RUST ENVIRONMENT & INFRASTRUCTURE

Formerly DUNN Corporation

RUST Environment & Infrastructure Inc.
12 Metro Park Road
Albany, NY 12205
Tel. (518) 458-1313 • FAX (518) 458-2472

September 1, 1993

93 SEP -8 PM 4:26

Mr. Barney M. Chan
Hazardous Materials Specialist
Department of Environmental Health
80 Swan Way
Oakland, California 94621

Subject: American National Can Company
Oakland, California, Facility

Dear Mr. Chan:

In your August 20, 1993 letter to Ms. Judith Peters of the American National Can Company, you requested information pertaining to Areas 1 and 5 of the subject site so that you may make a decision regarding official "closure" of those areas. With this letter we are providing all of the information you requested. Three Attachments to this letter are summarized as follows:

Attachment 1: Area 1 Data

Includes a site map, test boring logs and analytical results for test borings SB-15, SB-20 and SB-21. Please note that soil boring SB-15 was converted into monitoring well MW-12. Also included is a copy of the UST closure report filed with the Alameda County Department of Environmental Health (ACDEH).

Attachment 2: Area 5 Data

Includes a site map, test boring logs and analytical results for test borings SB-14, SB-16, and recently completed boring B-2. Please note that soil boring SB-14 was converted into monitoring well MW-11.

Attachment 3: Groundwater Analytical Results

Includes summary tables and laboratory analytical reports for the April, 1991 and February, 1992 groundwater analytical results from wells MW-11 (Area 5) and MW-12 (Area 1). As approved by the ACDEH in a letter dated April 28, 1992, these wells were not sampled after February, 1992.

We hope that this will provide you with sufficient information for you to reach a favorable conclusion regarding the "closure" of these two areas of the site. If you have any questions, please contact me at (518) 458-1313.

