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Analytical Laboratory Report
TRPH
EPA Method 418.1

Date Sampled:	4/22/97	**Proj Mgr:**	Rus Purcell
Date Received:	4/22/97	**Client:**	Kennedy/Jenks
Report Number:	1D064A.RPT	**Project:**	974002.00
Lab Number:	1D064	**Units Soil:**	mg/Kg
Date Reported:	4/23/97	**Units Water:**	ug/L

Lab ID No.	Field ID No.	Date Extracted	Date Analyzed	TRPH	Dilution Factor	Matrix
1D064-01	2BB-5-19-4	4/22/97	4/22/97	190	1	Soil
1D064-02	2BB-5-19-10	4/22/97	4/22/97	ND	1	Soil
1D064-03	2BB-5-19-15	4/22/97	4/22/97	ND	1	Soil
1D064-04	2BB-5-19-20	4/22/97	4/22/97	ND	1	Soil
1D064-05	2BB-5-19-25	4/22/97	4/22/97	ND	1	Soil
1D064-06	2BB-1A-5A-4	4/22/97	4/22/97	ND	1	Soil
1D064-07	2BB-1A-5A-10	4/22/97	4/22/97	ND	1	Soil
1D064-08	2BB-1A-5A-20	4/22/97	4/22/97	ND	1	Soil
1D064-09	2BB-1A-5A-30	4/22/97	4/22/97	ND	1	Soil
1D064-10	2BB-1A-5A-40	4/22/97	4/22/97	ND	1	Soil
1D064-11	2BB-1A-5A-50	4/22/97	4/22/97	ND	1	Soil
1D064-12	2BB-5-11-1	4/22/97	4/22/97	ND	1	Soil
1D064-13	2BB-5-11-4	4/22/97	4/22/97	ND	1	Soil
1D064-14	2BB-5-11-10	4/22/97	4/22/97	ND	1	Soil
1D064-15	2BB-5-11-15	4/22/97	4/22/97	ND	1	Soil
1D064-16	2BB-5-11-20	4/22/97	4/22/97	ND	1	Soil
1D064-17	2BB-5-11-25	4/22/97	4/22/97	ND	1	Soil
1D064-18	2BB-1A-6-4	4/22/97	4/22/97	ND	1	Soil
1D064-19	2BB-1A-6-10	4/22/97	4/22/97	ND	1	Soil
1D064-20	2BB-1A-6-20	4/22/97	4/22/97	ND	1	Soil
1D064-21	2BB-1A-6-30	4/22/97	4/22/97	ND	1	Soil
1D064-22	2BB-1A-6-40	4/22/97	4/22/97	ND	1	Soil
1D064-23	2BB-1A-6-50	4/22/97	4/22/97	ND	1	Soil

Reporting Limits SOIL mg/Kg	10

NOTES:
NR - Not requested
ND - Analytes not detected at, or above the reporting limit
mg/Kg - Milligrams per kilogram (PPM)
ug/L - Micrograms per liter (PPB)
PQL - Practical Quantitation Limit. Equals detection limit times the dilution factor.
M - Matrix effects
DF - Dilution Factor

PROCEDURES:
TRPH - This analysis was performed using EPA Method 418.1.

CERTIFICATION:
California Department of Health Services ELAP
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538 (510) 490-8571

Gareth Voigt

Laboratory Director

JUN 04 1997

Date

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Analytical Laboratory Report
TRPH
EPA Method 418.1

Date Sampled:	4/22/97	**Proj Mgr:**	Rus Purcell
Date Received:	4/22/97	**Client:**	Kennedy/Jenks
Report Number:	1D064B.RPT	**Project:**	974002.00
Lab Number:	1D064	**Units Soil:**	mg/Kg
Date Reported:	4/23/97	**Units Water:**	ug/L

Lab ID No.	Field ID No.	Date Extracted	Date Analyzed	TRPH	Dilution Factor	Matrix
1D064-24	**2BB-1A-7-4**	4/22/97	4/22/97	ND	1	Soil
1D064-25	**2BB-1A-7-10**	4/22/97	4/22/97	ND	1	Soil
1D064-26	**2BB-1A-7-20**	4/22/97	4/22/97	ND	1	Soil
1D064-27	**2BB-1A-7-30**	4/22/97	4/22/97	ND	1	Soil
1D064-28	**2BB-1A-7-40**	4/22/97	4/22/97	ND	1	Soil
1D064-29	**2BB-1A-7-50**	4/22/97	4/22/97	ND	1	Soil
1D064-30	**2BB-5-13-1**	4/23/97	4/23/97	**1700**	10	Soil
1D064-31	**2BB-5-13-4**	4/22/97	4/22/97	ND	1	Soil
1D064-32	**2BB-5-13-10**	4/22/97	4/22/97	ND	1	Soil
1D064-33	**2BB-5-13-15**	4/22/97	4/22/97	**14**	1	Soil
1D064-34	**2BB-5-13-20**	4/22/97	4/22/97	ND	1	Soil
1D064-35	**2BB-5-13-25**	4/22/97	4/22/97	ND	1	Soil
1D064-36	**2BB-5-3-4**	4/22/97	4/22/97	ND	1	Soil
1D064-37	**2BB-5-3-10**	4/22/97	4/22/97	ND	1	Soil
1D064-38	**2BB-5-3-20**	4/22/97	4/22/97	ND	1	Soil
1D064-39	**2BB-5-3-30**	4/22/97	4/22/97	ND	1	Soil
1D064-40	**2BB-5-3-40**	4/22/97	4/22/97	ND	1	Soil
1D064-41	**2BB-5-3-50**	4/22/97	4/22/97	ND	1	Soil
1D064-42	**2BB-5-14-1**	4/22/97	4/22/97	**75**	1	Soil
1D064-43	**2BB-5-14-4**	4/22/97	4/22/97	ND	1	Soil
1D064-44	**2BB-5-14-10**	4/22/97	4/22/97	ND	1	Soil
1D064-45	**2BB-5-14-15**	4/22/97	4/22/97	ND	1	Soil
1D064-46	**2BB-5-14-20**	4/22/97	4/22/97	ND	1	Soil

Reporting Limits SOIL mg/Kg	10

NOTES:
NR - Not requested
ND - Analytes not detected at, or above the reporting limit
mg/Kg - Milligrams per kilogram (PPM)
ug/L - Micrograms per liter (PPB)
PQL - Practical Quantitation Limit. Equals detection limit times the dilution factor.
M - Matrix effects
DF - Dilution Factor

PROCEDURES:
TRPH - This analysis was performed using EPA Method 418.1.

