CTTS, Inc.
toxic technology services

October 19, 1992
Project No. 92-1

Mr. Dave Delamotte
Durham Transportation
P.O. Box 948
Rosemead, California 91770

Subject: Progress Report #16
Period Covering
July 1, 1992 - September 30, 1992
19984 Meekland Avenue, Hayward, CA

Dear Mr. Delamotte:

Enclosed is the fifteenth progress report for the Phase II investigation to evaluate the extent of soil and groundwater contamination at 19984 Meekland Avenue in the unincorporated area of Alameda County, near Hayward, California.

This report covers the following topics:

Introduction
Monthly Monitoring of Groundwater Elevations
Quarterly Monitoring Well Sampling and Analysis
Summary

After your review of this document, it is recommended that copies be sent to Ms. Juliete Shin of the Alameda County Health Care Services Department, Hazardous Materials Division and to Eddy So of the Regional Water Quality Control Board. Extra copies of this report have been provided to you for this purpose.

Thank you for this opportunity to provide Durham Transportation with these environmental services. If you have any questions, please call either of the undersigned at (510) 799-1140.

Sincerely,

Lisa A. Polos, REA, CHMM
Senior Scientist
Toxic Technology Services
CTTS, Inc.

John N. Alt, CEG #1136
Consulting Geologist
Toxic Technology Services
CTTS, Inc.

Enclosure
LAP/JNA/lap

INTRODUCTION

The following is the sixteenth progress report of activites in the evaluation of the extent of soil and groundwater contamination at 19984 Meekland Avenue, in the unincorporated area of Alameda County, near Hayward, California. This report covers the period of July 1, 1992 - September 30, 1992.

The purpose of this on-going investigation is two fold; to assess the extent of soil and groundwater contamination and to characterize the contamination with regards to constituents and concentration. This investigation will result in the preparation of a remediation plan that will recommend appropriate, available technology.

MONTHLY MONITORING OF GROUNDWATER ELEVATIONS

As stated in previous reports, the groundwater gradient at the site is essentially flat. The elevation of the groundwater has been measured in the monitoring wells on site by surveying the elevation of the top of the casing and measuring the depth to groundwater using an electronic probe. The elevations are based on Alameda County benchmark BLO-MEEK located in the middle of the intersection of Blossom Way and Meekland Avenue. The depth to groundwater was measured in December of 1989, January of 1990, and then monthly since March of 1990.

The data are presented on Table 1. For the most part, the elevations to groundwater in the wells are within 0.1 feet and are about at the level of error in the measuring techniques. Table 1a presents the monthly odor and sheen observations recorded concurrently with the elevations to groundwater.

Figure 1 is a gradient map depicting the actual groundwater gradient for the site over the reporting period. The data indicate that the site is essentially flat with a very low westward to northwestward gradient. This is consistent with the regional gradient. The data also indicate that the water table fluctuates in response to the various seasons of the year.

QUARTERLY MONITORING WELL SAMPLING AND ANALYSIS

On July 16 and 17, 1992, the four two-inch diameter on site groundwater monitoring wells (Plate 1) were each purged of a minimum of 6 gallons of water and samples collected. The six four-inch diameter wells were each purged of a minimum of 25 gallons of water and samples collected. Bailing was conducted starting with the least contaminated well moving to wells that have historically shown the greatest levels of contamination, using a PVC Triloc pump. The pump was rinsed between wells with tap water. Samples were collected using a new, disposable, plastic bailer for each well. Purged water was contained in 55 gallon drums.

Sampling was conducted by Lisa Polos, REA, and John Alt, CEG, of Toxic Technology Services.

At the time of sample collection, the contents of the first bailer of water were inspected to assess the presence of any floating product. None of the wells, at the time of sample collection, contained floating product.

Collected samples were put into a cooled ice chest and transported to NET Pacific Laboratory in Santa Rosa California for analysis of Total Petroleum Hydrocarbons as Gasoline and Diesel, BTEX and Volatile Halogenated Hydrocarbons.

Table 2 presented below summarizes the results from this sampling round. The NET analytical reports are presented under Appendix A.

The State of California Maximum Contaminate Level (MCL) in drinking water is 0.5 ppb for 1,2-Dichloroethane, 1750 ppb for Xylenes and 1 ppb for Benzene. The recommended drinking water action level for Toluene is 100 ppb.

SUMMARY

In summary, all wells except MW-8 and MW-11, are over the MCL in drinking water for 1,2-Dichloroethane. All wells except MW-4 and MW-8 are over the MCL for Benzene. MW-1 is over the MCL for Xylenes. MW-1, MW-5, MW-6 and MW-9 are over the recommended drinking water action level for Toluene.

Trace levels of Tetrachloroethane were found in MW-7 and MW-8. The highest level of gasoline was found in MW-1. Petroleum hydrocarbons heavier than gasoline, but lighter than diesel were found in every well except MW-4 and MW-8. This seems to indicate the presence of very old gasoline.

MW-8, the on site up gradient well, contains trace levels of Toluene and Tetrachloroethene. Levels of contamination in MW-8, when present, are substantially lower than in the rest of the wells and still seem to indicate that the source of contamination was located on site.

Data from MW-10 and MW-11 indicate that groundwater contamination has migrated off site. However, levels of contamination in MW-10 seem to suggest the possibility of additional off site sources contributing to the contaminant plume. In the sampling episodes that have included MW-10 and MW-11, results indicate that levels in MW-10 are substantially higher than levels in MW-11. MW-11 is closer to the site and exhibits contaminant levels more in keeping with the closest on site well (MW-3). Yet, contaminant levels in MW-10 have been among the highest values noted.

