \\ \frac{1}{2} $

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P-T Tank Test Data Chart Additional Info

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#### SME CORPORATION 2302 "A" ST. TACOMA, WA 98402 TAY (2001 572, 2020

TACOMA, WA 98402 FAX (206) 572-0978 FROM SEATTLE (206) 682-9412 TACOMA (206) 572-3822

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INVOICE NO.

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BILL TO:

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PATRICIA KUCHENMEISTER c/o CARL'S AUTO REPAIR 17915 40th AVE, EAST TACONA, WA, 98446

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Cash Check Charge Net 10	· · · · · · · · · · · · · · · · · · ·		and services	
PLEASE PAY ON THIS INVOICE. STATEME "Customer agrees that tille to all materials noted above and f been received by Seller".				
All accounts are due and payable by the 10th of the month folk which is an ANNUAL PERCENTAGE BATE OF 18%, or 50¢ r	owing date of invoice. FINANCE CHARG	E OF 11/2% per month s. Customer shall pay	•	
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# SIME CORPORATION 2302 "A" ST. TACOMA, WA 98402 572-3822

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TEST DATE: 12/09/94

S.M.E. CORPORATION 2302 A ST. TACOMA, WA, 98402

TANK STATUS EVALUATION REPORT 

\*\*\*\*\* CUSTOMER DATA \*\*\*\*\*

CARLS AUTO REPAIR

\*\*\*\*\* SITE DATA \*\*\*\*\*

KUCHENMEISTER GAFFIKIN & EDWARDS 151 S. 67TH

> TACOMA, WA. 98408-5414

7202 SO. PARK AVE

CONTACT: PHONE #: (206)847-1234

TACOMA, WA.

98408-7305

CONTACT: HAMMERICH CARL PHONE #: (206)472-4000

#### \*\*\*\*\* COMMENT LINES \*\*\*\*\*

SITE # 007010 WA: ECOLOGY. TEST TANK ONLY, NO LEAK DETECTORS ON PRODUCT LINE TO ISOLATE AND TEST AT 1 1/2 OPERATING PRESSURE 2 LEAKS - TURBINE SEAL AND N. DISPENSOR - REPAIRED. LEAK DE-TECTORS REQUIRED DEC. 1990 ON PRESSURIZED LINES.

CURRENT EPA STANDARDS DICTATE THAT FOR UNDERGROUND FUEL TANKS, THE MAXIMUM ALLOWABLE LEAK/GAIN RATE OVER THE PERIOD OF ONE HOUR IS .07 GALLONS.

TANK #1: REG UNLEADED

TYPE: STEEL

RATE: .112568 G.P.H. LOSS

TANK IS NOT TIGHT. 

RECEIVED JUL 2 4 1998 Tacoma-Pierce County Health Dept.

OPERATOR: DEVIN WILKERSCHSTGNATURE: DATE:

1 6

INVOICE #SM000234



SME CORPORATION 2302 "A" ST, TACOMA, WA 98402\_ FAX (206) 572-0978 FROM SEATTLE (206) 682-9412 TACOMA (206) 572-3822

SEATTLE, WA (206) 767-5032
PORTLAND, OR (503) 286-3728
SPOKANE, WA (509) 927-3129

SHIP TO:

dines, site 2 2

INVOICE NO.

44196

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PATRICIA KUCHENMEISTER c/o CARL'S AUTO REPAIR 17815 40th AVE. EAST TACOMA, WA. 98446 .

CARL'S	AUTO	REPA	IR
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TACOMA	, WA.	984	08
TANK T	ESTIN	Э	

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03/23/199		<u>)15</u>		DUE	UPON REC	EIPT		<u> </u>			
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	PLEASE PAY ON THIS INVOICE. STATEMENT SENT TO DELINQUENT ACCOUNTS ONLY. "Customer agrees that title to all materials noted above and turnished by Seiler remains with Seiler until all payments have								1739.02 137.37		
been received by Seller	•		·			•••		Tax 7.90%			
All accounts are due and which is an ANNUAL Pl	ERCENTAGE RAT	TE OF 18%, or (	50¢ minimum, char	ge on all p	ast due accounts	OF 11/2% Custome	per month shall pay	Payments	0.00		
reasonable altorney's fees and legal expense incurred, if this account is referred for legal action.								Net Amnt	1876.39		
			—Than	kЦ	// MU						
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### SME CORPORATION MATERIAL REPORT TODAY'S DATE 03/23/95 PAGE 1

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WORK ORDER # 950323015 CUSTOMER:

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PART NUMBER	DESCRIPTION	QUANT.	uzm u	NIT PRICE	EXTENDED
SMEØ1 DISPOBAL DISPOSAL CONCRETE S1ØØ AB6-2A	SIMER PUMP RENTAL DIESEL / WATER GASOLINE / WATER PRE-MIX ABSORB PAD/& ENVIRO-DISPOSAL ABUS LOCK	1.00 550.00 150.00 6.00 10.00 8.00	ul Hu Ea	15,00 1,20 1,20 2,27 2,14 5,00	10,00 660.00 180,00 18.64 21.40 40.00

MATERIAL TUTAL

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### HORK ORDER LABOR SUMMARY REPORT SHE Corporation DATE 03/23/95

Employee Name	Date	Reg Krs/	Rate Ol	Hrs/	Kate	Travel/	Rate	Kileage/	Kate	Total Excertatestatestatestates
SCOTT D. HILLER	83/13/1995	2,58 3	5.08	22222	02222333	0.50 HR (	36.0B	0.88	0,89	169.68
Description: CURTIS C. JACKSON	DISCONNECT ELECTRICA 63/13/1995	2,58 3				0.50 HR (	35.00	8.88	6.68	168.66
Description: VILLIAN S. CUSICK	BLOH BACK LINES, PUN 03/14/1995	P OUT AND 1.58 4	BARREL FL 14.50	IEL/WA	TER NI	XTURE 0,58 HR ·	44.50	6,80	6.00	89,08
Description NARVIN EDELBACH	PERFORN TENPORARY TI 03/14/1995		S			0.50 HR :	36.00	8.68	8.69	234.68
Description CURTIS C. JACKSON			LOCK ALL	DISPE	HSERS	8,58 HR	36.60	6,68	8,80	234.88
Description:	PUNP OUT TANKS AND	ARREL. N	IX CONCRE 36.00			<b>0.80</b> HK		0.08	8,16	36,00
Description:		IO HOLDING	TANK IN	YARD F	OR ENV	IRONHENTAL	DISPOS	l.		

19.50 HRS 0.00 HRS

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### JUL 2 4 1999

Tacoma-Pierce County Health Dept



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## SME CORPORATION 2302 "A" ST. TACOMA, WA 98402

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