CERTIFICATION:
California Department of Health Services ELAP
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538 (510) 490-8571

Gareth Voigt
Laboratory Director

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Date

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Analytical Laboratory Report
TRPH
EPA Method 418.1

Date Sampled:	4/22/97	**Proj Mgr:**	Rus Purcell
Date Received:	4/22/97	**Client:**	Kennedy/Jenks
Report Number:	1D064C.RPT	**Project:**	974002.00
Lab Number:	1D064	**Units Soil:**	mg/Kg
Date Reported:	4/23/97	**Units Water:**	ug/L

Lab ID No.	Field ID No.	Date Extracted	Date Analyzed	TRPH	Dilution Factor	Matrix
1D064-47	**2BB-5-14-25**	4/22/97	4/22/97	ND	1	Soil
1D064-48	**2BB-36-16-1**	4/22/97	4/22/97	**43**	1	Soil
1D064-49	**2BB-36-16-4**	4/22/97	4/22/97	**20**	1	Soil
1D064-50	**2BB-36-16-10**	4/22/97	4/22/97	ND	1	Soil
1D064-51	**2BB-36-16-15**	4/22/97	4/22/97	ND	1	Soil
1D064-52	**2BB-36-16-20**	4/22/97	4/22/97	ND	1	Soil
1D064-53	**2BB-36-16-25**	4/22/97	4/22/97	ND	1	Soil
1D064-54	**2BB-5-4-4**	4/22/97	4/22/97	ND	1	Soil
1D064-55	**2BB-5-4-10**	4/22/97	4/22/97	ND	1	Soil
1D064-56	**2BB-5-4-20**	4/22/97	4/22/97	ND	1	Soil
1D064-57	**2BB-5-4-30**	4/22/97	4/22/97	ND	1	Soil
1D064-58	**2BB-5-4-40**	4/22/97	4/22/97	ND	1	Soil
1D064-59	**2BB-5-4-50**	4/22/97	4/22/97	ND	1	Soil

Reporting Limits SOIL mg/Kg	10

NOTES:
NR - Not requested
ND - Analytes not detected at, or above the reporting limit
mg/Kg - Milligrams per kilogram (PPM)
ug/L - Micrograms per liter (PPB)
PQL - Practical Quantitation Limit. Equals detection limit times the dilution factor.
M - Matrix effects
DF - Dilution Factor

PROCEDURES:
TRPH - This analysis was performed using EPA Method 418.1.

CERTIFICATION:
California Department of Health Services ELAP
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538 (510) 490-8571

Gareth Voigt
Laboratory Director

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Analytical Laboratory Report
TPH-E Diesel, TPH-E Motor Oil
EPA Method 8015 Modified

Date Sampled:	4/22/97	**Proj Mgr:**	Rus Purcell
Date Received:	4/22/97	**Client:**	Kennedy/Jenks
Report Number:	1D064E.RPT	**Project:**	McDonnell Douglas
Lab Number:	1D064	**Units Soil:**	mg/Kg
Date Reported:	4/24/97		

Lab ID No.	Field ID No.	Date Extracted	Date Analyzed	TPH-E Diesel	TPH-E Motor Oil	TPH-E Sur. %	TPH-E DF	Matrix
1D064-01	**2BB-5-9-4**	4/22/97	4/23/97	ND	**120***	91	1	Soil
1D064-30	**2BB-5-13-1**	4/24/97	4/24/97	ND	ND	92	1	Soil
1D064-42	**2BB-5-14-1**	4/22/97	4/23/97	ND	ND	100	1	Soil
1D064-48	**2BB-36-16-1**	4/22/97	4/23/97	ND	**14**	83	1	Soil

Reporting Limits SOIL mg/Kg	10	10

NOTES:
NR - Not requested
NC - Not confirmed
ND - Analytes not detected at, or above the reporting limit
Sur. % - Percent surrogate recovery
mg/Kg - Milligrams per kilogram (PPM)
PQL - Practical Quantitation Limit. Equals detection limit times the dilution factor.
D - Surrogate was diluted out
M - Matrix effects
DF - Dilution Factor
* - Sample chromatogram does not match standard chromatogram.
TPH-E Diesel - Total petroleum hydrocarbons extractable quantitated as Diesel
TPH-E Motor Oil - Total petroleum hydrocarbons extractable quantitated as Motor Oil

PROCEDURES:
TPH-E - This analysis was performed using EPA Method 8015 Mod.

CERTIFICATION:
California Department of Health Services ELAP
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538 (510) 490-8571

Gareth Voigt
Laboratory Director

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LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/Kg**

		DATE ANALYZED	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97
		DATE EXTRACTED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		LAB SAMPLE ID	1D064-01	1D064-02	1D064-03	1D064-04	1D064-05	1D064-06	1D064-07
		CLIENT SAMPLE ID :	2BB-5-19-4	2BB-5-19-10	2BB-5-19-15	2BB-5-19-20	2BB-5-19-25	2BB-1A-5A-4	2BB-1A-5A-10
		EXTRACTION SOLVENT							
		EXTRACTION METHOD							
		DILUTION FACTOR	1	1	1	1	1	1	1
COMPOUND		CRDL							
Benzene		5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND	ND	ND	ND	ND
Bromoform		5	ND	ND	ND	ND	ND	ND	ND
Bromomethane		5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Chloroethane		5	ND	ND	ND	ND	ND	ND	ND
Chloroform		5	ND	ND	ND	ND	ND	ND	ND
Chloromethane		5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene		5	ND	ND	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND	ND	ND	ND	ND
Toluene		5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)		5	ND	ND	ND	ND	ND	13	14
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes		5	ND	ND	ND	ND	ND	ND	ND
o-Xylene		5	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND	ND	ND	ND	ND
TPH as gasoline		1000	ND	ND	ND	ND	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	106%	106%	101%	101%	100%	108%	108%
Toluene-d8	50	80%-115%	104%	106%	106%	106%	105%	105%	106%
4-Bromofluorobenzene	50	75%-125%	97%	99%	100%	100%	99%	98%	98%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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LABORATORIES, INC.

LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/Kg**

DATE ANALYZED			4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97
DATE EXTRACTED			N/A	N/A	N/A	N/A	N/A	N/A	N/A
LAB SAMPLE ID			1D064-08	1D064-09	1D064-10	1D064-11	1D064-12	1D064-13	1D064-14
CLIENT SAMPLE ID :			2BB-1A-5A-20	2BB-1A-5A-30	2BB-1A-5A-40	2BB-1A-5A-50	2BB-5-11-1	2BB-5-11-4	2BB-5-11-10
EXTRACTION SOLVENT									
EXTRACTION METHOD									
DILUTION FACTOR			1	1	1	1	1	1	1
COMPOUND		CRDL							
Benzene		5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND	ND	ND	ND	ND
Bromoform		5	ND	ND	ND	ND	ND	ND	ND
Bromomethane		5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Chloroethane		5	ND	ND	ND	ND	ND	ND	ND
Chloroform		5	ND	ND	ND	ND	ND	ND	ND
Chloromethane		5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene		5	ND	ND	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND	ND	ND	ND	ND
Toluene		5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)		5	20	ND	ND	9.8	ND	ND	ND
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes		5	ND	ND	ND	ND	ND	ND	ND
o-Xylene		5	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND	ND	ND	ND	ND
TPH as gasoline		1000	ND	ND	ND	ND	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	106%	98%	99%	100%	108%	109%	106%
Toluene-d8	50	80%-115%	106%	106%	105%	105%	104%	105%	105%
4-Bromofluorobenzene	50	75%-125%	99%	99%	98%	99%	97%	95%	98%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

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Date

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LABORATORIES, INC.

LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/Kg**

		DATE ANALYZED	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97
		DATE EXTRACTED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		LAB SAMPLE ID	1D064-15	1D064-16	1D064-17	1D064-18	1D064-19	1D064-20	1D064-21
		CLIENT SAMPLE ID :	2BB-5-11-15	2BB-5-11-20	2BB-5-11-25	2BB-1A-6-4	2BB-1A-6-10	2BB-1A-6-20	2BB-1A-6-30
		EXTRACTION SOLVENT							
		EXTRACTION METHOD							
		DILUTION FACTOR	1	1	1	1	1	1	1
COMPOUND		CRDL							
Benzene		5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND	ND	ND	ND	ND
Bromoform		5	ND	ND	ND	ND	ND	ND	ND
Bromomethane		5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Chloroethane		5	ND	ND	ND	ND	ND	ND	ND
Chloroform		5	ND	ND	ND	ND	ND	ND	ND
Chloromethane		5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene		5	ND	ND	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND	ND	ND	ND	ND
Toluene		5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)		5	ND	ND	ND	26	42	60	5.3
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes		5	ND	ND	ND	ND	ND	ND	ND
o-Xylene		5	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND	ND	ND	ND	ND
TPH as gasoline		1000	ND	ND	ND	ND	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	106%	101%	105%	108%	107%	104%	105%
Toluene-d8	50	80%-115%	105%	106%	105%	105%	106%	106%	105%
4-Bromofluorobenzene	50	75%-125%	100%	99%	99%	98%	98%	98%	99%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/Kg**

DATE ANALYZED			4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97
DATE EXTRACTED			N/A	N/A	N/A	N/A	N/A	N/A	N/A
LAB SAMPLE ID			1D064-22	1D064-23	1D064-24	1D064-25	1D064-26	1D064-27	1D064-28
CLIENT SAMPLE ID :			2BB-1A-6-40	2BB-1A-6-50	2BB-1A-7-4	2BB-1A-7-10	2BB-1A-7-20	2BB-1A-7-30	2BB-1A-7-40
EXTRACTION SOLVENT									
EXTRACTION METHOD									
DILUTION FACTOR			1	1	1	1	1	1	1
COMPOUND		CRDL							
Benzene		5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND	ND	ND	ND	ND
Bromoform		5	ND	ND	ND	ND	ND	ND	ND
Bromomethane		5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Chloroethane		5	ND	ND	ND	ND	ND	ND	ND
Chloroform		5	ND	ND	ND	ND	ND	ND	ND
Chloromethane		5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene		5	ND	ND	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND	ND	ND	ND	ND
Toluene		5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)		5	11	170	9.3	11	7.7	ND	24
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes		5	ND	ND	ND	ND	ND	ND	ND
o-Xylene		5	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND	ND	ND	ND	ND
TPH as gasoline		1000	ND	ND	ND	ND	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	106%	109%	103%	100%	104%	98%	103%
Toluene-d8	50	80%-115%	105%	106%	102%	101%	103%	101%	102%
4-Bromofluorobenzene	50	75%-125%	98%	97%	99%	99%	98%	96%	99%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/Kg**

		DATE ANALYZED	4/22/97	4/23/97	4/23/97	4/22/97	4/22/97	4/22/97	4/23/97
		DATE EXTRACTED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		LAB SAMPLE ID	1D064-29	1D064-30	1D064-31	1D064-32	1D064-33	1D064-34	1D064-35
		CLIENT SAMPLE ID :	2BB-1A-7-50	2BB-5-13-1	2BB-5-13-4	2BB-5-13-10	2BB-5-13-15	2BB-5-13-20	2BB-5-13-25
		EXTRACTION SOLVENT							
		EXTRACTION METHOD							
		DILUTION FACTOR	1	400	1	1	1	1	1
COMPOUND		CRDL							
Benzene		5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND	ND	ND	ND	ND
Bromoform		5	ND	ND	ND	ND	ND	ND	ND
Bromomethane		5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Chloroethane		5	ND	ND	ND	ND	ND	ND	ND
Chloroform		5	ND	ND	ND	ND	ND	ND	ND
Chloromethane		5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene		5	ND	11000	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND	ND	ND	ND	ND
Toluene		5	ND	1200	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)		5	22	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes		5	ND	75000	6.4	ND	ND	ND	ND
o-Xylene		5	ND	44000	ND	ND	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND	ND	ND	ND	ND
TPH as gasoline		1000	ND	5100000**	ND	ND	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	103%	90%	105%	101%	103%	103%	104%
Toluene-d8	50	80%-115%	105%	111%	105%	104%	101%	103%	103%
4-Bromofluorobenzene	50	75%-125%	95%	97%	97%	97%	97%	96%	98%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed
** Sample chromatogram does not match gasoline chromatogram

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/Kg**

DATE ANALYZED			4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97	4/22/97
DATE EXTRACTED			N/A	N/A	N/A	N/A	N/A	N/A	N/A
LAB SAMPLE ID			1D064-36	1D064-37	1D064-38	1D064-39	1D064-40	1D064-41	1D064-42
CLIENT SAMPLE ID :			2BB-5-3-4	2BB-5-3-10	2BB-5-3-20	2BB-5-3-30	2BB-5-3-40	2BB-5-3-50	2BB-5-14-1**
EXTRACTION SOLVENT									
EXTRACTION METHOD									
DILUTION FACTOR			1	1	1	1	1	1	1
COMPOUND		CRDL							
Benzene		5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND	ND	ND	ND	ND
Bromoform		5	ND	ND	ND	ND	ND	ND	ND
Bromomethane		5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Chloroethane		5	ND	ND	ND	ND	ND	ND	ND
Chloroform		5	ND	ND	ND	ND	ND	ND	ND
Chloromethane		5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene		5	ND	ND	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND	ND	ND	ND	ND
Toluene		5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)		5	ND	ND	ND	ND	10	ND	ND
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes		5	ND	ND	ND	ND	ND	ND	ND
o-Xylene		5	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND	ND	ND	ND	ND
TPH as gasoline		1000	ND	ND	ND	ND	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	104%	103%	104%	100%	103%	104%	112%
Toluene-d8	50	80%-115%	103%	105%	105%	104%	104%	104%	105%
4-Bromofluorobenzene	50	75%-125%	97%	99%	97%	96%	95%	98%	95%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed
** - Estimated 88 mg/Kg of 2-Ethyl-1-Hexanol in the sample

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 **Project No: 974002.00** **REPORTING UNITS : µg/Kg**

DATE ANALYZED			4/23/97	4/23/97	4/22/97	4/23/97	4/22/97	4/22/97	4/22/97
DATE EXTRACTED			N/A	N/A	N/A	N/A	N/A	N/A	N/A
LAB SAMPLE ID			1D064-43	1D064-44	1D064-45	1D064-46	1D064-47	1D064-48	1D064-49
CLIENT SAMPLE ID : 2BB-			5-14-4	5-14-10	5-14-15	5-14-20	5-14-25	36-16-1	36-16-4
EXTRACTION SOLVENT									
EXTRACTION METHOD									
DILUTION FACTOR			1	1	1	1	1	1	1
COMPOUND		CRDL							
Benzene		5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND	ND	ND	ND	ND
Bromoform		5	ND	ND	ND	ND	ND	ND	ND
Bromomethane		5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Chloroethane		5	ND	ND	ND	ND	ND	ND	ND
Chloroform		5	ND	ND	ND	ND	ND	ND	ND
Chloromethane		5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	ND	ND	ND	ND	ND	ND	**5.7**
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene		5	ND	ND	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND	ND	ND	ND	ND
Toluene		5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)		5	ND	ND	ND	ND	ND	**9.1**	**20**
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes		5	ND	ND	ND	ND	ND	ND	ND
o-Xylene		5	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND	ND	ND	ND	ND
TPH as gasoline		1000	ND	ND	ND	ND	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	89%	93%	111%	108%	110%	112%	112%
Toluene-d8	50	80%-115%	110%	111%	105%	105%	106%	105%	105%
4-Bromofluorobenzene	50	75%-125%	89%	94%	98%	98%	95%	96%	94%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/Kg**