TABLE 1

GROUNDWATER ELEVATIONS (feet above MSL)
DURHAM TRANSPORTATION--MEEKLAND PROJECT

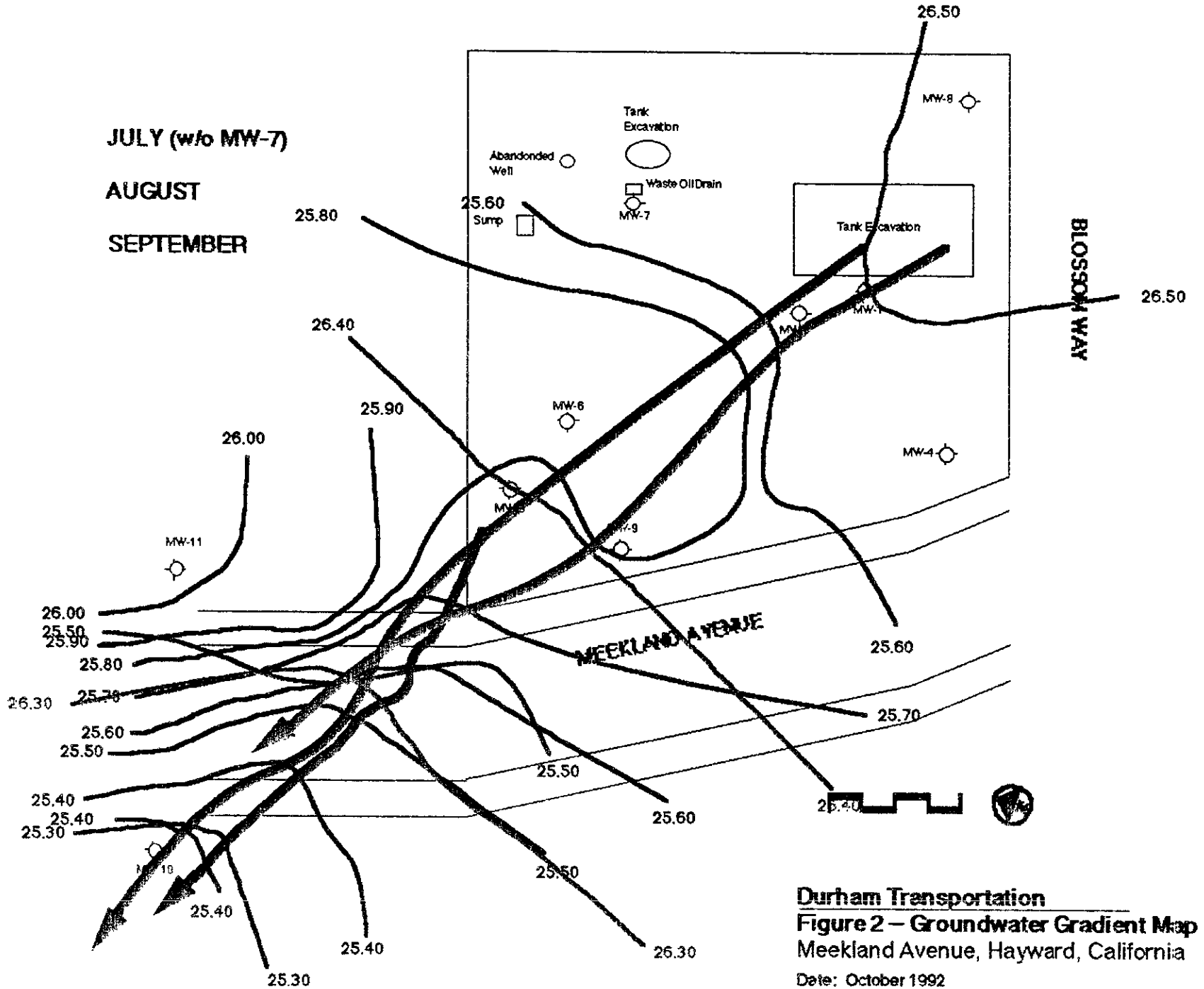
DATE	MW1	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11
Jan-91	25.18	25.16	25.22	25.54	25.16	25.21	.	.	.	.
Feb-91	25.44	25.38	25.45	25.39	25.40	25.46	25.48	25.40	.	.
Mar-91	27.48	27.45	29.56	26.62	27.46	27.50	27.40	27.40	.	.
Apr-91	28.15	28.09	27.99	28.04	28.00	28.02	28.06	27.99	.	.
May-91	27.18	27.12	27.16	27.17	27.11	27.19	27.19	27.13	.	.
Jun-91	26.54	26.45	26.56	26.77	26.46	26.53	26.57	26.58	.	.
Jul-91	26.12	26.04	26.05	26.13	26.04	26.10	26.13	26.04	.	.
Aug-91	25.59	25.49	25.62	25.37	25.50	25.59	25.60	25.52	.	.
Sep-91	25.15	25.18	25.18	25.49	25.06	25.16	25.18	25.15	.	.
Oct-91	24.88	24.86	24.92	25.00	24.82	24.97	24.94	24.84	.	.
Nov-91	24.96	24.90	24.97	24.94	24.87	24.94	24.96	24.89	.	.
Dec-91	24.76	24.69	24.78	24.89	24.67	24.76	24.79	24.70	.	.
Jan-92	25.39	25.31	25.28	25.48	25.31	25.37	25.37	25.32	25.16	25.90
Feb-92	28.24	28.23	28.22	28.24	28.15	28.24	28.26	28.19	28.37	28.18
Mar-92	28.46	28.54	28.46	28.49	28.40	28.46	28.59	28.42	28.32	28.41
Apr-92	28.49	28.43	28.48	28.39	28.43	28.49	28.51	28.44	28.32	28.44
May-92	27.77	27.76	27.75	27.79	27.56	27.75	27.79	27.70	27.67	27.68
Jun-92	26.91	26.92	26.87	26.88	26.81	26.87	26.92	26.81	26.64	26.76
Jul-92	26.50	26.40	26.47	26.49	26.41	28.16	26.53	26.41	26.23	26.37
Aug-92	25.86	25.88	25.85	25.81	25.76	25.83	25.88	25.79	25.26	26.07
Sep-92	25.65	25.68	25.64	25.60	25.56	25.61	25.67	25.56	25.39	25.54

