R6-288

THE SUTTON GROUP
Engineering and Environmental Services

ENVIRONMENTAL PROTECTION
96 JUN 10 AM 9:16

June 7, 1996

Mr. Michael Cortez
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA, 94580

RE: *Diesel Tank Area,*

Supplementary Soil and Ground Water Investigation

Dear Mr. Cortez:

We have completed the supplementary soil and ground water investigation at the subject location in accordance with the Alameda County Environmental Health Department (ACEH) request dated November 9, 1995. The work was performed in accordance with the approved Work Plan, dated January 9, 1996, as accepted by ACEH in their letter dated February 1, 1996.

? workplan?

Two new borings were drilled in locations previously agreed upon by ACEH and OLSD at a site meeting on December 8, 1995. The borings were drilled in conjunction with a supplemental soil and ground water investigation being conducted for the former gasoline tank that was located adjacent to the OLSD Maintenance Building. Soil samples were collected in the two borings, numbered EPD-1 and EPD-2, and grab ground water samples were collected from temporary well casings installed in the borings. Additionally a water sample was collected from the existing monitoring well MW-1 adjacent to the former tank location. The site location is shown on the Plant Location Map, Figure 1, The Diesel Tank Area is shown on Figure 2, and the boring locations are shown on the site plan, Figure 3. The boring logs are attached.

Soil and ground water samples were analyzed for Total Extractable Petroleum Hydrocarbons as Diesel by EPA method 8015 Modified, for Benzene, Toluene, Ethyl Benzene, and Total Xylenes by EPA 8020, and for Semivolatile Organics by EPA 8270. Additionally the water samples were analyzed for Total Dissolved Solids.

The analytical test results are summarized on the attached table. The test results for all three water samples, and some of the soils, show a similar, very low presence of diesel, and an absence of BTEX. For the list of semivolatile compound analytes, only bis(2-ethyl hexyl) was shown to be present. This compound was present only in the water sample from the existing monitoring well. The concentrations of TDS in the three water samples show an order of magnitude variance, indicating the three samples range in specific conductance from "brackish" to "saline".

51 Shuey Drive, Moraga, California, 94556-2620
phone: (510) 631-1688 *fax:(510) 631-1371*

If you have questions please call us.

Sincerely,

THE SUTTON GROUP

John R. Sutton, PE/GE

Principal Engineer

Attachments:

Table 1	Diesel Tank Area, Summary of Analytical Results.
Figure 1	Site Location Map, Soil and Water Investigation, Gasoline and Diesel Tank Areas.
Figure 2	Plant Location Map
Figure 3	Boring Locations, Diesel Tank Area
Appendix A	Soil Coring and Sampling, and Ground Water Sampling Procedures
Appendix B	Boring Logs
Appendix C	Laboratory Test Reports

DIESEL TANK AREA

SUMMARY OF ANALYTICAL RESULTS

SOIL SAMPLES

SOIL AND GROUNDWATER INVESTIGATION, 1996[1] 8270

BORING	Depth feet	TPH-DIESEL mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	SemiVolatile Organics EPA 8240 List mg/kg
EPD-1	3.5-4	**1.8**	ND	ND	ND	**0.0056**	ALL ND
EPD-1	6.5-7	ND	ND	ND	ND	ND	ALL ND
EPD-2	3.5-4[2]	**5.4**	ND	ND	ND	ND	ALL ND
EPD-2	6-6.5	**4.1**	ND	ND	ND	ND	ALL ND
MDL'S		1.0	0.0050	0.0050	0.0050	0.0050	VARIOUS