Very truly yours,

Edward W. Alusow

Edward W. Alusow
Senior Project Manager

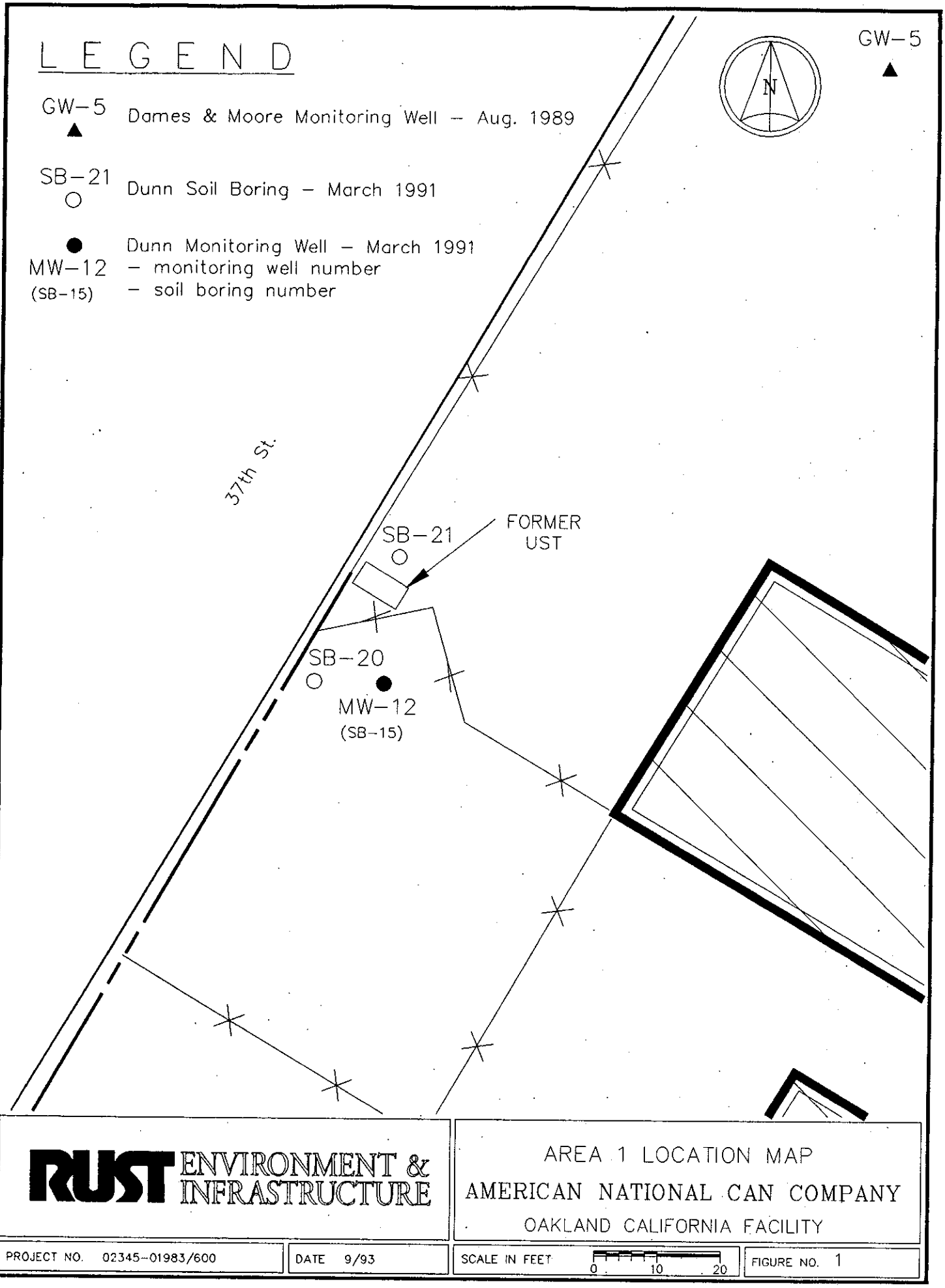
EWA/mhh

Attachments

c: J. Peters (w/o attachments)
J. Moran (w/o attachments)

ATTACHMENT 1

AREA 1 DATA



RUST ENVIRONMENT & INFRASTRUCTURE

AREA 1 LOCATION MAP
AMERICAN NATIONAL CAN COMPANY
OAKLAND CALIFORNIA FACILITY

PROJECT NO. 02345-01983/600	DATE 9/93	SCALE IN FEET 0 10 20	FIGURE NO. 1

A8985A1A

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-15

PROJECT	OAKLAND SUBSURFACE INVEST.					SHEET 1 OF 2	
CLIENT	AMERICAN NATIONAL CAN COMPANY					JOB No.	02345-01983
DRILLING CONTRACTOR	Exceltech Drilling					MEAS. PT. ELEV.	16.81
PURPOSE	Subsurface Soil Sampling					GROUND ELEV.	17.2
DRILLING METHOD	Hollow Stem Auger		SAMPLE	CORE	CASING	DATUM	Grade
DRILL RIG TYPE	Mobil B-61	TYPE	CS/SS		HSA	DATE STARTED	03/21/91
GROUNDWATER ELEV.	9.88'	DIA.	2.5"/2" OD		6 5/8" ID	DATE FINISHED	03/21/91
MEASURING POINT	Top of PVC	WEIGHT	140 #			DRILLER	Don Jenkins
DATE OF MEASUREMENT	4/16/91	FALL	30"			INSPECTOR	Walter Howard

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
					Concrete Cutting Co. cores through 10" of concrete; Auger to 1.5' through subgrade.		PID Background = 0.2, all readings in ppm.
2	S-1	5 7 8			Dk Gr bk $&C l, f S; org; mttld; disturbed; no odor; mod stiff Dark Gray black SILT & CLAY little, fine Sand.		Rec = 1.5' Damp PID Spoon = 0.8 HS = 9.4
4	S-2	3 6 11			Same 4.0':Br gr Cy$ S, mf + S; stiff; mttld; no odor		Rec = 0.9' Damp PID Spoon = 3.5 HS = NA
6	S-3	8 30 30			Same; G fgmts @ 5.0' Lab Analyzed 5.0 - 5.5.		Rec = 1.0' Dry PID Spoon = 4.0 HS = 11.4
	S-4	10 10 12			Gr br mf(+) G s, cmf S, t Cy$; loose; G sbrdd (-) sbang; no odor Gray brown medium to fine (+) GRAVEL some, medium to fine (+) Sand.		Rec = 1.0' Moist PID Spoon = 4.8 HS = 11.2
8	S-5	5 10 11			Gr br Cy$ a (+), cmf S, l (+) mf (+) G; very stiff; s blk inclusions; no odor; disturbed		Rec = 1.3' Damp PID Spoon = 3.8 HS = 11.4
	S-6	4 7			Lab Analyzed 9.0'-9.5' Dk Gn br cmf (+) S, l (+) $, l mf (+) G; mttld, poss disturbed; sm hydrocarbon odor (FILL)		Rec = 1.1' Moist PID Spoon = 4.8' HS = 38.0