		DATE ANALYZED	4/22/97	4/22/97	4/23/97	4/24/97	4/24/97	4/24/97	4/23/97
		DATE EXTRACTED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		LAB SAMPLE ID	1D064-50	1D064-51	1D064-52	1D064-53	1D064-54	1D064-55	1D064-56
		CLIENT SAMPLE ID :	2BB-36-16-10	2BB-36-16-15	2BB-36-16-20	2BB-36-16-25	2BB-5-4-4	2BB-5-4-10	2BB-5-4-20
		EXTRACTION SOLVENT							
		EXTRACTION METHOD							
		DILUTION FACTOR	1	1	1	1	1	1	1
COMPOUND		CRDL							
Benzene		5	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND	ND	ND	ND	ND
Bromoform		5	ND	ND	ND	ND	ND	ND	ND
Bromomethane		5	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Chloroethane		5	ND	ND	ND	ND	ND	ND	ND
Chloroform		5	ND	ND	ND	ND	ND	ND	ND
Chloromethane		5	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	12	24	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene		5	ND	ND	ND	ND	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND	ND	ND	ND	ND
Toluene		5	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)		5	21	42	ND	12	ND	ND	ND
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes		5	ND	ND	ND	ND	ND	ND	ND
o-Xylene		5	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND	ND	ND	ND	ND
TPH as gasoline		1000	ND	ND	ND	ND	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	109%	109%	89%	90%	95%	92%	106%
Toluene-d8	50	80%-115%	105%	105%	110%	112%	111%	113%	106%
4-Bromofluorobenzene	50	75%-125%	98%	96%	92%	90%	90%	89%	98%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 **Project No: 974002.00** **REPORTING UNITS : µg/Kg**

		DATE ANALYZED	4/23/97	4/23/97	4/23/97
		DATE EXTRACTED	N/A	N/A	N/A
		LAB SAMPLE ID	1D064-57	1D064-58	1D064-59
		CLIENT SAMPLE ID :	2BB-5-4-30	2BB-5-4-40	2BB-5-4-50
		EXTRACTION SOLVENT			
		EXTRACTION METHOD			
		DILUTION FACTOR	1	1	1
COMPOUND		CRDL			
Benzene		5	ND	ND	ND
Bromodichloromethane		5	ND	ND	ND
Bromoform		5	ND	ND	ND
Bromomethane		5	ND	ND	ND
Carbon tetrachloride		5	ND	ND	ND
Chlorobenzene		5	ND	ND	ND
Chloroethane		5	ND	ND	ND
Chloroform		5	ND	ND	ND
Chloromethane		5	ND	ND	ND
Dibromochloromethane		5	ND	ND	ND
1,2-Dichlorobenzene		5	ND	ND	ND
1,3-Dichlorobenzene		5	ND	ND	ND
1,4-Dichlorobenzene		5	ND	ND	ND
Dichlorodifluoromethane (Freon 12)		5	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)		5	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)		5	ND	ND	ND
1,1-Dichloroethene (1,1-DCE)		5	ND	ND	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	ND	ND	ND
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND	ND	ND
1,2-Dichloropropane		5	ND	ND	ND
cis-1,3-Dichloropropene		5	ND	ND	ND
trans-1,3-Dichloropropene		5	ND	ND	ND
Ethyl benzene		5	ND	ND	ND
Methylene chloride (Dichloromethane)		5	ND	ND	ND
1,1,1,2-Tetrachloroethane		5	ND	ND	ND
1,1,2,2-Tetrachloroethane		5	ND	ND	ND
Tetrachloroethene (PCE)		5	ND	ND	ND
Toluene		5	ND	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND	ND	ND
Trichloroethene (TCE)		5	ND	ND	**6.5**
Trichlorofluoromethane (Freon 11)		5	ND	ND	ND
m,p-Xylenes		5	ND	ND	ND
o-Xylene		5	ND	ND	ND
Vinyl chloride (VC)		5	ND	ND	ND
TPH as gasoline		1000	ND	ND	ND
SURROGATE	SPK conc	ACP %	%RC	%RC	%RC
Dibromofluoromethane	50	75%-120%	108%	90%	91%
Toluene-d8	50	80%-115%	105%	111%	110%
4-Bromofluorobenzene	50	75%-125%	98%	93%	94%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

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Date

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QC DATA REPORT
TPH-E
EPA Method 8015 Modified

Date Analyzed:	4/22/97, 4/23/97	**Proj Mgr:**	Rus Purcell
Date Extracted:	4/22/97	**Client:**	Kennedy/Jenks
Report Number:	0422SD.QAC	**Project:**	974002.00
Lab Number:	DIESEL: 2BB-6-14-4, 1D062-09	**Matrix:**	Soil
	MOTOR OIL: 2BB-1-26-50, 1D063-07	**Units:**	mg/Kg

Parameter	Blank Result mg/Kg	Spike Level mg/Kg	LCS Result mg/Kg	LCS Recov. %	Sample Result mg/Kg	MS Result mg/Kg	MS Recov. %	MSD Result mg/Kg	MSD Recov. %	RPD %
TPH-E diesel	ND	100	105	105	0.0	81.6	82	80.5	81	1.4
TPH-E mo	ND	107	109	102	0.0	115	107	133	124	14.5
surr %rec dies.	99			95	87		83		86	
surr %rec mo				87	108		90		102	

DEFINITION OF TERMS:

ND - Analytes not detected at, or above the reporting limit
MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference: (MS - MSD) /((MS + MSD)/2) X 100
LCS - Laboratory Control Spike
LCSD- Laboratory Control Spike Duplicate

LABORATORY QC CRITERIA

Parameter	Acceptable % Recoveries		
TPH-E	65%	to	135%
%RPD	0%	to	35%

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QC DATA REPORT
TRPH
EPA Method 418.1

Date Sampled:	4/22/97	**Proj Mgr:**	Rus Purcell
Date Received:	4/22/97	**Client:**	Kennedy/Jenks
Date Analyzed:	4/22/97	**Project:**	974002.00
Date Extracted:	4/22/97	**Matrix:**	Soil
Report Number:	0422C.QAC	**Units:**	mg/Kg
Lab Number:	2BB-5-14-25, 1D064-47		

Parameter	Blank 1 Result mg/Kg	Blank 2 Result mg/Kg	Spike Level mg/Kg	LCS Result mg/Kg	LCS Recov. %	Sample Result mg/Kg	MS Result mg/Kg	MS Recov. %	MSD Result mg/Kg	MSD Recov. %	RPD %
418.1	ND	ND	25.0	24.6	98	0.0	27.4	110	24.3	97	12.0

DEFINITION OF TERMS:

ND - Analytes not detected at, or above the reporting limit
MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference: (MS - MSD) /((MS + MSD)/2) X 100
LCS - Laboratory Control Spike
LCSD- Laboratory Control Spike Duplicate

LABORATORY QC CRITERIA

Parameter	Acceptable % Recoveries		
TRPH	60%	to	140%
%RPD	0%	to	35%

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QC DATA REPORT
TRPH
EPA Method 418.1

Date Sampled:	4/22/97	**Proj Mgr:**	Rus Purcell
Date Received:	4/22/97	**Client:**	Kennedy/Jenks
Date Analyzed:	4/22/97	**Project:**	974002.00
Date Extracted:	4/22/97	**Matrix:**	Soil
Report Number:	0422B.QAC	**Units:**	mg/Kg
Lab Number:	2BB-1A-7-50, 1D064-29		