WATER SAMPLES

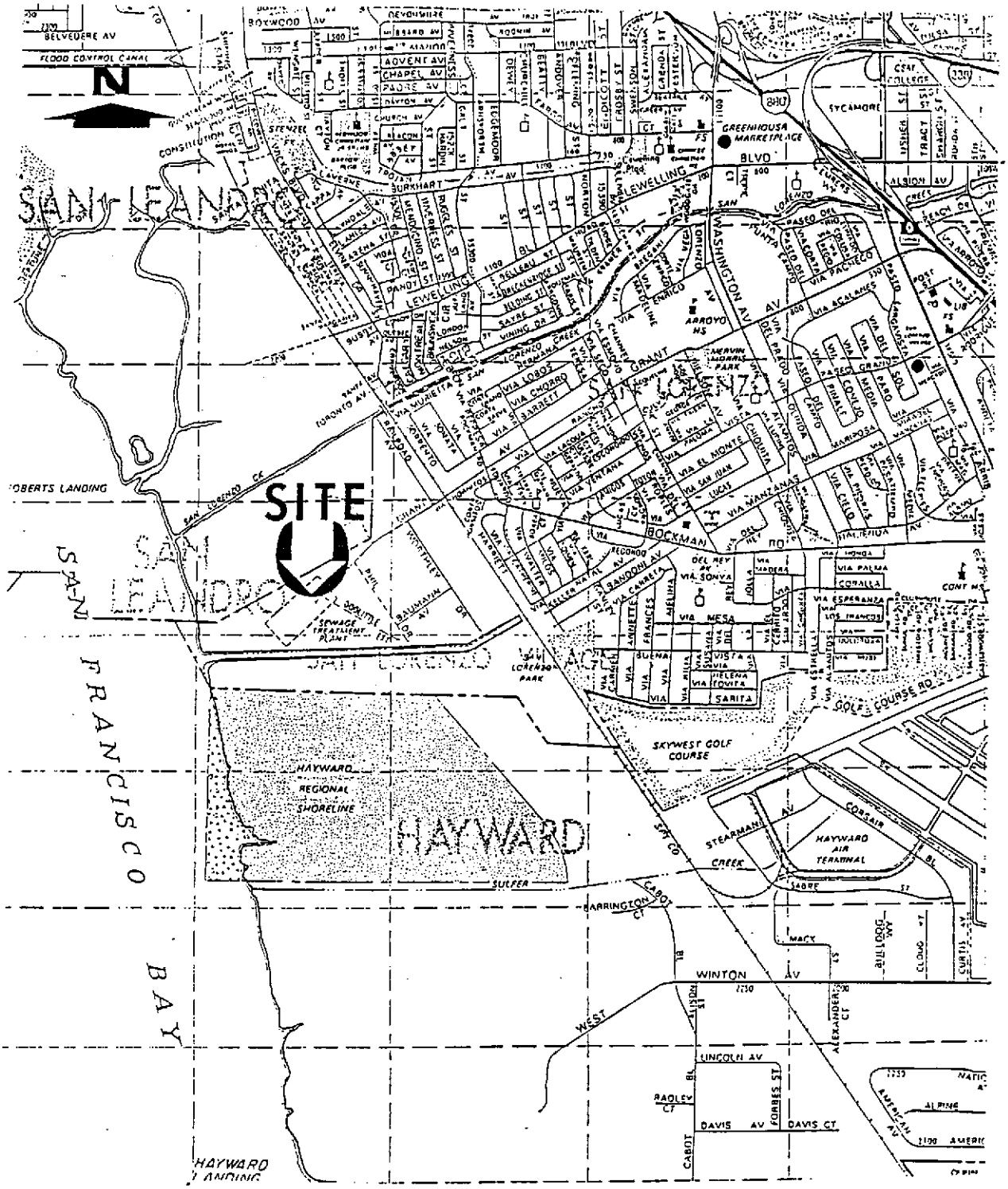
SOIL AND GROUNDWATER INVESTIGATION, 1996 8270

BORING	TPH-DIESEL µg/l	Benzene µg/l	Toluene µg/l	Ethyl Benzene µg/l	Total Xylenes µg/l	SemiVolatile Organics EPA 8240 List µg/l	TOTAL DISOLVED SOLIDS mg/l
EPD-1	**340**	ND	**0.76**	ND	ND	ALL ND	**21,000**
EPD-2	**210**	ND	ND	ND	ND	ALL ND	**1,900**
MW-1	**240**	ND	ND	ND	ND	Bis(2-eth.hex.)phthalate @ **11** all others ND	**6,200**
MDL'S	50	0. 50	0.50	1.	0. 50	10	N/A

[1] Refer to Laboratory Reports for complete listing of results

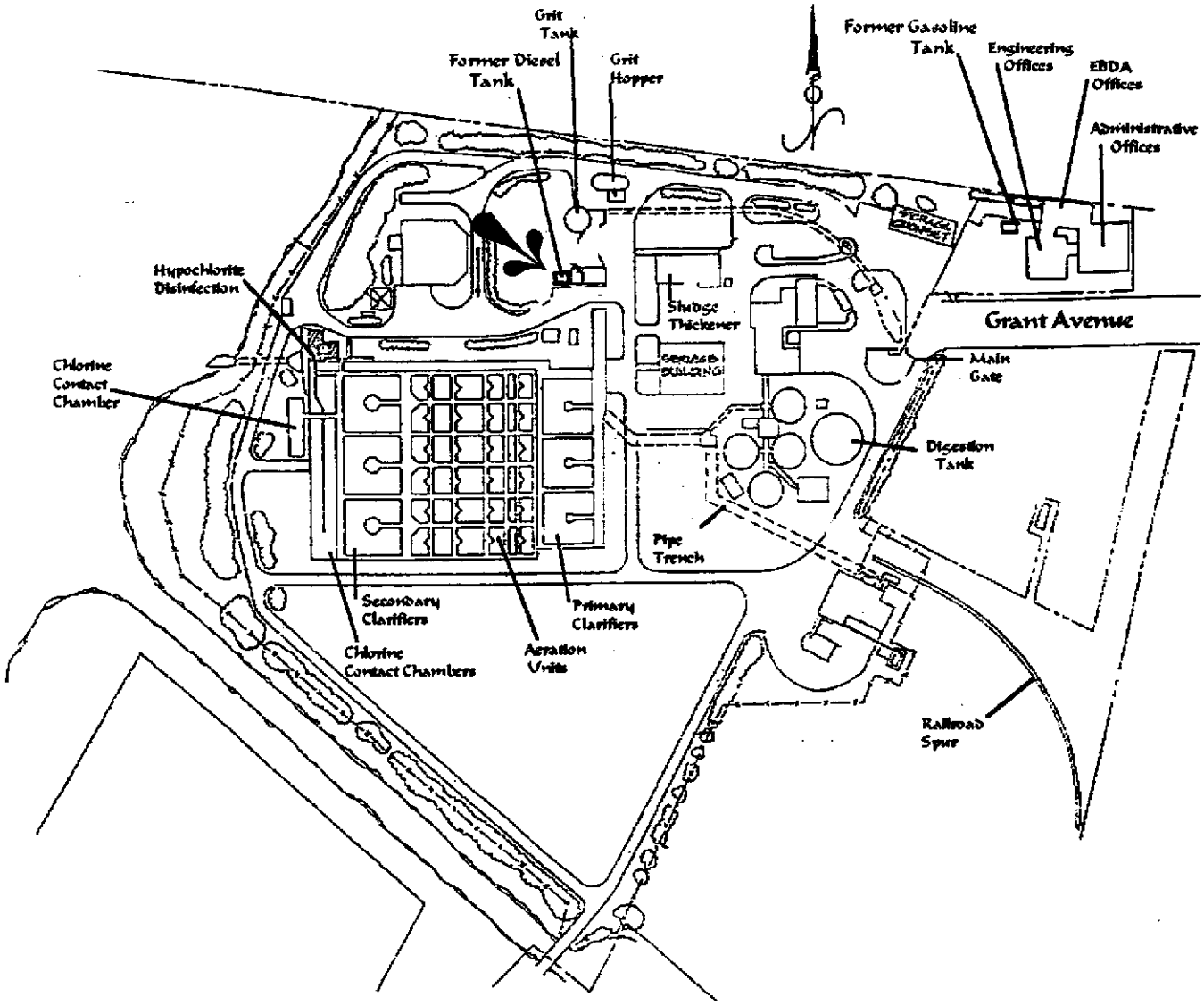
[2] Water sampling showed both EPD-2 soil samples to be below ground water depth

SG/OLSD/diesel results table 05/12/96
goes w/ diesel tank area report



SOURCE: THOMAS BROS MAPS, ALAMEDA COUNTY, CALIFORNIA " Scale 1" = 2500 feet

THE SUTTON GROUP Engineering and Environmental Services 51 Shuey Drive Moraga, California 94556-2620 phone (510) 631-1688 fax (510) 631-1371	**SITE LOCATION MAP** **SOIL AND WATER INVESTIGATION** **GASOLINE & DIESEL TANK AREAS** **ORO LOMA SANITARY DISTRICT** **SAN LORENZO, CALIFORNIA**	PROJECT NO. 3022 PHASE 7 **FIGURE** 1 Revision-0,4/9/96