TABLE 1a

GROUNDWATER ODOR AND SHEEN OBSERVATIONS
DURHAM TRANSPORTATION--MEEKLAND PROJECT

	MW1		MW3		MW4		MW5		MW6		MW7		MW8		MW9		MW10		MW11	
Jan-91	O	S	-	-	-	-	-	-	o	-	o	-	.	.	.	.	.	.	.	.
Feb-91	O	S	-	-	-	-	o	-	o	-	-	-	-	-	o	-	.	.	.	.
Mar-91	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	.	.	.	.
Apr-91	O	-	-	-	-	S	-	-	-	-	-	-	-	-	-	-	.	.	.	.
May-91	-	-	-	-	-	-	o	-	-	-	-	-	-	-	-	-	.	.	.	.
Jun-91	o	-	-	-	-	-	o	-	-	-	-	-	-	-	-	-	.	.	.	.
Jul-91	O	S	-	-	-	-	-	-	o	-	-	-	-	-	-	-	.	.	.	.
Aug-91	O	S	-	-	o	-	o	-	o	-	o	-	-	-	-	-	.	.	.	.
Sep-91	O	S	-	-	-	-	o	-	o	-	-	-	-	-	-	-	.	.	.	.
Oct-91	O	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.	.	.	.
Nov-91	O	S	-	-	-	-	o	-	o	-	-	-	-	-	-	-	.	.	.	.
Dec-91	O	S	o	-	-	-	o	-	o	-	-	-	-	-	-	-	.	.	.	.
Jan-92	O	S	o	-	-	-	o	-	o	-	-	-	-	-	o	-	o	-	o	-
Feb-92	O	-	-	-	-	-	o	-	-	-	-	-	-	-	-	-	O	-	-	-
Mar-92	O	-	-	-	-	-	o	S	-	-	-	-	-	-	o	-	o	-	-	-
Apr-92	o	-	o	-	-	-	o	-	o	-	-	-	-	-	-	-	o	-	-	-
May-92	O	S	o	-	-	-	o	-	-	-	o	-	-	-	-	-	o	-	o	-
Jun-92	O	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	O	-	-	-
Jul-92	O	-	-	-	-	-	o	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-92	O	-	-	-	-	-	o	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-92	O	-	-	-	-	-	o	-	-	-	-	-	-	-	-	-	o	-	-	-

O=Strong Odor **o**=Slight Odor **S**=Sheen **-**=None Present **X**= No Observation Made



Durham Transportation

Figure 2 – Groundwater Gradient Map

Meekland Avenue, Hayward, California

Date: October 1992

Scale: 1 inch = 30 feet

CTTS, Inc. – Toxic Technology Services

TABLE 2

GROUNDWATER CHEMICAL DATA--JULY 1992
DURHAM TRANSPORTATION--MEEKLAND PROJECT

PARAMETER	UNITS	MW-1	MW-3	MW-4	MW-5	MW-6
Gasoline	mg/L	41	3	ND	27	8.6
Diesel	mg/L	*19	*2.4	ND	*5.9	*1.7
Benzene	ug/L	5600	190	ND	6000	1300
Ethylbenzene	ug/L	1300	ND	ND	ND	380
Toluene	ug/L	2600	2.8	ND	1500	280
Xylenes	ug/L	4000	410	ND	1600	1100
1,2-Dichloroethane	ug/L	49	30	1.3	93	35
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND

		MW-7	MW-7 DUP	MW-8	MW-9	MW-10	MW-11
Gasoline	mg/L	1.9	1.2	ND	4.4	8.1	2.1
Diesel	mg/L	*0.59	*0.7	ND	*1.3	*4.4	*0.71
Benzene	ug/L	410	21	ND	860	74	39
Ethylbenzene	ug/L	78	1	ND	210	360	100
Toluene	ug/L	21	2.6	3.3	340	ND	2.3
Xylenes	ug/L	170	90	ND	640	1100	53
1,2-Dichloroethane	ug/L	8.7	8.2	ND	22	29	ND
Tetrachloroethene	ug/L	2.1	2	1.6	ND	ND	ND

* The positive result for the Petroleum Hydrocarbon as Diesel analysis on this sample appears to be a lighter hydrocarbon than Diesel.

APPENDIX A

NATIONAL
ENVIRONMENTAL
TESTING, INC.

NET Pacific, Inc.
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

Lisa A. Polos
Toxic Technology Services
PO Box 515
Rodeo, CA 94572

Date: 08/06/1992
NET Client Acct No: 70700
NET Pacific Job No: 92.3950
Received: 07/17/1992

Client Reference Information

Durham, Project No. 92-1Q3

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

Jules Skamarack
Laboratory Manager

JS:rct
Enclosure(s)

NET Pacific, Inc

Client No: 70700 Date: 08/06/1992
Client Name: Toxic Technology Services
NET Job No: 92.3950 Page: 2

Ref: Durham, Project No. 92-1Q3

			Descriptor, Lab No. and Results		
			MW-8	MW-11	
			07/16/1992	07/16/1992	
Parameter	Method	Reporting Limit	129735	129736	Units
TPH (Gas/BTXE,Liquid)					
METHOD 5030 (GC,FID)			--	--	
DATE ANALYZED			07-22-92	07-22-92	
DILUTION FACTOR*			1	1	
as Gasoline	5030	0.05	ND	2.1	mg/L
METHOD 8020 (GC,Liquid)			--	--	
DATE ANALYZED			07-22-92	07-22-92	
DILUTION FACTOR*			1	1	
Benzene	8020	0.5	ND	39	ug/L
Ethylbenzene	8020	0.5	ND	100	ug/L
Toluene	8020	0.5	3.3	2.3	ug/L
Xylenes (Total)	8020	0.5	ND	53	ug/L
SURROGATE RESULTS			--	--	
Bromofluorobenzene	5030		99	110	% Rec.
METHOD 3510 (GC,FID)					
DILUTION FACTOR*			1	1	
DATE EXTRACTED			07-18-92	07-18-92	
DATE ANALYZED			07-20-92	07-20-92	
as Diesel	3510	0.05	ND	0.71**	mg/L

** The positive result for Petroleum Hydrocarbons as Diesel appears to be due to the presence of lighter hydrocarbon rather than Diesel.