Parameter	Blank 1 Result mg/Kg	Blank 2 Result mg/Kg	Spike Level mg/Kg	LCS Result mg/Kg	LCS Recov. %	Sample Result mg/Kg	MS Result mg/Kg	MS Recov. %	MSD Result mg/Kg	MSD Recov. %	RPD %
418.1	ND	ND	25.0	22.9	92	0.0	24.6	98	26.3	105	6.7

DEFINITION OF TERMS:

ND - Analytes not detected at, or above the reporting limit
MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference: (MS - MSD) /((MS + MSD)/2) X 100
LCS - Laboratory Control Spike
LCSD- Laboratory Control Spike Duplicate

LABORATORY QC CRITERIA

Parameter	Acceptable % Recoveries		
TRPH	60%	to	140%
%RPD	0%	to	35%

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QC DATA REPORT
TRPH
EPA Method 418.1

Date Sampled:	4/22/97	**Proj Mgr:**	Rus Purcell
Date Received:	4/22/97	**Client:**	Kennedy/Jenks
Date Analyzed:	4/22/97	**Project:**	974002.00
Date Extracted:	4/22/97	**Matrix:**	Soil
Report Number:	0422A.QAC	**Units:**	mg/Kg
Lab Number:	2BB-1A-5A-50, 1D064-11		

Parameter	Blank 1 Result mg/Kg	Blank 2 Result mg/Kg	Spike Level mg/Kg	LCS Result mg/Kg	LCS Recov. %	Sample Result mg/Kg	MS Result mg/Kg	MS Recov. %	MSD Result mg/Kg	MSD Recov. %	RPD %
418.1	ND	ND	25.0	28.1	112	0.0	22.9	92	26.7	107	15.3

DEFINITION OF TERMS:

ND - Analytes not detected at, or above the reporting limit
MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference: (MS - MSD) /((MS + MSD)/2) X 100
LCS - Laboratory Control Spike
LCSD- Laboratory Control Spike Duplicate

LABORATORY QC CRITERIA

Parameter	Acceptable % Recoveries		
TRPH	60%	to	140%
%RPD	0%	to	35%

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LABORATORY QA/QC REPORT FOR ORGANICS

Laboratory Quality Control Check Sample (LCS)

METHOD : EPA 8260 **Project No: 974002.00** **REPORTING UNITS : µg/L - LCS**
µg/Kg - MB

DATE PERFORMED: 4/22/97
SUPPLY SOURCE: Absolut Standards, Inc. **LAB LCS ID:** LCS 4/22 #1 MS2
LOT NUMBER: 012095(gases), 051596(liq.)
DATE OF SOURCE: 3/14/97

ANALYTE		MB 4/22 #1	SPIKE CONC	RESULT	%RECOVERY	ACP %REC LIMIT
Benzene		ND	25	25.3	101%	85%-115%
Bromodichloromethane		ND	25	25.6	103%	85%-115%
Bromoform		ND	25	25.4	102%	85%-115%
Bromomethane		ND	25	20.6	82%	85%-115%
Carbon tetrachloride		ND	25	25.3	101%	85%-115%
Chlorobenzene		ND	25	24.9	100%	85%-115%
Chloroethane		ND	25	22.0	88%	85%-115%
Chloroform		ND	25	25.4	102%	85%-115%
Chloromethane		ND	25	22.6	91%	85%-115%
Dibromochloromethane		ND	25	25.9	103%	85%-115%
1,2-Dichlorobenzene		ND	25	25.9	103%	85%-115%
1,3-Dichlorobenzene		ND	25	25.9	104%	85%-115%
1,4-Dichlorobenzene		ND	25	25.7	103%	85%-115%
Dichlorodifluoromethane (Freon 12)		ND	25	20.6	82%	85%-115%
1,1-Dichloroethane (1,1-DCA)		ND	25	25.7	103%	85%-115%
1,2-Dichloroethane (1,2-DCA)		ND	25	26.0	104%	85%-115%
1,1-Dichloroethene (1,1-DCE)		ND	25	26.2	105%	85%-115%
cis-1,2-Dichloroethene (c-1,2-DCE)		ND	25	25.4	101%	85%-115%
trans-1,2-Dichloroethene (t-1,2-DCE)		ND	25	25.9	104%	85%-115%
1,2-Dichloropropane		ND	25	25.8	103%	85%-115%
cis-1,3-Dichloropropene		ND	25	25.9	104%	85%-115%
trans-1,3-Dichloropropene		ND	25	25.6	103%	85%-115%
Ethyl benzene		ND	25	25.1	100%	85%-115%
Methylene chloride (Dichloromethane)		ND	25	25.6	102%	85%-115%
1,1,1,2-Tetrachloroethane		ND	25	24.4	98%	85%-115%
1,1,2,2-Tetrachloroethane		ND	25	26.8	107%	85%-115%
Tetrachloroethene (PCE)		ND	25	25.0	100%	85%-115%
Toluene		ND	25	25.3	101%	85%-115%
1,1,1-Trichloroethane (1,1,1-TCA)		ND	25	25.4	101%	85%-115%
1,1,2-Trichloroethane (1,1,2-TCA)		ND	25	25.7	103%	85%-115%
Trichloroethene (TCE)		ND	25	25.2	101%	85%-115%
Trichlorofluoromethane (Freon 11)		ND	25	19.8	79%	85%-115%
m,p-Xylenes		ND	50	49.7	99%	85%-115%
o-Xylene		ND	25	24.6	98%	85%-115%
Vinyl chloride (VC)		ND	25	19.0	76%	85%-115%
SURROGATE	SPK conc	%RC		%RC		
Dibromofluoromethane	50	99%		102%		
Toluene-d8	50	97%		101%		
4-Bromofluorobenzene	50	94%		101%		

Notes : ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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ONSITE
ENVIRONMENTAL
LABORATORIES, INC.

Project No: 974002.00

LABORATORY QA/QC REPORT FOR ORGANICS

METHOD : EPA 8260 **REPORTING UNITS : µg/Kg**

DATE PERFORMED: 4/22/97
BATCH #: 0422-1
LAB SAMPLE ID #: 1D064-29

ANALYTE		SAMPLE RESULT	SPIKE CONC	MS	%MS	SPIKE CONC (DUP)	MSD	%MSD	RPD	MS/MSD LIMIT	RPD LIMIT
Benzene		ND	125	135	108%	125	143	115%	6%	70%-130%	20
Chlorobenzene		ND	125	123	98%	125	135	108%	9%	70%-130%	20
Chloroform		ND	125	136	108%	125	148	119%	9%	70%-130%	20
1,1-Dichloroethane (1,1-DCA)		ND	125	143	114%	125	154	123%	7%	70%-130%	20
1,2-Dichloroethane (1,2-DCA)		ND	125	141	113%	125	154	123%	9%	70%-130%	20
1,1-Dichloroethene (1,1-DCE)		ND	125	149	119%	125	154	124%	4%	70%-130%	20
Tetrachloroethene (PCE)		ND	125	132	106%	125	148	119%	11%	70%-130%	20
Toluene		ND	125	133	106%	125	144	115%	8%	70%-130%	20
Trichloroethene (TCE)		22.2	125	133	89%	125	147	100%	10%	70%-130%	20
SURROGATE	SPK conc	%RC		%RC			%RC				
Dibromofluoromethane	50	103%		105%			108%				
Toluene-d8	50	105%		104%			105%				
4-Bromofluorobenzene	50	95%		97%			100%				

Notes :
ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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ONSITE ENVIRONMENTAL LABORATORIES, INC.