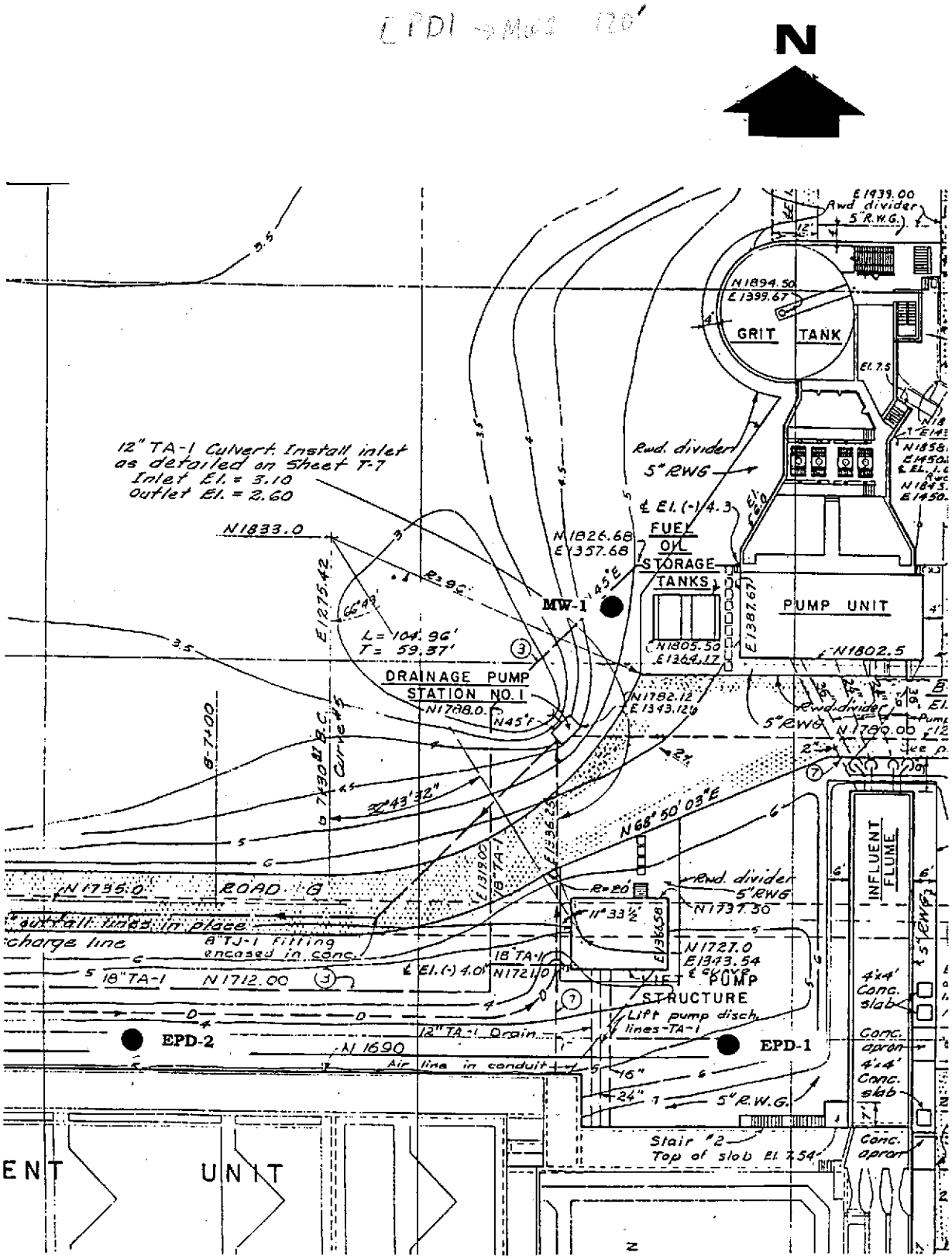


SITE PLAN

MAP SOURCE: ORO LOMA SANITARY DISTRICT

THE SUTTON GROUP Engineering and Environmental Services 51 Shuey Drive Moraga, California 94556-2620 phone (510) 631-1688 fax (510) 631-1371	**PLANT LOCATION MAP** **SOIL AND WATER INVESTIGATION** **DIESEL TANK AREA** **ORO LOMA SANITARY DISTRICT** **SAN LORENZO, CALIFORNIA**	PROJECT NO. **3022** PHASE **7** **FIGURE 2** REVISION-1, 5/13/96

EPD1 → MW2 120'



SOURCE: OLSD TREATMENT PLANT EXPANSION PLANS

Scale: 1in. = 40ft.

THE SUTTON GROUP Engineering and Environmental Services 51 Shuey Drive Moraga, California 94556-2620 phone (510) 631-1688 fax (510) 631-1371	**BORING LOCATIONS DIESEL TANK AREA** **SOIL AND WATER INVESTIGATION** **DIESEL TANK AREA** **ORO LOMA SANITARY DISTRICT** **SAN LORENZO, CALIFORNIA**	PROJECT NO. 3022 PHASE 7 FIGURE 3 Revision-,4/9/96

APPENDIX A

SOIL CORING AND SAMPLING, AND GROUND WATER SAMPLING PROCEDURES

Soil cores and ground water samples were obtained for The Sutton Group by PRECISION SAMPLING, INC. (PSI), a soil and ground water sampling company. located in San Rafael, California. PSI uses portable, hydraulically driven soil coring systems to obtain soil and ground water samples for lithologic and chemical analysis. PSI holds California Well Drilling Contractor's (C-57) license No.636387. The Sutton Group will assist PSI in obtaining a drilling permit for the work from Alameda County Drainage and Flood Control District (Zone 7).

SOIL CORING PROCEDURES

PSI's difficult access rig, the DA-1, utilizes a hydraulic hammer to drive Enviro-Core™ sampling rods into the ground to collect continuous soil cores. The larger sampling rigs, the XD-1 and MD-1, are mounted on 4-wheel-drive vehicles, and the Enviro-Core™ rods are advanced with vibrators, a hydraulic hammer, or pushed into the ground. With any rig, two nested sampling rods are driven simultaneously; small-diameter inner sampling rods are used to obtain and retrieve the soil cores; the larger diameter (2 ½" OD) outer rods serve as temporary drive casing.

As the Enviro-Core™ rods are advanced, soil is driven into a 1-7/8 inch diameter, 3-foot long, sample barrel that is attached to the end of the inner rods, Soil samples are collected in 1¾-inch diameter by 6-inch long stainless steel sleeves inside the sample barrel as both rods are advanced. After being driven 3 feet, the inner rods are removed from the borehole with a hydraulic winch The stainless sleeves containing the soil samples are removed from the inner sample barrel, and can then be preserved for chemical analyses or used for lithologic identification. After adding new stainless steel sleeves, the drive sampler and inner rods are then lowered back into the borehole to the previous depth, an additional 3-foot section of Enviro-Core™ casing is attached, and the process is repeated until the desired depth is reached.

The use of outer rods prevents sloughing of the formation while the inner rods are withdrawn from the hole. This ensures that the drive sampler will always be sampling soil from the desired interval, rather than potentially contaminated soil that has sloughed in from higher up in the hole

All drive casing, inner sample barrels, inner rods, and tools will be cleaned with a high-pressure, hot water washer between holes. Sample barrels will be washed with trisodium phosphate and double-rinsed with de-ionized water between samples collected in the same hole All rinsate from the cleaning will be temporarily contained in 55-gallon drums at the project site and later, with approval, discharged into the sanitary sewer system for treatment at OLSD's POTW.

GROUND WATER SAMPLING PROCEDURES

After the targeted water-bearing zone has been penetrated, the sample barrel and inner rods will be removed from the borehole, and the drive casing will be pulled up approximately three feet to allow groundwater to flow into the borehole. A 1-inch-diameter Schedule 40 PVC casing with a five foot section of 0.010" slotted well screen may be installed in the borehole to facilitate the collection of groundwater samples. Threaded sections of PVC are lowered into the borehole inside the drive casing. The drive casing is then pulled up to expose the slotted interval of the PVC. Groundwater samples may then be collected from within the PVC casing with a 1-inch diameter Teflon or stainless steel bailer until adequate sample volume is obtained.