NET Pacific, Inc

Client No: 70700 Date: 08/06/1992
Client Name: Toxic Technology Services
NET Job No: 92.3950 Page: 3

Ref: Durham, Project No. 92-1Q3

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-8 07/16/1992 129735	MW-11 07/16/1992 129736	Units
METHOD 601 (GC,Liquid)					
DATE ANALYZED			07-27-92	07-27-92	
DILUTION FACTOR*			1	1	
Bromodichloromethane	601	0.4	ND	ND	ug/L
Bromoform	601	0.4	ND	ND	ug/L
Bromomethane	601	0.4	ND	ND	ug/L
Carbon tetrachloride	601	0.4	ND	ND	ug/L
Chlorobenzene	601	0.4	ND	ND	ug/L
Chloroethane	601	0.4	ND	ND	ug/L
2-Chloroethylvinyl ether	601	1.0	ND	ND	ug/L
Chloroform	601	0.4	ND	ND	ug/L
Chloromethane	601	0.4	ND	ND	ug/L
Dibromochloromethane	601	0.4	ND	ND	ug/L
1,2-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,3-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,4-Dichlorobenzene	601	0.4	ND	ND	ug/L
Dichlorodifluoromethane	601	0.4	ND	ND	ug/L
1,1-Dichloroethane	601	0.4	ND	ND	ug/L
1,2-Dichloroethane	601	0.4	ND	ND	ug/L
1,1-Dichloroethene	601	0.4	ND	ND	ug/L
trans-1,2-Dichloroethene	601	0.4	ND	ND	ug/L
1,2-Dichloropropane	601	0.4	ND	ND	ug/L
cis-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
trans-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
Methylene chloride	601	10	ND	ND	ug/L
1,1,2,2-Tetrachloroethane	601	0.4	ND	ND	ug/L
Tetrachloroethene	601	0.4	1.6	ND	ug/L
1,1,1-Trichloroethane	601	0.4	ND	ND	ug/L
1,1,2-Trichloroethane	601	0.4	ND	ND	ug/L
Trichloroethene	601	0.4	ND	ND	ug/L
Trichlorofluoromethane	601	0.4	ND	ND	ug/L
Vinyl chloride	601	0.4	ND	ND	ug/L
SURROGATE RESULTS			--	--	
1,4-Difluorobenzene	601		87	82	% Rec.
1,4-Dichlorobutane	601		82	100	% Rec.

Ref: Durham, Project No. 92-1Q3

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Diesel	0.05	mg/L	80	ND	80	82	2.3
Motor Oil	0.5	mg/L	67	ND	N/A	N/A	N/A
Diesel	0.05	mg/L	80	ND	85	92	7.1
Motor Oil	0.5	mg/L	67	ND	N/A	N/A	N/A
Gasoline	0.05	mg/L	90	ND	92	88	3.0
Benzene	0.5	ug/L	112	ND	N/A	N/A	<1
Toluene	0.5	ug/L	120	ND	101	97	4.0

COMMENT: Blank Results were ND on other analytes tested.

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Benzene	0.5	ug/L	100	ND	87	89	2.3
Toluene	0.5	ug/L	100	ND	89	88	1.2
1,1-Dichloroethene	0.4	ug/L	105	ND	43	43	<1
Trichloroethene	0.4	ug/L	98	ND	57	56	1.8
Chlorobenzene	0.4	ug/L	124	ND	58	56	3.5

COMMENT: Blank Results were ND on other analytes tested.

NET Pacific, Inc

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
*	:	Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
ICVS	:	Initial Calibration Verification Standard (External Standard).
mean	:	Average; sum of measurements divided by number of measurements.
mg/Kg (ppm)	:	Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
mg/L	:	Concentration in units of milligrams of analyte per liter of sample.
mL/L/hr	:	Milliliters per liter per hour.
MPN/100 mL	:	Most probable number of bacteria per one hundred milliliters of sample.
N/A	:	Not applicable.
NA	:	Not analyzed.
ND	:	Not detected; the analyte concentration is less than applicable listed reporting limit.
NTU	:	Nephelometric turbidity units.
RPD	:	Relative percent difference, 100 [Value 1 - Value 2]/mean value.
SNA	:	Standard not available.
ug/Kg (ppb)	:	Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
ug/L	:	Concentration in units of micrograms of analyte per liter of sample.
umhos/cm	:	Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

NET Pacific, Inc.

435 TESCONI CIRCLE
SANTA ROSA, CA 95401
TEL: 707-526-7200
FAX: 707-526-9623

CHAIN OF CUSTODY RECORD

(7604)

PROJ. NO.	PROJECT NAME
92103	Durham

SAMPLERS: (Signature) [signature]

Remarks: STES, PO Box 515, Rodeo, CA 94572, (510) 799-1140; 206 TA

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TPH-D	TPH-G	BTEX	5601			REMARKS
	7/16/92			X	MW 8	5	X	X	X	X			
	"			X	MW 11	5	X	X	X	X			

CUSTODY SEALED 7/16/92 1900 [initials] seal intact

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	7/16/92 4:45	Mike Taverni [signature]	Mike Taverni [signature]	7/16/92 1900	

Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks
(VIA NCS)		[signature]	7/17/92 0800	

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Pacific, Inc.
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

Lisa A. Polos
Toxic Technology Services
PO Box 515
Rodeo, CA 94572

Date: 08/10/1992
NET Client Acct No: 70700
NET Pacific Job No: 92.3996
Received: 07/18/1992

Client Reference Information

Durham, Project No. 92-103

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

Jules Skamarack
Laboratory Manager

JS:rct
Enclosure(s)