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-15
PROJECT	OAKLAND SUBSURFACE INVEST.	SHEET 2 OF 2
CLIENT	AMERICAN NATIONAL CAN COMPANY	JOB No. 02345-01983

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
	S-7	9 7 10 7	CL/ML		Brown gray CLAYEY SILT and, coarse to fine Sand, little coarse to fine (+) Gravel.		Rec = 1.2' Moist/Wet PID Spoon = 5.8 HS = 10.2
					Br gr Cy$ a, cmf S, l cmf (+) G; sandier towards tip; mttld; no odor; Wet @ 11.25'		
12	S-8	6 6 10	SW CL/ML		Gr br cmf S, l $, l mf (+) G	4.7 12.5	Rec = 1.2'Wet PID Spoon = 4.4 HS = 12.0
					Gr br Cy$ a, mf (+) S; brown Fe stain at 12.8'		
14	S-9	5 5 5 10	SW/SW		Br cmf (+) S, s (-) $, s (+) mf (+) G; mod loose; no odor		Rec = 1.5' Wet PID Spoon = NA HS = 12.2
					Brown coarse to fine Sand, some (-) silt, some (+) medium to fine (+) Gravel.	1.7 15.5	
16	S-10	1 3 5 6	CH/MH		Br gr $&C t, f S; very stiff; hard; sm bk inclusions		Rec = 1.7' Moist PID Spoon = 1.5 HS = 11.6
					Brown gray SILT & CLAY trace, fine Sand.		
18					(FLUVIAL)	-0.8 18.0	
					Bottom of Boring Auger to 18.0' Installed Monitoring Well MW-12		