BOREHOLE GROUTING

On completion of soil and water sampling, boreholes will be abandoned with a grout mixture of Type II cement with 4% pure sodium bentonite. The grout will be pumped through a 1-inch-diameter grouting tube positioned at the bottom of the boreholes, prior to withdrawing the outer rods.

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BOREHOLE LITHOLOGIC LOG

Project No. 3022.7

Boring No **EPD-1**

Date Drilled	March 07, 1996	Drilling Company	Precision Sampling, Inc.
Client	Oro Loma Sanitary District	Driller	C. Fricke
Site Name	Diesel Tank Area	Rig Model	PSI: XD-2
City/Town	San Lorenzo, CA	Drilling Method	Enviropush continuous core
Logged By	J. Sutton	Borehole Diameter	2 ½"
Surface Elevation	5.5+/- msl	Sampling Method	Envirocore, 1 5/8" ID x 6" long
Grd Water Depth	5ft		liners

Depth (ft)	Graphic Symbol	USCS Symbol	Soil Description	Sample Loc'n/ Well Details	PID ppm	Remarks
0		FILL	SAND, gravelly, slightly silty, gray, SP, SP-			
			SM	x		
		CH	CLAY, v.stiff highly plasticroots, green/gray	x	0	
				x	0	
5		SP	SAND, fine, clean to sl. Silty,gray, wet.	x		
			becomes wet at 6.	x		
		CL	CLAY,m.stiff to soft, m. plastic, gray-green,	x	0	
			very moist	x	0	
				x	0	
10				x		
				x	0	
				x		
			Boring terminated @ 12 ft.			
15						
			1" dia temporary well with 5' slotted section.			
			Set at 12 ft depth.			
			Casing removed and hole tremie-grouted			
			after water sampling			

THE SUTTON GROUP
51 Shuey Drive
Moraga, CA 94556
(510) 631-1688 fax (510) 631-1371

BOREHOLE LITHOLOGIC LOG

Project No. 3022.7

Boring No **EPD-2**

Date Drilled	March 07, 1996	Drilling Company	Precision Sampling, Inc.
Client	Oro Loma Sanitary District	Driller	C. Fricke
Site Name	Diesel Tank Area	Rig Model	PSI: XD-2
City/Town	San Lorenzo, CA	Drilling Method	Enviropush continuous core
Logged By	J. Sutton	Borehole Diameter	2 ½"
Surface Elevation	5. +/- msl	Sampling Method	Envirocore, 1 5/8" ID x 6" long liners
Grd Water Depth	3' **		

Depth (ft)	Graphic Symbol	USCS Symbol	Soil Description	Sample Loc'n/ Well Details	PID ppm	Remarks
0		FILL	SAND, gravelly, slightly silty, Quarry fill, over			
			rounded gravel to 3" size No odor	x		
			@ 3' becomes clayey, moist, green	x		
				x	0	
5				x		
				x		
				x	0	
				x		
		CL-CH	CLAY,stiff, m. to highly plastic, gray-green,	x	0	
10			very moist	x		
				x		
				x		
			Boring terminated @ 12 ft.			
15			1" dia temporary well with 5' slotted section.			
			Set at 12 ft depth.			
			* Water in temporary well rose to 0.2 ft			
			above ground level by sampling time			

THE SUTTON GROUP
51 Shuey Drive
Moraga, CA 94556
(510) 631-1688 fax (510) 631-1371

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620
Attention: John Sutton, PE

Client Project ID: Fuel Tanks
Matrix: Liquid
Work Order #: 9603520 -01-04, 15-17
Reported: Mar 22, 199

QUALITY CONTROL DATA REPORT

Analyte:	Lead
QC Batch#:	ME0314967000MDA
Analy. Method:	EPA 239.2
Prep. Method:	EPA 3020
Analyst:	J. Smith
MS/MSD #:	960366001
Sample Conc.:	0.016
Prepared Date:	3/14/96
Analyzed Date:	3/15/96
Instrument I.D.#:	MV1
Conc. Spiked:	0.050 mg/L
Result:	0.046
MS % Recovery:	60
Dup. Result:	0.048
MSD % Recov.:	64
RPD:	4.3
RPD Limit:	0-30

LCS #:	BLK031496
Prepared Date:	N/A
Analyzed Date:	3/18/96
Instrument I.D.#:	MV1
Conc. Spiked:	0.050 mg/L
LCS Result:	0.051
LCS % Recov.:	101

MS/MSD LCS Control Limits	75-125

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

Please Note:
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** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620
Attention: John Sutton, PE

Client Project ID: Fuel Tanks
Matrix: Liquid
Work Order #: 9603520-05-07

Reported: Mar 22, 199

QUALITY CONTROL DATA REPORT

Analyte:	Total Dissolved Solid	Diesel
QC Batch#:	IN031196160100A	GC0311960HBPEXX
Analy. Method:	EPA 160.1	EPA 8015M
Prep. Method:	N/A	EPA 3520
Analyst:	S. Chin	J. Minkel
MS/MSD #:	960328812	960337701
Sample Conc.:	400	550
Prepared Date:	3/11/96	3/11/96
Analyzed Date:	3/11/96	3/13/96
Instrument I.D.#:	Manual	GCHP4
Conc. Spiked:	500 mg/L	1000 µg/L
Result:	950	1200
MS % Recovery:	110	65
Dup. Result:	830	910
MSD % Recov.:	86	36
RPD:	13	28
RPD Limit:	0-30	0-50

LCS #:	BLK031196	BLK031196
Prepared Date:	3/11/96	3/11/96
Analyzed Date:	3/11/96	3/12/96
Instrument I.D.#:	Manual	GCHP4
Conc. Spiked:	500 mg/L	1000 µg/L
LCS Result:	480	930
LCS % Recov.:	96	93

MS/MSD	70-130	
LCS	80-120	38-122
Control Limits		

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

Please Note:
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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620
Attention: John Sutton, PE

Client Project ID: Fuel Tanks
Matrix: Liquid
Work Order #: 9603520-01-07

Reported: Mar 22, 199

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC031296BTEX17A	GC031296BTEX17A	GC031296BTEX17A	GC031296BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	960309703	960309703	960309703	960309703
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/12/96	3/12/96	3/12/96	3/12/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	9.9	30
MS % Recovery:	100	100	99	100
Dup. Result:	9.6	9.8	9.8	29
MSD % Recov.:	96	98	98	97
RPD:	4.1	2.0	1.0	3.4
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK031296	BLK031296	BLK031296	BLK031296
Prepared Date:	3/12/96	3/12/96	3/12/96	3/12/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.7	9.6	9.7	29
LCS % Recov.:	97	96	97	97
MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130

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Jim Heider
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

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680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group	Client Project ID:	Fuel Tanks	
51 Shuey Drive	Matrix:	Solid	
Moraga, CA 94556-2620			
Attention: John Sutton, PE	Work Order #:	9603520-08-14	Reported: Mar 22, 199