LABORATORY QA/QC REPORT FOR ORGANICS

Laboratory Quality Control Check Sample (LCS)

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/L - LCS**
µg/Kg - MB

DATE PERFORMED: 4/22/97
SUPPLY SOURCE: Absolute Standards, Inc. **LAB LCS ID:** LCS 4/22 #1 MS3
LOT NUMBER: 012095(gases), 051596(liq.)
DATE OF SOURCE: 3/14/97

ANALYTE		MB 4/22 #1	SPIKE CONC	RESULT	%RECOVERY	ACP %REC LIMIT
Benzene		ND	25	27.2	109%	85%-115%
Bromodichloromethane		ND	25	25.9	104%	85%-115%
Bromoform		ND	25	22.0	88%	85%-115%
Bromomethane		ND	25	20.7	83%	85%-115%
Carbon tetrachloride		ND	25	26.0	104%	85%-115%
Chlorobenzene		ND	25	25.9	104%	85%-115%
Chloroethane		ND	25	26.8	107%	85%-115%
Chloroform		ND	25	28.2	113%	85%-115%
Chloromethane		ND	25	28.8	115%	85%-115%
Dibromochloromethane		ND	25	24.3	97%	85%-115%
1,2-Dichlorobenzene		ND	25	26.2	105%	85%-115%
1,3-Dichlorobenzene		ND	25	26.6	106%	85%-115%
1,4-Dichlorobenzene		ND	25	26.3	105%	85%-115%
Dichlorodifluoromethane (Freon 12)		ND	25	25.0	100%	85%-115%
1,1-Dichloroethane (1,1-DCA)		ND	25	29.5	118%	85%-115%
1,2-Dichloroethane (1,2-DCA)		ND	25	27.4	110%	85%-115%
1,1-Dichloroethene (1,1-DCE)		ND	25	27.2	109%	85%-115%
cis-1,2-Dichloroethene (c-1,2-DCE)		ND	25	27.4	110%	85%-115%
trans-1,2-Dichloroethene (t-1,2-DCE)		ND	25	27.4	110%	85%-115%
1,2-Dichloropropane		ND	25	27.4	110%	85%-115%
cis-1,3-Dichloropropene		ND	25	27.0	108%	85%-115%
trans-1,3-Dichloropropene		ND	25	27.1	108%	85%-115%
Ethyl benzene		ND	25	25.6	102%	85%-115%
Methylene chloride (Dichloromethane)		ND	25	27.4	110%	85%-115%
1,1,1,2-Tetrachloroethane		ND	25	23.9	96%	85%-115%
1,1,2,2-Tetrachloroethane		ND	25	27.4	110%	85%-115%
Tetrachloroethene (PCE)		ND	25	23.4	94%	85%-115%
Toluene		ND	25	26.5	106%	85%-115%
1,1,1-Trichloroethane (1,1,1-TCA)		ND	25	28.9	116%	85%-115%
1,1,2-Trichloroethane (1,1,2-TCA)		ND	25	25.2	101%	85%-115%
Trichloroethene (TCE)		ND	25	25.5	102%	85%-115%
Trichlorofluoromethane (Freon 11)		ND	25	21.5	86%	85%-115%
m,p-Xylenes		ND	50	51.9	104%	85%-115%
o-Xylene		ND	25	26.6	106%	85%-115%
Vinyl chloride (VC)		ND	25	23.2	93%	85%-115%
SURROGATE	SPK conc	%RC		%RC		
Dibromofluoromethane	50	107%		107%		
Toluene-d8	50	104%		106%		
4-Bromofluorobenzene	50	97%		99%		

Notes : ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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ONSITE ENVIRONMENTAL LABORATORIES, INC.

LABORATORY QA/QC REPORT FOR ORGANICS

Laboratory Quality Control Check Sample (LCS)

METHOD : EPA 8260 Project No: 974002.00 **REPORTING UNITS : µg/L - LCS**
µg/Kg - MB

DATE PERFORMED: 4/22/97
SUPPLY SOURCE: Absolute Standards, Inc. **LAB LCS ID:** LCS 4/22 #2 MS3
LOT NUMBER: 012095(gases), 051596(liq.)
DATE OF SOURCE: 3/14/97

ANALYTE		MB 4/22 #2	SPIKE CONC	RESULT	%RECOVERY	ACP %REC LIMIT
Benzene		ND	25	26.9	108%	85%-115%
Bromodichloromethane		ND	25	26.2	105%	85%-115%
Bromoform		ND	25	22.4	90%	85%-115%
Bromomethane		ND	25	20.6	83%	85%-115%
Carbon tetrachloride		ND	25	26.0	104%	85%-115%
Chlorobenzene		ND	25	25.6	102%	85%-115%
Chloroethane		ND	25	26.7	107%	85%-115%
Chloroform		ND	25	28.7	115%	85%-115%
Chloromethane		ND	25	27.3	109%	85%-115%
Dibromochloromethane		ND	25	24.6	99%	85%-115%
1,2-Dichlorobenzene		ND	25	26.1	104%	85%-115%
1,3-Dichlorobenzene		ND	25	26.1	104%	85%-115%
1,4-Dichlorobenzene		ND	25	25.9	104%	85%-115%
Dichlorodifluoromethane (Freon 12)		ND	25	24.4	97%	85%-115%
1,1-Dichloroethane (1,1-DCA)		ND	25	29.8	119%	85%-115%
1,2-Dichloroethane (1,2-DCA)		ND	25	27.7	111%	85%-115%
1,1-Dichloroethene (1,1-DCE)		ND	25	27.3	109%	85%-115%
cis-1,2-Dichloroethene (c-1,2-DCE)		ND	25	27.5	110%	85%-115%
trans-1,2-Dichloroethene (t-1,2-DCE)		ND	25	27.9	112%	85%-115%
1,2-Dichloropropane		ND	25	27.4	110%	85%-115%
cis-1,3-Dichloropropene		ND	25	26.4	106%	85%-115%
trans-1,3-Dichloropropene		ND	25	26.7	107%	85%-115%
Ethyl benzene		ND	25	24.0	96%	85%-115%
Methylene chloride (Dichloromethane)		ND	25	27.4	110%	85%-115%
1,1,1,2-Tetrachloroethane		ND	25	23.9	95%	85%-115%
1,1,2,2-Tetrachloroethane		ND	25	28.7	115%	85%-115%
Tetrachloroethene (PCE)		ND	25	23.2	93%	85%-115%
Toluene		ND	25	26.1	104%	85%-115%
1,1,1-Trichloroethane (1,1,1-TCA)		ND	25	29.3	117%	85%-115%
1,1,2-Trichloroethane (1,1,2-TCA)		ND	25	25.6	102%	85%-115%
Trichloroethene (TCE)		ND	25	25.5	102%	85%-115%
Trichlorofluoromethane (Freon 11)		ND	25	20.3	81%	85%-115%
m,p-Xylenes		ND	50	50.3	101%	85%-115%
o-Xylene		ND	25	26.0	104%	85%-115%
Vinyl chloride (VC)		ND	25	22.7	91%	85%-115%
SURROGATE	SPK conc	%RC		%RC		
Dibromofluoromethane	50	110%		110%		
Toluene-d8	50	105%		106%		
4-Bromofluorobenzene	50	100%		100%		

Notes : ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

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LABORATORIES, INC.