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 2

Ref: Durham, Project No. 92-103

			Descriptor, Lab No. and Results		
			MW-1	MW-3	
			07/17/1992	07/17/1992	
Parameter	Method	Reporting Limit	129946	129947	Units
TPH (Gas/BTXE,Liquid)					
METHOD 5030 (GC,FID)			--	--	
DATE ANALYZED			07-25-92	07-24-92	
DILUTION FACTOR*			100	10	
as Gasoline	5030	0.05	41	3.0	mg/L
METHOD 8020 (GC,Liquid)			--	--	
DATE ANALYZED			07-25-92	07-24-92	
DILUTION FACTOR*			100	1	
Benzene	8020	0.5	5,600	190	ug/L
Ethylbenzene	8020	0.5	1,300	ND	ug/L
Toluene	8020	0.5	2,600	2.8	ug/L
Xylenes (Total)	8020	0.5	4,000	410	ug/L
SURROGATE RESULTS			--	--	
Bromofluorobenzene	5030		101	116	% Rec.
METHOD 3510 (GC,FID)					
DILUTION FACTOR*			10	10	
DATE EXTRACTED			07-22-92	07-22-92	
DATE ANALYZED			07-24-92	07-24-92	
as Diesel	3510	0.05	19**	2.4**	mg/L

** The positive result for Petroleum Hydrocarbons as Diesel appears to be due to the presence of lighter hydrocarbon rather than Diesel.

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 3

Ref: Durham, Project No. 92-103

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-1 07/17/1992 129946	MW-3 07/17/1992 129947	Units
METHOD 601 (GC,Liquid)					
DATE ANALYZED			07-30-92	07-30-92	
DILUTION FACTOR*			1	1	
Bromodichloromethane	601	0.4	ND	ND	ug/L
Bromoform	601	0.4	ND	ND	ug/L
Bromomethane	601	0.4	ND	ND	ug/L
Carbon tetrachloride	601	0.4	ND	ND	ug/L
Chlorobenzene	601	0.4	ND	ND	ug/L
Chloroethane	601	0.4	ND	ND	ug/L
2-Chloroethylvinyl ether	601	1.0	ND	ND	ug/L
Chloroform	601	0.4	ND	ND	ug/L
Chloromethane	601	0.4	ND	ND	ug/L
Dibromochloromethane	601	0.4	ND	ND	ug/L
1,2-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,3-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,4-Dichlorobenzene	601	0.4	ND	ND	ug/L
Dichlorodifluoromethane	601	0.4	ND	ND	ug/L
1,1-Dichloroethane	601	0.4	ND	ND	ug/L
1,2-Dichloroethane	601	0.4	49	30	ug/L
1,1-Dichloroethene	601	0.4	ND	ND	ug/L
trans-1,2-Dichloroethene	601	0.4	ND	ND	ug/L
1,2-Dichloropropane	601	0.4	ND	ND	ug/L
cis-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
trans-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
Methylene chloride	601	10	ND	ND	ug/L
1,1,2,2-Tetrachloroethane	601	0.4	ND	ND	ug/L
Tetrachloroethene	601	0.4	ND	ND	ug/L
1,1,1-Trichloroethane	601	0.4	ND	ND	ug/L
1,1,2-Trichloroethane	601	0.4	ND	ND	ug/L
Trichloroethene	601	0.4	ND	ND	ug/L
Trichlorofluoromethane	601	0.4	ND	ND	ug/L
Vinyl chloride	601	0.4	ND	ND	ug/L
SURROGATE RESULTS			--	--	
1,4-Difluorobenzene	601		106	119	% Rec.
1,4-Dichlorobutane	601		108	126	% Rec.

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 4

Ref: Durham, Project No. 92-103

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-5 07/17/1992 129948	MW-6 07/17/1992 129949	Units
TPH (Gas/BTXE,Liquid)					
METHOD 5030 (GC,FID)			--	--	
DATE ANALYZED			07-27-92	07-25-92	
DILUTION FACTOR*			100	10	
as Gasoline	5030	0.05	27	8.6	mg/L
METHOD 8020 (GC,Liquid)			--	--	
DATE ANALYZED			07-27-92	07-25-92	
DILUTION FACTOR*			1	10	
Benzene	8020	0.5	6,000	1,300	ug/L
Ethylbenzene	8020	0.5	ND	380	ug/L
Toluene	8020	0.5	1,500	280	ug/L
Xylenes (Total)	8020	0.5	1,600	1,100	ug/L
SURROGATE RESULTS			--	--	
Bromofluorobenzene	5030		100	114	% Rec.
METHOD 3510 (GC,FID)					
DILUTION FACTOR*			10	1	
DATE EXTRACTED			07-22-92	07-22-92	
DATE ANALYZED			07-24-92	07-24-92	
as Diesel	3510	0.05	5.9**	1.7**	mg/L

** The positive result for Petroleum Hydrocarbons as Diesel appears to be due to the presence of lighter hydrocarbon rather than Diesel.

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 5

Ref:

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-5 07/17/1992 129948	MW-6 07/17/1992 129949	Units
METHOD 601 (GC,Liquid)					
DATE ANALYZED			07-30-92	07-30-92	
DILUTION FACTOR*			1	1	
Bromodichloromethane	601	0.4	ND	ND	ug/L
Bromoform	601	0.4	ND	ND	ug/L
Bromomethane	601	0.4	ND	ND	ug/L
Carbon tetrachloride	601	0.4	ND	ND	ug/L
Chlorobenzene	601	0.4	ND	ND	ug/L
Chloroethane	601	0.4	ND	ND	ug/L
2-Chloroethylvinyl ether	601	1.0	ND	ND	ug/L
Chloroform	601	0.4	ND	ND	ug/L
Chloromethane	601	0.4	ND	ND	ug/L
Dibromochloromethane	601	0.4	ND	ND	ug/L
1,2-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,3-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,4-Dichlorobenzene	601	0.4	ND	ND	ug/L
Dichlorodifluoromethane	601	0.4	ND	ND	ug/L
1,1-Dichloroethane	601	0.4	ND	ND	ug/L
1,2-Dichloroethane	601	0.4	93	35	ug/L
1,1-Dichloroethene	601	0.4	ND	ND	ug/L
trans-1,2-Dichloroethene	601	0.4	ND	ND	ug/L
1,2-Dichloropropane	601	0.4	ND	ND	ug/L
cis-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
trans-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
Methylene chloride	601	10	ND	ND	ug/L
1,1,2,2-Tetrachloroethane	601	0.4	ND	ND	ug/L
Tetrachloroethene	601	0.4	ND	ND	ug/L
1,1,1-Trichloroethane	601	0.4	ND	ND	ug/L
1,1,2-Trichloroethane	601	0.4	ND	ND	ug/L
Trichloroethene	601	0.4	ND	ND	ug/L
Trichlorofluoromethane	601	0.4	ND	ND	ug/L
Vinyl chloride	601	0.4	ND	ND	ug/L
SURROGATE RESULTS			--	--	
1,4-Difluorobenzene	601		N/A	130	% Rec.
1,4-Dichlorobutane	601		143	136	% Rec.