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC031396BTEXEXB	GC031396BTEXEXB	GC031396BTEXEXB	GC031396BTEXEXB
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	M. Otte	M. Otte	M. Otte	M. Otte
MS/MSD #:	960366802	960366802	960366802	960366802
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/13/96	3/13/96	3/13/96	3/13/96
Analyzed Date:	3/13/96	3/13/96	3/13/96	3/13/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg
Result:	0.14	0.15	0.15	0.45
MS % Recovery:	70	75	75	75
Dup. Result:	0.16	0.16	0.16	0.48
MSD % Recov.:	80	80	80	80
RPD:	13	6.5	6.5	6.5
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK031396	BLK031396	BLK031396	BLK031396
Prepared Date:	3/13/96	3/13/96	3/13/96	3/13/96
Analyzed Date:	3/13/96	3/13/96	3/13/96	3/13/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg
LCS Result:	0.18	0.19	0.19	0.57
LCS % Recov.:	90	95	95	95
MS/MSD LCS Control Limits	50-150	50-150	50-150	50-150

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

Please Note:
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** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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The Sutton Group	Client Project ID:	Fuel Tanks	
51 Shuey Drive	Matrix:	Solid	
Moraga, CA 94556-2620			
Attention: John Sutton, PE	Work Order #:	9603520-11-14	Reported: Mar 22, 199

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0310960HBPEXA
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3550
Analyst:	J. Minkel
MS/MSD #:	960348212
Sample Conc.:	5000
Prepared Date:	3/10/96
Analyzed Date:	3/11/96
Instrument I.D.#:	GCHP5
Conc. Spiked:	25 mg/Kg
Result:	*
MS % Recovery:	-
Dup. Result:	*
MSD % Recov.:	-
RPD:	*
RPD Limit:	-

LCS #:	BLK031196
Prepared Date:	3/11/96
Analyzed Date:	3/12/96
Instrument I.D.#:	GCHP5
Conc. Spiked:	25 mg/Kg
LCS Result:	20
LCS % Recov.:	80

MS/MSD LCS Control Limits	38-122

*Matrix interference

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620
Attention: John Sutton, PE

Client Project ID: Fuel Tanks
Matrix: Liquid
Work Order #: 9603520-05-07

Reported: Mar 22, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro benzene	N-Nitroso-Di-N-propylamine
QC Batch#:	MS0308968270EXA	MS0308968270EXA	MS0308968270EXA	MS0308968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510	EPA 3510
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	960332601	960332601	960332601	960332601
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/8/96	3/8/96	3/8/96	3/8/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	81	140	120	160
MS % Recovery:	41	70	60	80
Dup. Result:	80	140	120	150
MSD % Recov.:	40	70	60	75
RPD:	1.2	0.0	0.0	6.5
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK030896	BLK030896	BLK030896	BLK030896
Prepared Date:	3/8/96	3/8/96	3/8/96	3/8/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
LCS Result:	86	150	120	170
LCS % Recov.:	43	75	60	85
MS/MSD LCS Control Limits	15-115	30-120	30-120	30-120

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

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Sequoia Analytical

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620
Attention: John Sutton, PE

Client Project ID: Fuel Tanks
Matrix: Liquid
Work Order #: 9603520-05-07

Reported: Mar 22, 199

QUALITY CONTROL DATA REPORT

Analyte:	1,2,4-Trichloro benzene	4-Chloro-3 Methylphenol	Acenaphthene	4-Nitrophenol
QC Batch#:	MS0308968270EXA	MS0308968270EXA	MS0308968270EXA	MS0308968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510	EPA 3510
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	960332601	960332601	960332601	960332601
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/8/96	3/8/96	3/8/96	3/8/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
Result:	110	130	130	70
MS % Recovery:	55	65	65	35
Dup. Result:	110	130	130	65
MSD % Recov.:	55	65	65	33
RPD:	0.0	0.0	0.0	7.4
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK030896	BLK030896	BLK030896	BLK030896
Prepared Date:	3/8/96	3/8/96	3/8/96	3/8/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L	200 µg/L
LCS Result:	120	140	140	66
LCS % Recov.:	60	70	70	33
MS/MSD LCS Control Limits	40-120	30-120	50-140	20-120

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

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The Sutton Group	Client Project ID:	Fuel Tanks	
51 Shuey Drive	Matrix:	Liquid	
Moraga, CA 94556-2620			
Attention: John Sutton, PE	Work Order #:	9603520-05-07	Reported: Mar 22, 1996

QUALITY CONTROL DATA REPORT

Analyte:	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	MS0308968270EXA	MS0308968270EXA	MS0308968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3510	EPA 3510	EPA 3510
Analyst:	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	960332601	960332601	960332601
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	3/8/96	3/8/96	3/8/96
Analyzed Date:	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
Result:	130	140	140
MS % Recovery:	65	70	70
Dup. Result:	120	140	130
MSD % Recov.:	60	70	65
RPD:	8.0	0.0	7.4
RPD Limit:	0-50	0-50	0-50

LCS #:	BLK030896	BLK030896	BLK030896
Prepared Date:	3/8/96	3/8/96	3/8/96
Analyzed Date:	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5
Conc. Spiked:	200 µg/L	200 µg/L	200 µg/L
LCS Result:	140	140	140
LCS % Recov.:	70	70	70

MS/MSD LCS Control Limits	40-130	30-110	55-115

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620
Attention: John Sutton, PE

Client Project ID: Fuel Tanks
Matrix: Solid
Work Order #: 9603520-11-14
Reported: Mar 22, 199

QUALITY CONTROL DATA REPORT

Analyte:	Phenol	2-Chlorophenol	1,4-Dichloro benzene	N-Nitroso-Di-N-propylamine
QC Batch#:	MS0311968270EXA	MS0311968270EXA	MS0311968270EXA	MS0311968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3550	EPA 3550	EPA 3550	EPA 3550
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	960354611	960354611	960354611	960354611
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/11/96	3/11/96	3/11/96	3/11/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
Result:	3300	2900	2600	3300
MS % Recovery:	100	88	79	100
Dup. Result:	3100	2800	2300	3300
MSD % Recov.:	94	85	70	100
RPD:	6.3	3.5	12	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK031196	BLK031196	BLK031196	BLK031196
Prepared Date:	3/11/96	3/11/96	3/11/96	3/11/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
LCS Result:	3300	3000	2700	3500
LCS % Recov.:	100	91	82	106
MS/MSD LCS Control Limits	35-120	30-120	30-120	30-120

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

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The Sutton Group	Client Project ID:	Fuel Tanks	
51 Shuey Drive	Matrix:	Solid	
Moraga, CA 94556-2620			
Attention: John Sutton, PE	Work Order #:	9603520-11-14	Reported: Mar 22, 1996