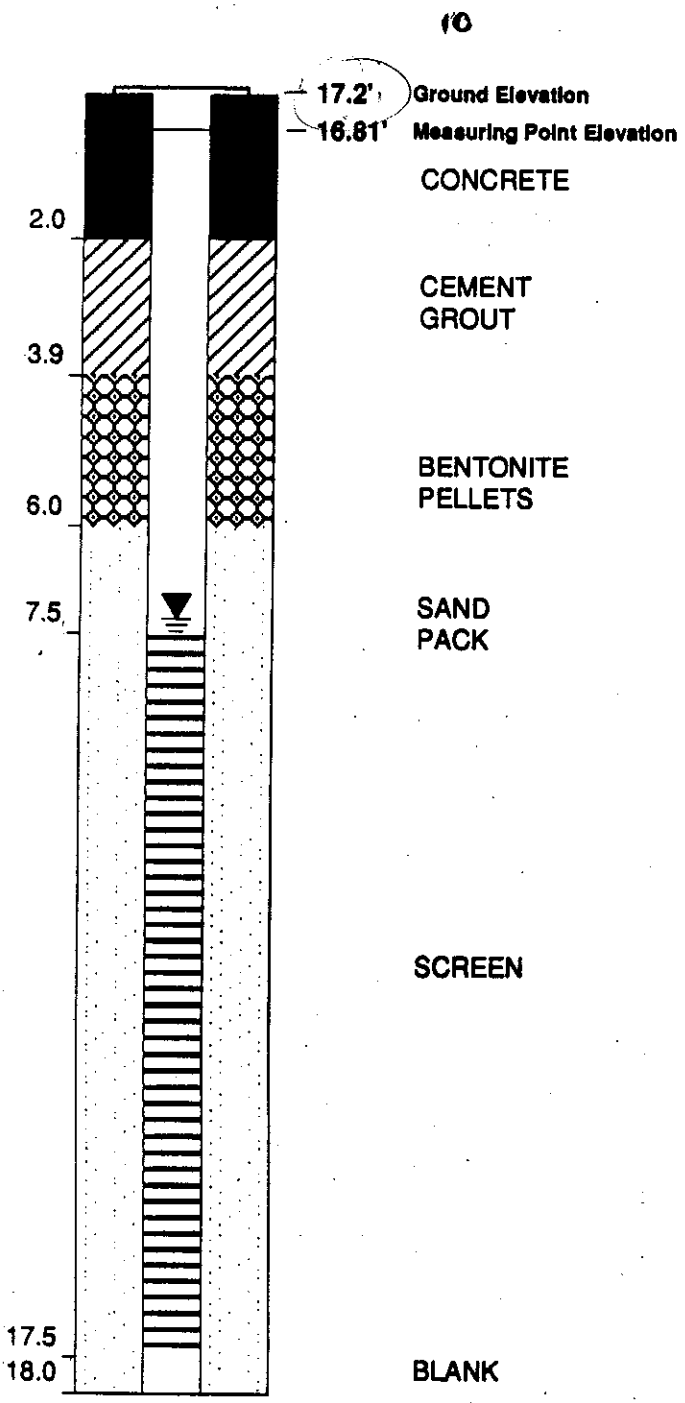
MONITORING WELL LOG

WELL NO. MW-12

DUNN GEOSCIENCE CORPORATION
ALBANY, NY 12205
(518) 458-1313

Project OAKLAND SUBSURFACE INVEST.
Client AMERICAN NATIONAL CAN COMPANY
Location OAKLAND, CA PLANT
Project No. 02345-01983
Date Drilled 03/21/91 to 03/21/91
Date Developed 3/26/91

WELL CONSTRUCTION DETAIL



INSPECTION NOTES

Inspector Walter Howard
Drilling Contractor Exceltech Drilling

Type of Well Groundwater Monitoring
Static Water Level Elev. 9.88' Date 4/16/91
Measuring Point (M.P.) Top of PVC
Total Depth of Well 18.'
Total Depth of Boring 18.0'

Drilling Method
Type Hollow Stem Auger Diameter 6 5/8" ID
Casing HSA

Sampling Method
Type CS/SS Diameter 2.5"/2" OD
Weight 140 # Fall 30"
Interval 1.5'-17.5' (continuous)

Riser Pipe Left in Place
Material Sch 40 PVC Diameter 4" ID
Joint Type Flush Threaded Length 7.5'

Screen
Material Sch 40 PVC Diameter 4" ID
Slot Size 0.020" Length 10.0'
Strat. Unit Screened

Filter Pack
Sand X Gravel Natural
Grade LONESTAR #2/12
Amount 6.5 Bags Interval 6.0'-18.0'

Seal(s)
Type Bentonite Pellets Interval 3.9'-6.0'
Type Cement Grout Interval 2.0'-3.9'
Type Interval

Locking Casing YES

Notes: Augered to 18.0'. Used 1.5 pails of bentonite pellets, 1.5 bags of cement, and 1.5 bags of concrete.

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-20

PROJECT	OAKLAND SUBSURFACE INVEST.				SHEET 1 OF 2	
CLIENT	AMERICAN NATIONAL CAN COMPANY				JOB No.	02345-01983
DRILLING CONTRACTOR	Exceltech Drilling				MEAS. PT. ELEV.	
PURPOSE	Subsurface Soil Sampling				GROUND ELEV.	16.8
DRILLING METHOD	Hollow Stem Auger	SAMPLE	CORE	CASING	DATUM	Grade
DRILL RIG TYPE	Dietrich D-25	TYPE	CS		DATE STARTED	03/26/91
GROUNDWATER ELEV.		DIA.	2.5" OD		DATE FINISHED	03/26/91
MEASURING POINT		WEIGHT	140 #		DRILLER	Rich Crews
DATE OF MEASUREMENT		FALL	30"		INSPECTOR	Walter Howard

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
					Concrete Cutting Co. cores through approximately 8" of concrete. Auger to 3.0' to be sure we are out of any footings.		PID Background = 0.4, all readings in ppm
2							
	S-1	6 12 13	ML/ SM		Br $ a, c (-) mf S; stiff; sm small blk inclusions <u>Brown SILT and, coarse (-) to fine Sand,</u>		Rec = 1.4' Dry PID Spoon = 5.5 HS = 16.5
4							
6	S-2	10 7 5			(FILL) Br cmf (+) S, l $, t f G; loose;	10.3	
8			SW/ SM		Gn gr cmf (+) S, s $; sm hydrocarbon like odor; mod stiff <u>**Lab Analyzed 6.5'-7.0'**</u> <u>Green gray coarse to fine (+) SAND, some Silt.</u> (FLUVIAL)	6.5	Rec = 1.1' Dry PID Spoon = 10.0 HS = 16.4 (6.0'-6.5')

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-20
PROJECT OAKLAND SUBSURFACE INVEST.		SHEET 2 OF 2
CLIENT AMERICAN NATIONAL CAN COMPANY		JOB No. 02345-01983