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 5

Ref: Durham, Project No. 92-103

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-5 07/17/1992 129948	MW-6 07/17/1992 129949	Units
METHOD 601 (GC,Liquid)					
DATE ANALYZED			07-30-92	07-30-92	
DILUTION FACTOR*			1	1	
Bromodichloromethane	601	0.4	ND	ND	ug/L
Bromoform	601	0.4	ND	ND	ug/L
Bromomethane	601	0.4	ND	ND	ug/L
Carbon tetrachloride	601	0.4	ND	ND	ug/L
Chlorobenzene	601	0.4	ND	ND	ug/L
Chloroethane	601	0.4	ND	ND	ug/L
2-Chloroethylvinyl ether	601	1.0	ND	ND	ug/L
Chloroform	601	0.4	ND	ND	ug/L
Chloromethane	601	0.4	ND	ND	ug/L
Dibromochloromethane	601	0.4	ND	ND	ug/L
1,2-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,3-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,4-Dichlorobenzene	601	0.4	ND	ND	ug/L
Dichlorodifluoromethane	601	0.4	ND	ND	ug/L
1,1-Dichloroethane	601	0.4	ND	ND	ug/L
1,2-Dichloroethane	601	0.4	93	35	ug/L
1,1-Dichloroethene	601	0.4	ND	ND	ug/L
trans-1,2-Dichloroethene	601	0.4	ND	ND	ug/L
1,2-Dichloropropane	601	0.4	ND	ND	ug/L
cis-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
trans-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
Methylene chloride	601	10	ND	ND	ug/L
1,1,2,2-Tetrachloroethane	601	0.4	ND	ND	ug/L
Tetrachloroethene	601	0.4	ND	ND	ug/L
1,1,1-Trichloroethane	601	0.4	ND	ND	ug/L
1,1,2-Trichloroethane	601	0.4	ND	ND	ug/L
Trichloroethene	601	0.4	ND	ND	ug/L
Trichlorofluoromethane	601	0.4	ND	ND	ug/L
Vinyl chloride	601	0.4	ND	ND	ug/L
SURROGATE RESULTS			--	--	
1,4-Difluorobenzene	601		N/A	130	% Rec.
1,4-Dichlorobutane	601		143	136	% Rec.

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 6

Ref: Durham, Project No. 92-103

			Descriptor, Lab No. and Results		
			MW-10	MW-4	
			07/17/1992	07/16/1992	
Parameter	Method	Reporting Limit	129950	129951	Units
TPH (Gas/BTXE,Liquid)					
METHOD 5030 (GC,FID)			--	--	
DATE ANALYZED			07-27-92	07-27-92	
DILUTION FACTOR*			20	1	
as Gasoline	5030	0.05	8.1	ND	mg/L
METHOD 8020 (GC,Liquid)			--	--	
DATE ANALYZED			07-27-92	07-27-92	
DILUTION FACTOR*			20	1	
Benzene	8020	0.5	74	ND	ug/L
Ethylbenzene	8020	0.5	360	ND	ug/L
Toluene	8020	0.5	ND	ND	ug/L
Xylenes (Total)	8020	0.5	1,100	ND	ug/L
SURROGATE RESULTS			--	--	
Bromofluorobenzene	5030		101	92	% Rec.
METHOD 3510 (GC,FID)					
DILUTION FACTOR*			10	1	
DATE EXTRACTED			07-22-92	07-22-92	
DATE ANALYZED			07-24-92	07-24-92	
as Diesel	3510	0.05	4.4**	ND	mg/L

** The positive result for Petroleum Hydrocarbons as Diesel appears to be due to the presence of lighter hydrocarbon rather than Diesel.

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 7

Ref: Durham, Project No. 92-103

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-10 07/17/1992 129950	MW-4 07/16/1992 129951	Units
METHOD 601 (GC,Liquid)					
DATE ANALYZED			07-30-92	07-30-92	
DILUTION FACTOR*			1	1	
Bromodichloromethane	601	0.4	ND	ND	ug/L
Bromoform	601	0.4	ND	ND	ug/L
Bromomethane	601	0.4	ND	ND	ug/L
Carbon tetrachloride	601	0.4	ND	ND	ug/L
Chlorobenzene	601	0.4	ND	ND	ug/L
Chloroethane	601	0.4	ND	ND	ug/L
2-Chloroethylvinyl ether	601	1.0	ND	ND	ug/L
Chloroform	601	0.4	ND	ND	ug/L
Chloromethane	601	0.4	ND	ND	ug/L
Dibromochloromethane	601	0.4	ND	ND	ug/L
1,2-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,3-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,4-Dichlorobenzene	601	0.4	ND	ND	ug/L
Dichlorodifluoromethane	601	0.4	ND	ND	ug/L
1,1-Dichloroethane	601	0.4	ND	ND	ug/L
1,2-Dichloroethane	601	0.4	29	1.3	ug/L
1,1-Dichloroethene	601	0.4	ND	ND	ug/L
trans-1,2-Dichloroethene	601	0.4	ND	ND	ug/L
1,2-Dichloropropane	601	0.4	ND	ND	ug/L
cis-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
trans-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
Methylene chloride	601	10	ND	ND	ug/L
1,1,2,2-Tetrachloroethane	601	0.4	ND	ND	ug/L
Tetrachloroethene	601	0.4	ND	ND	ug/L
1,1,1-Trichloroethane	601	0.4	ND	ND	ug/L
1,1,2-Trichloroethane	601	0.4	ND	ND	ug/L
Trichloroethene	601	0.4	ND	ND	ug/L
Trichlorofluoromethane	601	0.4	ND	ND	ug/L
Vinyl chloride	601	0.4	ND	ND	ug/L
SURROGATE RESULTS			--	--	
1,4-Difluorobenzene	601		133	63	% Rec.
1,4-Dichlorobutane	601		132	126	% Rec.