QUALITY CONTROL DATA REPORT

Analyte:	1,2,4-Trichloro benzene	4-Chloro-3 Methylphenol	Acenaphthene	4-Nitrophenol
QC Batch#:	MS0311968270EXA	MS0311968270EXA	MS0311968270EXA	MS0311968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3550	EPA 3550	EPA 3550	EPA 3550
Analyst:	E. Manuel	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	960354611	960354611	960354611	960354611
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/11/96	3/11/96	3/11/96	3/11/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
Result:	2400	2700	2700	3200
MS % Recovery:	73	82	82	97
Dup. Result:	2300	2800	2700	3100
MSD % Recov.:	70	85	82	94
RPD:	4.3	3.6	0.0	3.2
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK031196	BLK031196	BLK031196	BLK031196
Prepared Date:	3/11/96	3/11/96	3/11/96	3/11/96
Analyzed Date:	3/12/96	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
LCS Result:	2600	2700	2800	3200
LCS % Recov.:	79	82	85	97
MS/MSD LCS Control Limits	40-120	40-120	50-140	20-120

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620
Attention: John Sutton, PE

Client Project ID: Fuel Tanks
Matrix: Solid
Work Order #: 9603520-11-14

Reported: Mar 22, 199

QUALITY CONTROL DATA REPORT

Analyte:	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
QC Batch#:	MS0311968270EXA	MS0311968270EXA	MS0311968270EXA
Analy. Method:	EPA 8270	EPA 8270	EPA 8270
Prep. Method:	EPA 3550	EPA 3550	EPA 3550
Analyst:	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	960354611	960354611	960354611
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	3/11/96	3/11/96	3/11/96
Analyzed Date:	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
Result:	2500	2900	2700
MS % Recovery:	76	88	82
Dup. Result:	2400	2600	2700
MSD % Recov.:	73	79	82
RPD:	4.1	11	0.0
RPD Limit:	0-50	0-50	0-50
LCS #:	BLK031196	BLK031196	BLK031196
Prepared Date:	3/11/96	3/11/96	3/11/96
Analyzed Date:	3/12/96	3/12/96	3/12/96
Instrument I.D.#:	H5	H5	H5
Conc. Spiked:	3300 µg/Kg	3300 µg/Kg	3300 µg/Kg
LCS Result:	2500	2800	2800
LCS % Recov.:	76	85	85
MS/MSD LCS Control Limits	40-130	30-110	50-115

SEQUOIA ANALYTICAL

Jim Heider
Project Manager

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks

Lab Proj. ID: 9603520

Sampled: 03/08/96
Received: 03/08/96
Analyzed: see below

Reported: 03/22/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9603520-01 Sample Desc : **LIQUID,EP4-W1**				
Lead	**mg/L**	**03/18/96**	**0.0050**	**0.015**
Lab No: 9603520-02 Sample Desc : **LIQUID,EP6-W**				
Lead	**mg/L**	**03/18/96**	**0.0050**	**0.019**
Lab No: 9603520-03 Sample Desc : **LIQUID,EP7-W**				
Lead	mg/L	03/18/96	0.0050	N.D.
Lab No: 9603520-04 Sample Desc : **LIQUID,EP5-W**				
Lead	mg/L	03/18/96	0.0050	N.D.
Lab No: 9603520-05 Sample Desc : **LIQUID,EPD-2**				
Total Dissolved Solids	**mg/L**	**03/11/96**	**1.0**	**1900**
Lab No: 9603520-06 Sample Desc : **LIQUID,EPD-1**				
Total Dissolved Solids	**mg/L**	**03/11/96**	**1.0**	**21000**
Lab No: 9603520-07 Sample Desc : **LIQUID,MW-1**				
Total Dissolved Solids	**mg/L**	**03/11/96**	**1.0**	**6200**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks

Lab Proj. ID: 9603520

Sampled: 03/08/96
Received: 03/08/96
Analyzed: see below

Reported: 03/22/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9603520-15 Sample Desc : **LIQUID,EP3-W**				
Lead	**mg/L**	**03/18/96**	**0.0050**	**0.016**
Lab No: 9603520-16 Sample Desc : **LIQUID,EP1-W**				
Lead	mg/L	03/18/96	0.0050	N.D.
Lab No: 9603520-17 Sample Desc : **LIQUID,EP2-W**				
Lead	**mg/L**	**03/18/96**	**0.0500**	**0.074**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: EPD-2	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	Extracted: 03/12/96
	Analysis Method: EPA 8270	Analyzed: 03/20/96
Attention: John Sutton, PE	Lab Number: 9603520-05	Reported: 03/22/96

QC Batch Number: MS0308968270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: EPD-2	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	Extracted: 03/12/96
	Analysis Method: EPA 8270	Analyzed: 03/20/96
Attention: John Sutton, PE	Lab Number: 9603520-05	Reported: 03/22/96

QC Batch Number: MS0308968270EXA
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	48
Phenol-d5	10	110	34
Nitrobenzene-d5	35	114	74
2-Fluorobiphenyl	43	116	81
2,4,6-Tribromophenol	10	123	108
p-Terphenyl-d14	33	141	110

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: EPD-2	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	Extracted: 03/11/96
	Analysis Method: EPA 8015 Mod	Analyzed: 03/13/96
Attention: John Sutton, PE	Lab Number: 9603520-05	Reported: 03/22/96

QC Batch Number: GC0311960HBPEXX
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	210
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	120

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: EPD-2	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	
	Analysis Method: EPA 8020	Analyzed: 03/12/96
Attention: John Sutton, PE	Lab Number: 9603520-05	Reported: 03/22/96

QC Batch Number: GC031296BTEX17A
Instrument ID: GCHP17

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: EPD-1	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	Extracted: 03/13/96
	Analysis Method: EPA 8270	Analyzed: 03/18/96
Attention: John Sutton, PE	Lab Number: 9603520-06	Reported: 03/22/96

QC Batch Number: MS0308968270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks
Sample Descript: EPD-1
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9603520-06

Sampled: 03/08/96
Received: 03/08/96
Extracted: 03/13/96
Analyzed: 03/18/96
Reported: 03/22/96

QC Batch Number: MS0308968270EXA
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	49
Phenol-d5	10	110	33
Nitrobenzene-d5	35	114	75
2-Fluorobiphenyl	43	116	77
2,4,6-Tribromophenol	10	123	101
p-Terphenyl-d14	33	141	100

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: EPD-1	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	Extracted: 03/11/96
	Analysis Method: EPA 8015 Mod	Analyzed: 03/13/96
Attention: John Sutton, PE	Lab Number: 9603520-06	Reported: 03/22/96

QC Batch Number: GC0311960HBPEXX
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	340
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	105

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: EPD-1	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	
	Analysis Method: EPA 8020	Analyzed: 03/12/96
Attention: John Sutton, PE	Lab Number: 9603520-06	Reported: 03/22/96

QC Batch Number: GC031296BTEX17A
Instrument ID: GCHP17

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
Toluene	**0.50**	**0.76**
Ethyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: MW-1	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	Extracted: 03/13/96
	Analysis Method: EPA 8270	Analyzed: 03/18/96
Attention: John Sutton, PE	Lab Number: 9603520-07	Reported: 03/22/96