Project No: 974002.00

LABORATORY QA/QC REPORT FOR ORGANICS

METHOD : EPA 8260 **REPORTING UNITS : µg/Kg**

DATE PERFORMED: 4/22/97
BATCH #: 0422-2
LAB SAMPLE ID #: 1D064-11

ANALYTE		SAMPLE RESULT	SPIKE CONC	MS	%MS	SPIKE CONC (DUP)	MSD	%MSD	RPD	MS/MSD LIMIT	RPD LIMIT
Benzene		ND	125	138	110%	125	141	112%	2%	70%-130%	20
Chlorobenzene		ND	125	126	101%	125	133	106%	5%	70%-130%	20
Chloroform		ND	125	144	115%	125	146	117%	2%	70%-130%	20
1,1-Dichloroethane (1,1-DCA)		ND	125	155	124%	125	157	126%	1%	70%-130%	20
1,2-Dichloroethane (1,2-DCA)		ND	125	145	116%	125	151	121%	4%	70%-130%	20
1,1-Dichloroethene (1,1-DCE)		ND	125	141	113%	125	142	113%	1%	70%-130%	20
Tetrachloroethene (PCE)		ND	125	179	143%	125	205	164%	14%	70%-130%	20
Toluene		ND	125	133	106%	125	138	110%	4%	70%-130%	20
Trichloroethene (TCE)		9.8	125	135	100%	125	142	106%	5%	70%-130%	20
SURROGATE	SPK conc	%RC		%RC			%RC				
Dibromofluoromethane	50	100%		106%			105%				
Toluene-d8	50	105%		105%			106%				
4-Bromofluorobenzene	50	99%		97%			98%				

Notes :
ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

Printed on recycled paper.

ONSITE
ENVIRONMENTAL
LABORATORIES, INC.

Project No: 974002.00

LABORATORY QA/QC REPORT FOR ORGANICS

METHOD : EPA 8260 **REPORTING UNITS : µg/Kg**

DATE PERFORMED: 4/22/97
BATCH #: 0422-4
LAB SAMPLE ID #: 1D064-17

ANALYTE		SAMPLE RESULT	SPIKE CONC	MS	%MS	SPIKE CONC (DUP)	MSD *	%MSD	RPD **	MS/MSD LIMIT	RPD LIMIT
Benzene		ND	125	141	113%	125	-	-	7%	70%-130%	20
Chlorobenzene		ND	125	138	110%	125	-	-	9%	70%-130%	20
Chloroform		ND	125	153	123%	125	-	-	9%	70%-130%	20
1,1-Dichloroethane (1,1-DCA)		ND	125	163	130%	125	-	-	6%	70%-130%	20
1,2-Dichloroethane (1,2-DCA)		ND	125	150	120%	125	-	-	6%	70%-130%	20
1,1-Dichloroethene (1,1-DCE)		ND	125	151	121%	125	-	-	5%	70%-130%	20
Tetrachloroethene (PCE)		ND	125	223	178%	125	-	-	13%	70%-130%	20
Toluene		ND	125	139	111%	125	-	-	8%	70%-130%	20
Trichloroethene (TCE)		ND	125	149	120%	125	-	-	8%	70%-130%	20
SURROGATE	SPK conc	%RC		%RC			%RC				
Dibromofluoromethane	50	105%		107%			-				
Toluene-d8	50	105%		106%			-				
4-Bromofluorobenzene	50	99%		97%			-				

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed
* - Wrong amount of internal/surrogate standard mix was injected
** - RPD was calculated using areas of qualified ion for the spiking compounds

Gareth Voigt
Laboratory Director

MAY 0 9 1997
Date

Printed on recycled paper.

ONSITE
ENVIRONMENTAL
LABORATORIES, INC.

Daily Project Report

(To be kept with the daily project data files)

Project: Kennedy/Jenks Dac

Date: 4/22/97

ONSITE Analysts/Technicians: MY, NW, SW, CT

Project Status (Circle One): Analyze Samples Standby Mob/Demob

Normal Hours and Overtime Hours Worked:

Normal Hours 10

Overtime Hours 2

Reason for Overtime

Sample Volume and Matrix

Samples Received and Matrix 59 soils for 8260 (8010/8020 9157 & 418.1

Time Last Samples Received

Client Issues Raised:

ONSITE Action Plan:

CHAIN OF CUSTODY RECO[illegible]AND ANALYSIS REQUEST

ONSITE
ENVIRONMENTAL
LABORATORIES, INC.
[redacted]

5500 Boscell Common Fremont, CA 94538 Tel. (510) 490-8571 Fax. (510) 490-8572

Project Manager:	~~DAC~~ Rus Purcell
Client Name:	DAC
Address:	
City, State ZIP	
Phone:	
Fax:	

Bill to:	
Company:	Kennedy / Jenks
Address:	2151 Michelson Dr. Suite 100
City, State ZIP	Irvine CA. 92612
Phone:	714-261-1577
Fax:	

Date:	4-22-97
Page:	of
Laboratory:	
Lab Number:	

Project Name:	DAC
Project Number:	974002.00

P.O. No.:	

Analysis Requested

Sample Identification	Date Sampled	Time Sampled	Matrix	Sampled & Relinquished By:	Time Relinquished:	Received By:	Lab ID	BTEX (8021)	TPH - Gas (8015M)	TPH - Diesel (8015M)	8010/8020 by 6C/MS	418.1				No. Containers	Remarks
2BB-5-3-4	4-22-97	1250	Soil	SCS	1450	MY	10064-36				X	X				1	
2BB-5-3-10	"	1255	"	"	"		37				X	X				1	
2BB-5-3-20	"	1305	"	"	"		38				X	X				1	
2BB-5-3-30	"	1310	"	"	"		39				X	X				1	
2BB-5-3-40	"	1315	"	"	"		40				X	X				1	
2BB-5-3-50	"	1320	"	"	"		41				X	X				1	
2BB-5-14-1	"	1258	"	"	"		42				X	X				1	
2BB-5-14-4	"	1302	"	"	"		43				X	X				1	
2BB-5-14-10	"	1309	"	"	"		44				X	X				1	
2BB-5-14-15	"	1316	"	"	"		45				X	X				1	
2BB-5-14-20	"	1324	"	"	"		46				X	X				1	
2BB-5-14-25	"	1335	"	"	"		47				X	X				1	

Initials:	Printed Name:	Signature:		
SCS	Shane Scrimshire	[signature]	Date:	
MY	Michael Yurovsky	Michael Yurovsky	Start Time:	
			Stop Time:	
			Hours:	
			Client Sign-off:	

Total Containers:	
Received Intact:	
Received Cold:	
Custody Seals:	

White Copy - Admin/Lab Yellow - Mobile Lab Pink - Client

BOE-C6-0097934

CHAIN OF CUSTODY RECO[illegible] AND ANALYSIS REQUEST

ONSITE
ENVIRONMENTAL
LABORATORIES, INC.