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 8

Ref: Durham, Project No. 92-103

			Descriptor, Lab No. and Results		
			MW-7	MW-9	
			07/16/1992	07/16/1992	
Parameter	Method	Reporting Limit	129952	129953	Units
TPH (Gas/BTXE,Liquid)					
METHOD 5030 (GC,FID)			--	--	
DATE ANALYZED			07-25-92	07-27-92	
DILUTION FACTOR*			1	10	
as Gasoline	5030	0.05	1.2	4.4	mg/L
METHOD 8020 (GC,Liquid)			--	--	
DATE ANALYZED			07-25-92	07-27-92	
DILUTION FACTOR*			1	10	
Benzene	8020	0.5	21	860	ug/L
Ethylbenzene	8020	0.5	1.0	210	ug/L
Toluene	8020	0.5	2.6	340	ug/L
Xylenes (Total)	8020	0.5	90	640	ug/L
SURROGATE RESULTS			--	--	
Bromofluorobenzene	5030		101	94	% Rec.
METHOD 3510 (GC,FID)					
DILUTION FACTOR*			1	1	
DATE EXTRACTED			07-22-92	07-22-92	
DATE ANALYZED			07-24-92	07-24-92	
as Diesel	3510	0.05	0.70**	1.3**	mg/L

** The positive result for Petroleum Hydrocarbons as Diesel appears to be due to the presence of lighter hydrocarbon rather than Diesel.

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 9

Ref: Durham, Project No. 92-103

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-7 07/16/1992 129952	MW-9 07/16/1992 129953	Units
METHOD 601 (GC,Liquid)					
DATE ANALYZED			07-30-92	07-30-92	
DILUTION FACTOR*			1	1	
Bromodichloromethane	601	0.4	ND	ND	ug/L
Bromoform	601	0.4	ND	ND	ug/L
Bromomethane	601	0.4	ND	ND	ug/L
Carbon tetrachloride	601	0.4	ND	ND	ug/L
Chlorobenzene	601	0.4	ND	ND	ug/L
Chloroethane	601	0.4	ND	ND	ug/L
2-Chloroethylvinyl ether	601	1.0	ND	ND	ug/L
Chloroform	601	0.4	ND	ND	ug/L
Chloromethane	601	0.4	ND	ND	ug/L
Dibromochloromethane	601	0.4	ND	ND	ug/L
1,2-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,3-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,4-Dichlorobenzene	601	0.4	ND	ND	ug/L
Dichlorodifluoromethane	601	0.4	ND	ND	ug/L
1,1-Dichloroethane	601	0.4	ND	ND	ug/L
1,2-Dichloroethane	601	0.4	8.2	22	ug/L
1,1-Dichloroethene	601	0.4	ND	ND	ug/L
trans-1,2-Dichloroethene	601	0.4	ND	ND	ug/L
1,2-Dichloropropane	601	0.4	ND	ND	ug/L
cis-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
trans-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
Methylene chloride	601	10	ND	ND	ug/L
1,1,2,2-Tetrachloroethane	601	0.4	ND	ND	ug/L
Tetrachloroethene	601	0.4	2.0	ND	ug/L
1,1,1-Trichloroethane	601	0.4	ND	ND	ug/L
1,1,2-Trichloroethane	601	0.4	ND	ND	ug/L
Trichloroethene	601	0.4	ND	ND	ug/L
Trichlorofluoromethane	601	0.4	ND	ND	ug/L
Vinyl chloride	601	0.4	ND	ND	ug/L
SURROGATE RESULTS			--	--	
1,4-Difluorobenzene	601		59	111	% Rec.
1,4-Dichlorobutane	601		120	129	% Rec.

NET Pacific, Inc

Client No: 70700
Client Name: Toxic Technology Services
NET Job No: 92.3996

Date: 08/10/1992

Ref: Durham, Project No. 92-103

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-7 DUP 07/16/1992 129954	 B-1 07/17/1992 129955	Units
TPH (Gas/BTXE,Liquid)					
METHOD 5030 (GC,FID)			--	--	
DATE ANALYZED			07-25-92	07-25-92	
DILUTION FACTOR*			1	1	
as Gasoline	5030	0.05	1.9	ND	mg/L
METHOD 8020 (GC,Liquid)			--	--	
DATE ANALYZED			07-25-92	07-25-92	
DILUTION FACTOR*			1	1	
Benzene	8020	0.5	410	ND	ug/L
Ethylbenzene	8020	0.5	78	ND	ug/L
Toluene	8020	0.5	21	ND	ug/L
Xylenes (Total)	8020	0.5	170	ND	ug/L
SURROGATE RESULTS			--	--	
Bromofluorobenzene	5030		MI	93	% Rec.
METHOD 3510 (GC,FID)					
DILUTION FACTOR*			1	1	
DATE EXTRACTED			07-22-92	07-22-92	
DATE ANALYZED			07-24-92	07-24-92	
as Diesel	3510	0.05	0.59**	ND	mg/L

** The positive result for Petroleum Hydrocarbons as Diesel appears to be due to the presence of lighter hydrocarbon rather than Diesel.