QC Batch Number: MS0308968270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	**10**	**11**
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9603520-07

Sampled: 03/08/96
Received: 03/08/96
Extracted: 03/13/96
Analyzed: 03/18/96
Reported: 03/22/96

QC Batch Number: MS0308968270EXA
Instrument ID: H5

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	47
Phenol-d5	10	110	30
Nitrobenzene-d5	35	114	75
2-Fluorobiphenyl	43	116	75
2,4,6-Tribromophenol	10	123	95
p-Terphenyl-d14	33	141	106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

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404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/08/96
51 Shuey Drive	Sample Descript: MW-1	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: LIQUID	Extracted: 03/11/96
	Analysis Method: EPA 8015 Mod	Analyzed: 03/13/96
Attention: John Sutton, PE	Lab Number: 9603520-07	Reported: 03/22/96

QC Batch Number: GC0311960HBPEXX
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	240
Chromatogram Pattern:		
Unidentified HC		C9-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	144

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9603520-07

Sampled: 03/08/96
Received: 03/08/96

Analyzed: 03/12/96
Reported: 03/22/96

QC Batch Number: GC031296BTEX17A
Instrument ID: GCHP17

BTEX Distinction

Analyte	Detection Limit ug/L	Sample Results ug/L
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	92

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD1 3.5-4	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/11/96
	Analysis Method: EPA 8270	Analyzed: 03/13/96
Attention: John Sutton, PE	Lab Number: 9603520-11	Reported: 03/22/96

QC Batch Number: MS0311968270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks
Sample Descript: EPD1 3.5-4
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9603520-11

Sampled: 03/07/96
Received: 03/08/96
Extracted: 03/11/96
Analyzed: 03/13/96
Reported: 03/22/96

QC Batch Number: MS0311968270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	78
Phenol-d5	24	113	85
Nitrobenzene-d5	23	120	76
2-Fluorobiphenyl	30	115	82
2,4,6-Tribromophenol	19	122	87
p-Terphenyl-d14	18	137	83

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD1 3.5-4	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/13/96
	Analysis Method: EPA 8020	Analyzed: 03/14/96
Attention: John Sutton, PE	Lab Number: 9603520-11	Reported: 03/22/96

QC Batch Number: GC031396BTEXEXB
Instrument ID: GCHP22

BTEX Distinction

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl benzene	0.0050	N.D.
Xylenes (Total)	**0.0050**	**0.0056**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	110

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD1 3.5-4	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/11/96
	Analysis Method: EPA 8015 Mod	Analyzed: 03/12/96
Attention: John Sutton, PE	Lab Number: 9603520-11	Reported: 03/22/96

QC Batch Number: GC0310960HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	1.8
Chromatogram Pattern:		
Unidentified HC		C12-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	109

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD1 6.5-7	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/11/96
	Analysis Method: EPA 8270	Analyzed: 03/13/96
Attention: John Sutton, PE	Lab Number: 9603520-12	Reported: 03/22/96

QC Batch Number: MS0311968270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks
Sample Descript: EPD1 6.5-7
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9603520-12

Sampled: 03/07/96
Received: 03/08/96
Extracted: 03/11/96
Analyzed: 03/13/96
Reported: 03/22/96

QC Batch Number: MS0311968270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	79
Phenol-d5	24	113	83
Nitrobenzene-d5	23	120	75
2-Fluorobiphenyl	30	115	83
2,4,6-Tribromophenol	19	122	91
p-Terphenyl-d14	18	137	80

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD1 6.5-7	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/13/96
	Analysis Method: EPA 8020	Analyzed: 03/14/96
Attention: John Sutton, PE	Lab Number: 9603520-12	Reported: 03/22/96

QC Batch Number: GC031396BTEXEXB
Instrument ID: GCHP22

BTEX Distinction

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD1 6.5-7	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/11/96
	Analysis Method: EPA 8015 Mod	Analyzed: 03/12/96
Attention: John Sutton, PE	Lab Number: 9603520-12	Reported: 03/22/96

QC Batch Number: GC0310960HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	82

Analytes reported as N.D. were not present above the stated limit of detection.

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD2 3.5-4	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/11/96
	Analysis Method: EPA 8270	Analyzed: 03/13/96
Attention: John Sutton, PE	Lab Number: 9603520-13	Reported: 03/22/96

QC Batch Number: MS0311968270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD2 3.5-4	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/11/96
	Analysis Method: EPA 8270	Analyzed: 03/13/96
Attention: John Sutton, PE	Lab Number: 9603520-13	Reported: 03/22/96

QC Batch Number: MS0311968270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	72
Phenol-d5	24	113	81
Nitrobenzene-d5	23	120	71
2-Fluorobiphenyl	30	115	76
2,4,6-Tribromophenol	19	122	79
p-Terphenyl-d14	18	137	79

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD2 3.5-4	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/13/96
	Analysis Method: EPA 8020	Analyzed: 03/14/96
Attention: John Sutton, PE	Lab Number: 9603520-13	Reported: 03/22/96

QC Batch Number: GC031396BTEXEXB
Instrument ID: GCHP18

BTEX Distinction

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks
Sample Descript: EPD2 3.5-4
Matrix: SOLID
Analysis Method: EPA 8015 Mod
Lab Number: 9603520-13

Sampled: 03/07/96
Received: 03/08/96
Extracted: 03/11/96
Analyzed: 03/12/96
Reported: 03/22/96

QC Batch Number: GC0310960HBPEXA
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	5.4
Chromatogram Pattern:		
Unidentified HC		C12-C24

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	104

Analytes reported as N.D. were not present above the stated limit of detection.

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Project Manager

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD2 6-6.5	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/11/96
	Analysis Method: EPA 8270	Analyzed: 03/13/96
Attention: John Sutton, PE	Lab Number: 9603520-14	Reported: 03/22/96

QC Batch Number: MS0311968270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.
2,4-Dinitrotoluene	250	N.D.

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The Sutton Group
51 Shuey Drive
Moraga, CA 94556-2620

Attention: John Sutton, PE

Client Proj. ID: Fuel Tanks
Sample Descript: EPD2 6-6.5
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9603520-14

Sampled: 03/07/96
Received: 03/08/96
Extracted: 03/11/96
Analyzed: 03/13/96
Reported: 03/22/96

QC Batch Number: MS0311968270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	75
Phenol-d5	24	113	84
Nitrobenzene-d5	23	120	73
2-Fluorobiphenyl	30	115	80
2,4,6-Tribromophenol	19	122	83
p-Terphenyl-d14	18	137	83

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

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The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD2 6-6.5	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/13/96
	Analysis Method: EPA 8020	Analyzed: 03/14/96
Attention: John Sutton, PE	Lab Number: 9603520-14	Reported: 03/22/96