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
12	S-3	6 12 17	SW/ SM		Lab Analyzed 11.5'-12.0' Rd br cmf S, s $; t f G; mod stiff, odor Red brown coarse to fine SAND, some Silt, trace fine Gravel. (FLUVIAL)	4.3	Rec = 1.4' Wet PID Spoon = 10.0 HS = 440.0
					Bottom of Boring Auger to 11.0' Backfill boring to 9.0 with bentonite chips and then grout to surface.	12.5	

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-21

PROJECT	OAKLAND SUBSURFACE INVEST.				SHEET 1 OF 2	
CLIENT	AMERICAN NATIONAL CAN COMPANY				JOB No.	02345-01983
DRILLING CONTRACTOR	Exceltech Drilling				MEAS. PT. ELEV.	
PURPOSE	Subsurface Soil Sampling				GROUND ELEV.	17.1
DRILLING METHOD	Hollow Stem Auger		SAMPLE	CORE	CASING	DATUM	Grade
DRILL RIG TYPE	Dietrich D-25	TYPE	CS			DATE STARTED	03/26/91
GROUNDWATER ELEV.		DIA.	2.5" OD			DATE FINISHED	03/26/91
MEASURING POINT		WEIGHT	140 #			DRILLER	Rich Crews
DATE OF MEASUREMENT		FALL	30"			INSPECTOR	Walter Howard

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
					Auger to 3.0' before collecting first sample.		PID Background = 0.4, all readings in ppm
2							
	S-1	4 5 5	SM		Br cmf S, a Cy$, t f G; sm blk inclusions, mod stiff		Rec = 1.0' Dry PID Spoon = 6.5 HS = 10.0
4							
	S-2	7 8 9	SM		Br cmf (+) S, a $, t f G; mod stiff, no odor **<u>Lab Analyzed 6.5'-7.0'</u>**		Rec = 1.5' Moist PID Spoon = 6.0 HS = 12.5
6							
8					(FILL)	8.6	
						8.5	
					(FLUVIAL)		

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-21
PROJECT OAKLAND SUBSURFACE INVEST.		SHEET 2 OF 2
CLIENT AMERICAN NATIONAL CAN COMPANY		JOB No. 02345-01983

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
	S-3	10 18 24	SM/ SW		Br cmf S, l + $, tf G; sm odor		Rec = PID Spoon = 8.6 HS = 350.0
					(FLUVIAL)	5.6	
					Bottom of Boring Auger to 10.0' Backfill boring 5.0' with bentonite chips and then to the surface with cement grout.	11.5	

TABLE 4-3
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY

Summary of Soil Anlaytical Results - Area 1

Analysis/Compound	Boring No./Sample No./Depth					
	SB-15 S-3 5.25'	SB-15 S-6 9.25'	SB-20 S-2 6.75'	SB-20 S-3 11.75'	SB-21 S-2 6.75'	SB-21 S-3 10.75'
TPH as Gasoline (DHS method) (mg/kg)	nd	nd	nd	59	nd	**1.0**
BTEX (DHS Method) (mg/kg)						
Benzene	nd	nd	nd	nd	nd	nd
Toluene	nd	nd	nd	**0.17**	nd	nd
Ethylbenzene	nd	**0.007**	nd	**0.29**	nd	nd
Total Xylenes	nd	**0.009**	nd	**0.94**	nd	**0.016**
PID Headspace (ppm)	11.4	38.0	16.4	440	12.5	350.0

nd indicates compound was not detected.
Sample depth represents midpoint of 6-inch long sample tube in feet below grade.

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9103289
Matrix : SOIL
Date Sampled : 03/20 - 03/21/91

Project Number : 02345-01983
Date Released : 04/01/91

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# SB-13A S-1 -04	Sample I.D.# SB-13A S-4 -05	Sample I.D.# SB-15 S-3 -09	Sample I.D.# SB-15 S-6 -10	Sample I.D.# 08B0326A BLANK
Benzene	0.005	ND	ND	ND	ND	ND
Toluene	0.005	ND	ND	ND	ND	ND
Ethylbenzene	0.005	ND	ND	ND	0.007	ND
Total Xylenes	0.005	ND	ND	ND	0.009	ND
TPH as Gasoline	0.5	ND	ND	ND	ND	ND
% Surrogate Recovery		106%	83%	79%	95%	102%
Instrument I.D.		HP8	HP8	HP8	HP8	HP8
Date Analyzed		03/26/91	03/26/91	03/26/91	03/26/91	03/26/91
RLMF		1	1	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.
RLMF - Reporting Limit Multiplication Factor.
Anametrix Control limits for surrogate recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Irene Tursics 04-01-91
Analyst Date