[redacted]

5500 Boscell Common Fremont, CA 94538 Tel. (510) 490-8571 Fax. (510) 490-8572

Project Manager:	RUS Purcell
Client Name:	DAC
Address:	
City, State ZIP	
Phone:	
Fax:	

Bill to:	
Company:	Kennedy/Jenks
Address:	2151 Michelson Dr. Suit 100
City, State ZIP	Irvine CA. 92612
Phone:	714-261-1577
Fax:	

Date:	4-22-97
Page:	of
Laboratory:	
Lab Number:	

Project Name:	DAC
Project Number:	974002.00

P.O. No.:	

Analysis Requested

Sample Identification	Date Sampled	Time Sampled	Matrix	Sampled & Relinquished By:	Time Relinquished:	Received By:	Lab ID	BTEX (8021)	TPH - Gas (8015M)	TPH - Diesel (8015M)	8010/8020 by 624/8	418.1				No. Containers	Remarks
2BB-36-16-1	4-22-97	1423	Soil	SLS	1545	MY	1D068-48				X	X				1	
2BB-36-16-4	"	1427	"	"			49				X	X				1	
2BB-36-16-10	"	1434	"	"			50				X	X				1	
2BB-36-16-15	"	1444	"	"			51				X	X				1	
2BB-36-16-20	"	1452	"	"			52				X	X				1	
2BB-36-16-25	"	1507	"	"			53				X	X				1	
2BB-~~36~~ 5-4-4	"	1415	"	"			54				X	X				1	
2BB-5-4-10	"	1420	"	"			55				X	X				1	
2BB-5-4-20	"	1435	"	"			56				X	X				1	
2BB-5-4-30	"	1445	"	"			57				X	X				1	
2BB-5-4-40	"	1450	"	"			58				X	X				1	
2BB-5-4-50	"	1500	"	"			59				X	X				1	

Initials:	Printed Name:	Signature:		
SLS	Shane Scrimshire	[signature]	Date:	
MY	Michael Yurovsky	Michael Yurovsky	Start Time:	
			Stop Time:	
			Hours:	
			Client Sign-off:	

Total Containers:	
Received Intact:	
Received Cold:	
Custody Seals:	

White Copy - Admin/Lab Yellow - Mobile Lab Pink - Client

BOE-C6-0097935

CHAIN OF CUSTODY RECO' AND ANALYSIS REQUEST

ONSITE
ENVIRONMENTAL
LABORATORIES, INC.
[redacted]

5500 Boscell Common Fremont, CA 94538 Tel. (510) 490-8571 Fax. (510) 490-8572

Project Manager:	Rus Purcell
Client Name:	DAC
Address:	
City, State ZIP	
Phone:	
Fax:	

Bill to:	
Company:	Kennedy / Jenks
Address:	2151 Michelson Dr. Suite 100
City, State ZIP	Irvine CA. 92612
Phone:	714-261-1577
Fax:	

Date:	4/22/97
Page:	1 of
Laboratory:	
Lab Number:	

Project Name:	DAC
Project Number:	974002.00

P.O. No.:	

Analysis Requested

Sample Identification	Date Sampled	Time Sampled	Matrix	Sampled & Relinquished By:	Time Relinquished:	Received By:	Lab ID	BTEX (8021)	TPH - Gas (8015M)	TPH - Diesel (8015M)	8010/8020 by GC/MS	418.1				No. Containers	Remarks
2BB - 5-19-4	4-22-97	0823	Soil	SLS	0900	MY	10064-01				X	X				1	
2BB - 5-19-10	"	0828	"	"	"		02				X	X				1	
2BB - 5-19-15	"	0835	"	"	"		03				X	X				1	
2BB - 5-19-20	"	0843	"	"	"		04				X	X				1	
2BB - 5-19-25	"	0853	"	"	"		05				X	X				1	
2BB - 1A - 5A - 4	"	0810	"	"	0930		06				X	X				1	
2BB - 1A - 5A - 10	"	0815	"	"	"		07				X	X				1	
2BB - 1A - 5A - 20	"	0820	"	"	"		08				X	X				1	
2BB - 1A - 5A - 30	"	0825	"	"	"		09				X	X				1	
2BB - 1A - 5A - 40	"	0835	"	"	"		10				X	X				1	
2BB - 1A - 5A - 50	"	0840	"	"	"		11				X	X				1	

Initials:	Printed Name:	Signature:		
SLS	Shane Scrimshire	[signature]	Date:	
MY	Michael Yurovsky	[signature]	Start Time:	
			Stop Time:	
			Hours:	
			Client Sign-off:	

Total Containers:	
Received Intact:	
Received Cold:	
Custody Seals:	

White Copy - Admin/Lab Yellow - Mobile Lab Pink - Client

BOE-C6-0097936

CHAIN OF CUSTODY RECO[illegible] AND ANALYSIS REQUEST

ONSITE
ENVIRONMENTAL
LABORATORIES, INC.
[redacted]

5500 Boscell Common Fremont, CA 94538 Tel. (510) 490-8571 Fax. (510) 490-8572

Project Manager:	RJS Purcell
Client Name:	DAC
Address:	
City, State ZIP	
Phone:	
Fax:	

Bill to:	
Company:	Kennedy / Jenks
Address:	2151 Michelson Dr. Suite 100
City, State ZIP	Irvine CA. 92612
Phone:	714-261-1577
Fax:	

Date:	4-22-97
Page:	2 of
Laboratory:	
Lab Number:	

Project Name:	DAC
Project Number:	974002.00

P.O. No.:	

Analysis Requested

Sample Identification	Date Sampled	Time Sampled	Matrix	Sampled & Relinquished By:	Time Relinquished:	Received By:	Lab ID	BTEX (8021)	TPH - Gas (8015M)	TPH - Diesel (8015M)	5010/8020 by GC/MS	4155.1				No. Containers	Remarks
2BB-5-11-1	4-22-97	0957	Soil	SS	1015	MY	1D064-12				X	X				1	
2BB-5-11-4	"	0943	"	"			13				X	X				1	
2BB-5-11-10	"	0949	"	"			14				X	X				1	
2BB-5-11-15	"	0954	"	"			15				X	X				1	
2BB-5-11-20	"	1000	"	"			16				X	X				1	
2BB-5-11-25	"	1008	"	"			17				X	X				1	
2BB-1A-6-4	"	0930	"	"			18				X	X				1	
2BB-1A-6-10	"	0935	"	"			19				X	X				1	
2BB-1A-6-20	"	0940	"	"			20				X	X				1	
2BB-1A-6-30	"	0945	"	"			21				X	X				1	
2BB-1A-6-40	"	0950	"	"			22				X	X				1	
2BB-1A-6-50	"	1000	"	"			23				X	X				1	

Initials:	Printed Name:	Signature:		
SS	Shane Scrimshire	[signature]	Date:	
MY	Michael Yurovsky	Michael Yurovsky	Start Time:	
			Stop Time:	
			Hours:	
			Client Sign-off:	

Total Containers:	
Received Intact:	
Received Cold:	
Custody Seals:	

White Copy - Admin/Lab Yellow - Mobile Lab Pink - Client

BOE-C6-0097937

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Kennedy/Jenks	PROJECT NAME:	DAC
SEND REPORT TO:		NUMBER:	974002.00
ADDRESS:		LOCATION:	Area 1A
		ADDRESS:	
PHONE:	FAX:	SAMPLED BY:	DMS

ANALYSIS/METHOD REQUEST: 8010/8020, 418.1

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	8010/8020	418.1							REMARKS/PRECAUTIONS
2BB-1A-7-4	1	4/22/97	1040	Soil	Brass		X	X							1D064-24
2BB-1A-7-10	1		1045				X	X							25
2BB-1A-7-20	1		1050				X	X							26
2BB-1A-7-30	1		1100				X	X							27
2BB-1A-7-40	1		1105				X	X							28
2BB-1A-7-50	1		1115				X	X							29
2BB-5-13-1	1		1040				X	X							30
2BB-5-13-4	1		1046				X	X							31
2BB-5-13-10	1		1051				X	X							32
2BB-5-13-15	1		1056				X	X							33
2BB-5-13-20	1		1104				X	X							34
2BB-5-13-25	1		1113				X	X							35

Total No. of Samples: _____ Method of Shipment: _____

Relinquished By:	Date/Time:	Received By:	Date/Time:
Deb McEl	4/22/97 1207	Michael Jurosky	4/22/97 1207
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.