QC Batch Number: GC031396BTEXEXB
Instrument ID: GCHP18

BTEX Distinction

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

The Sutton Group	Client Proj. ID: Fuel Tanks	Sampled: 03/07/96
51 Shuey Drive	Sample Descript: EPD2 6-6.5	Received: 03/08/96
Moraga, CA 94556-2620	Matrix: SOLID	Extracted: 03/11/96
	Analysis Method: EPA 8015 Mod	Analyzed: 03/12/96
Attention: John Sutton, PE	Lab Number: 9603520-14	Reported: 03/22/96

QC Batch Number: GC0310960HBPEXA
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	**1.0**	**4.1**
Chromatogram Pattern: **Unidentified HC**		**C9-C24**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Jim Heider
Project Manager

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

■ 680 Chesapeake Drive • Redwood City, CA 94063 • (415) 364-9600 FAX (415) 364-9233
❑ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
❑ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (510) 988-9600 FAX (510) 988-9673

Company Name: The Sutton Group	Project Name: Fuel Tanks
Address: 51 Shuey Drive	Billing Address (if different): OLSD
City: Moraga State: CA Zip Code: 94556	2600 Grant Av. San Lorenzo 94580
Telephone: 510 631-1688 FAX #: 510 631-1371	P.O. #:
Report To: The Sutton Group Sampler: Sutton	QC Data: ■ Level D (Standard) ❑ Level C ❑ Level B ❑ Level A

Turnaround Time: ❑ 10 Working Days ❑ 7 Working Days ❑ 5 Working Days ❑ 3 Working Days ❑ 2 Working Days ❑ 24 Hours ❑ 2 - 8 Hours

960 3520

❑ Drinking Water ❑ Waste Water ❑ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	GAS BTEX	MTBE	LEAD (SOL)	DIESEL BTEX	TDS	SEMI VOL			Comments
1. EP4-W1	3/8/96, 0900		3	2x VOA 1x½L Pl	1	X		X						VOA preserved Hold for MTBE
2. EP-3-WC	3/8/96			2x VOA 1x½L Pl	15	X	X	X						TEMP TAT on MTBE see Jim
3. EP1-WC	3/8/96			2X VOA 1X½L Pl	16	X	X	X						Hold
4. EP2-WC	3/8/96 0950		3	2X VOA 1X½L Pl	17	X	X	X						
5. EP6-WA	3/8/96 1007		3	2X VOA 1X½L Pl	2	X		X						Hold for MTBE
6. EP7-WA	3/8/96 1025		3	2X VOA 1X½L Pl	3	X		X						Hold for MTBE
7. EP5-WA	3/8/96 1300		3	2X VOA 1X½L Pl	4	X		X						
8. EPD-2	3/8/96 1140		4	2X VOA 2X½L A	5				X	X	X			
9. EPD-1	3/8/96 1130		4	2X VOA 2X½L A	6				X	X	X			
10. MW-1	3/8/96 1220		4	2X VOA 2X½L A	7				X	X	X			

Relinquished By:	Date: 3/8/96	Time: 1520	Received By: Michael Kear	Date: 3/8/96	Time: 1625
Relinquished By: Michael Kear	Date: 3/8/96	Time: 5:10	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date: 3/8/96	Time: 1710

Pink - Client
Yellow - Sequoia
White - Sequoia

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

❑ 680 Chesapeake Drive • Redwood City, CA 94063 • (415) 364-9600 FAX (415) 364-9233
❑ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
❑ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (510) 988-9600 FAX (510) 988-9673

Company Name: The Sutton Group		Project Name: Fuel Tanks	
Address: 51 Shuey Drive		Billing Address (if different): OLSD	
City: Moraga	State: CA	Zip Code: 94556	2000 Grant Ave San Lorenzo 94580
Telephone: 510 631-1068	FAX #: 510 631-1311	P.O. #:	
Report To: The Sutton Group	Sampler: Sutton	QC Data: ❑ Level D (Standard) ❑ Level C ❑ Level B ❑ Level A	

Turnaround Time: ❑ 10 Working Days ❑ 7 Working Days ❑ 5 Working Days ❑ 3 Working Days ❑ 2 Working Days ❑ 24 Hours ❑ 2 - 8 Hours

❑ Drinking Water ❑ Waste Water ❑ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Gas, BTEX, MTBE	Comments
1. EP1@ 6.5-7	3/7 0820	Soil	1	Tube			Hold
2. EP1@ 9.5-10	3/7 0930	Soil	1	Tube			Call us to FAX
3. EP2A@ 6.5-7	3/7 1040	Soil	1	Tube			
4. EP3@ 3-3.5	3/7	Soil	1	Tube	8		By lu
5. EP3@ 6.5-7	3/7 1045	Soil	1	Tube			
6. EP3@ 7.5-8	3/7 1115	Soil	1	Tube			
7. EP4@ 6.5-7	3/7 1150	Soil	1	Tube	9		
8. EP5@ 3.5-4	3/7 1300	Soil	1	Tube			
9. EP5@ 6-6.5	3/7 1330	Soil	1	Tube			
10. EP6@ 3.5-4	3/7 1415	Soil	1	Tube	10		

Relinquished By: RMorris	Date: 3/8/96	Time: 1520	Received By: Michael Kee	Date: 3-8-96	Time: 4:05
Relinquished By: Michael Kee	Date: 3-8-96	Time: 5:10	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date: 3/8/96	Time: 1711

Pink - Client
Yellow - Sequoia
White - Sequoia

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

☐ 680 Chesapeake Drive • Redwood City, CA 94063 • (415) 364-9600 FAX (415) 364-9233
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
☐ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (510) 988-9600 FAX (510) 988-9673

Company Name: The Sutford Group	Project Name: Fuel Tanks
Address: 41 Shirley Drive	Billing Address (if different): OLSD
City: Moraga State: CA Zip Code: 94556	2000 Grant Ave San Lorenzo 94580
Telephone: 510-631-1685 FAX #: 510-631-1371	P.O. #:
Report To: The Sutford Group Sampler: Sutford	QC Data: ☐ Level D (Standard) ☐ Level C ☐ Level B ☐ Level A

Turnaround Time: ☐ 10 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 24 Hours ☐ 2 - 8 Hours

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested: Gas BTEX MTBE

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Comments
1. EP6@ 3.5-4	3/7 1415	Soil	1	Tube		Hold
2. EP1@ 6.5-7	3/7 1440	Soil	1	Tube		Subst. Fax
3. EPD1@ 3.5-4	3/7 1550	Soil	1	Tube	11	[illegible] Fax
4. EPD1@ 6.5-7	3/7 1550	Soil	1	Tube	12	by 3/11
5. EPD2@ 3.5-4	3/7 1615	Soil	1	Tube	13	
6. EPD2@ 6-6.5	3/7 1620	Soil	1	Tube	14	
7. EPD2@ 9.5-10	3/7 1640	Soil	1	Tube		
8.						
9.						
10.						

Relinquished By: [signature]	Date: 3/8/96	Time: 1530	Received By: [signature]	Date: 3-8-96	Time: 4:25
Relinquished By: [signature]	Date: 3-8-96	Time: 5:10	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab: [signature]	Date: 3/8/96	Time: 1711

Pink - Client
Yellow - Sequoia
White - Sequoia