MI - Matrix interference

NET Pacific, Inc

Client No: 70700 Date: 08/10/1992
Client Name: Toxic Technology Services
NET Job No: 92.3996 Page: 11

Ref: Durham, Project No. 92-103

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results MW-7 DUP 07/16/1992 129954	 B-1 07/17/1992 129955	Units
METHOD 601 (GC,Liquid)					
DATE ANALYZED			07-30-92	07-30-92	
DILUTION FACTOR*			1	1	
Bromodichloromethane	601	0.4	ND	4.0	ug/L
Bromoform	601	0.4	ND	ND	ug/L
Bromomethane	601	0.4	ND	ND	ug/L
Carbon tetrachloride	601	0.4	ND	ND	ug/L
Chlorobenzene	601	0.4	ND	ND	ug/L
Chloroethane	601	0.4	ND	ND	ug/L
2-Chloroethylvinyl ether	601	1.0	ND	ND	ug/L
Chloroform	601	0.4	ND	54	ug/L
Chloromethane	601	0.4	ND	ND	ug/L
Dibromochloromethane	601	0.4	ND	ND	ug/L
1,2-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,3-Dichlorobenzene	601	0.4	ND	ND	ug/L
1,4-Dichlorobenzene	601	0.4	ND	ND	ug/L
Dichlorodifluoromethane	601	0.4	ND	ND	ug/L
1,1-Dichloroethane	601	0.4	ND	ND	ug/L
1,2-Dichloroethane	601	0.4	8.7	ND	ug/L
1,1-Dichloroethene	601	0.4	ND	ND	ug/L
trans-1,2-Dichloroethene	601	0.4	ND	ND	ug/L
1,2-Dichloropropane	601	0.4	ND	ND	ug/L
cis-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
trans-1,3-Dichloropropene	601	0.4	ND	ND	ug/L
Methylene chloride	601	10	ND	ND	ug/L
1,1,2,2-Tetrachloroethane	601	0.4	ND	ND	ug/L
Tetrachloroethene	601	0.4	2.1	ND	ug/L
1,1,1-Trichloroethane	601	0.4	ND	ND	ug/L
1,1,2-Trichloroethane	601	0.4	ND	ND	ug/L
Trichloroethene	601	0.4	ND	ND	ug/L
Trichlorofluoromethane	601	0.4	ND	ND	ug/L
Vinyl chloride	601	0.4	ND	ND	ug/L
SURROGATE RESULTS			--	--	
1,4-Difluorobenzene	601		91	97	% Rec.
1,4-Dichlorobutane	601		135	136	% Rec.

Ref: Durham, Project No. 92-103

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Diesel	0.05	mg/L	81	ND	29 **	51 **	51 **
Motor Oil	0.5	mg/L	82	ND	N/A	N/A	N/A
Gasoline	0.05	mg/L	109	ND	105	110	5.0
Benzene	0.5	ug/L	85	ND	92	114	21
Toluene	0.5	ug/L	97	ND	98	99	2.0
Gasoline	0.05	mg/L	97	ND	105	98	6.8
Benzene	0.5	ug/L	87	ND	105	97	8.3
Toluene	0.5	ug/L	93	ND	104	101	2.8

COMMENT: Blank Results were ND on other analytes tested.

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Benzene	0.5	ug/L	100	ND	95	96	1.5
Toluene	0.5	ug/L	100	ND	91	94	3.2
1,1-Dichloroethene	0.4	ug/L	100	ND	96	80	18
Trichloroethene	0.4	ug/L	100	ND	78	70	9.8
Chlorobenzene	0.4	ug/L	100	ND	74	62	18

COMMENT: Blank Results were ND on other analytes tested.

** Note: The QC Data for this analysis was accepted based on the following: Poor spike recoveries in this batch required re-extraction which was not possible due to insufficient sample volume. Surrogate spike recoveries were within the control limits for undiluted samples. Surrogate recoveries were unable to determine (UTD) on samples requiring dilutions. These recoveries indicate that the extraction procedure was in control. Acceptance criteria for the surrogate spike is 70 - 120% recovery.

NET Sample No.	Surrogate % Recovery
129946	UTD **
129947	UTD **
129948	UTD **
129949	87 %
129950	UTD **
129951	96 %
129952	91 %
129953	95 %
129954	85 %
129955	109 %

** UTD - unable to determine, surrogate spike diuted out.

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
*	:	Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
ICVS	:	Initial Calibration Verification Standard (External Standard).
mean	:	Average; sum of measurements divided by number of measurements.
mg/Kg (ppm)	:	Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
mg/L	:	Concentration in units of milligrams of analyte per liter of sample.
mL/L/hr	:	Milliliters per liter per hour.
MPN/100 mL	:	Most probable number of bacteria per one hundred milliliters of sample.
N/A	:	Not applicable.
NA	:	Not analyzed.
ND	:	Not detected; the analyte concentration is less than applicable listed reporting limit.
NTU	:	Nephelometric turbidity units.
RPD	:	Relative percent difference, 100 [Value 1 - Value 2]/mean value.
SNA	:	Standard not available.
ug/Kg (ppb)	:	Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
ug/L	:	Concentration in units of micrograms of analyte per liter of sample.
umhos/cm	:	Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

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TMA
Thermo Analytical Inc.

7633

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
92-1Q3	Durham

Lisa Blas (Signature)

Date		NO. OF CONTAINERS	analyses: TPH-D	TPH-G	BTEX	601	REMARKS
7/17/92	MW-1	5	X	X	X	X	
	MW-3	5					
	MW-5	5					
	MW-6	5					
↓	MW-10	5					
7/16/92	MW-4	5					
7/16/92	MW-7	5					
7/16/92	MW-9	5					
7/16/92	MW-7 DUP	5	↓	↓	↓	↓	Analyze as separate sample analyze for B-1 for all per Lisa to Nora 7/20/92
7/17/92	B-1	5					
	(JUV SEALED) 7/17/92						
	@ 1900 MW7						
							Received 1 1L AMBER & 4 VOAS ID. B-1 A.L.

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Lisa Blas	7/17/92 525pm	Mike Tavares	Mike Tavares	7/17/92 1900	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Jenny Lopez	Date / Time 7/18/92 12:00	Remarks	