Cheryl Balma 4/1/91
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9103332
Matrix : SOIL
Date Sampled : 03/26/91

Project Number : 02345-01983
Date Released : 04/04/91

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# SB-20 S-2 -05	Sample I.D.# SB-20 S-3 -06	Sample I.D.# SB-21 S-2 -07	Sample I.D.# SB-21 S-3 -08	Sample I.D.# 04B0401A BLANK
Benzene	0.005	ND	ND	ND	ND	ND
Toluene	0.005	ND	0.17	ND	ND	ND
Ethylbenzene	0.005	ND	0.29	ND	ND	ND
Total Xylenes	0.005	ND	0.94	ND	0.016	ND
TPH as Gasoline	0.5	ND	59	ND	1.0	ND
% Surrogate Recovery		91%	136%	122%	88%	97%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		04/01/91	04/03/91	04/01/91	04/02/91	04/01/91
RLMF		1	5	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.
RLMF - Reporting Limit Multiplication Factor.
Anametrix Control limits for surrogate recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 4.4.91 Date

Supervisor 4/4/91 Date

DUNN GEOSCIENCE CORPORATION

12 METRO PARK ROAD
ALBANY, NY 12205
(518) 458-1313
FAX (518) 458-2472

January 22, 1991

Ms. Judith Peters, Manager
American National Can Company
8770 W. Bryn Mawr Avenue
Chicago, Illinois 60631

Dear Ms. Peters:

Subject: Oakland, California Facility
UST Closure Report

Please find the attached underground storage tank closure report corresponding to the 500 gallon gasoline underground storage tank at the Oakland, California facility. This report consists of analytical results of post-excavation samples and samples collected from the stockpile of excavated material. In addition, this report also includes copies of chain of custody records and manifests documenting the disposal of the underground storage tank, it's contents and excavated material.

Following your review and approval, a copy of this report should be forwarded to the following agencies:

1. Ms. Cynthia Chapman
Alameda County Health Care Services Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way
Room 200
Oakland, California 94621

2. Mr. Lester Feldman
San Francisco Bay Regional Water Control Board
1800 Harrison Street
Suite 700
Oakland, California 94612

If you have any questions, comments or require additional information, please contact me or John K. Brust at (518) 458-8931.

Very truly yours,

DUNN GEOSCIENCE CORPORATION

Joseph S. Besca
Manager of Remedial Services

for John K. Brust
Regional Director,
Environmental Services Division

Site Name: American National Can Company

Site Address: 3801 East 8th Street
Oakland, CA 94601

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)	
500 Gallon Gasoline Underground Storage	Gasoline	Sample #1: 8 feet below grade (within 2 feet from the bottom of the tank).	Gasoline	350 mg/kg
			Benzene	140 ug/kg
			Toluene	150 ug/kg
			Ethylbenzene	550 ug/kg
			Total Xylenes	730 ug/kg
			Lead	8.50 mg/kg
		Sample #2: 10 feet below grade	Gasoline	1300 mg/kg
			Benzene	650 ug/kg
			Toluene	300 ug/kg
			Ethylbenzene	9800 ug/kg
			Total Xylenes	150 ug/kg
			Lead	9.03 mg/kg
		Sample #3: 12 feet below grade	Gasoline	4.9 mg/kg
			Benzene	7.5 ug/kg
			Toluene	N.D.
			Ethylbenzene	N.D.
			Total Xylenes	N.D.
			Lead	5.8 mg/kg
		SP-1: Stockpiled Excavation Material	Gasoline	57 mg/kg
			Benzene	N.D.
			Toluene	46 ug/kg
			Ethylbenzene	100 ug/kg
			Total Xylenes	98 ug/kg
			Lead	20.7 mg/kg
			Oil & Grease	N.D.
			TCLP Lead	0.36 mg/L

Note:

SP-1 - Four samples were collected from the stockpiled material and were composited in the laboratory prior to analysis.

UNIVERSAL ENGINEERING INCORPORATED

SAMPLE CHAIN OF CUSTODY / WORK ORDER

Client's Name: Universal Engineering — Phone: 707-746-6699

Address: 610 Industrial Way B

City, State, Zip: Benicia CA

Client's or Representative's Signature: [signature]

(signature authorizes the work and terms listed below)

*Terms: Payment is due within 30 days of invoice. A service charge of 1.5% will be added to overdue accounts.

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

PROJ NO	PROJECT NAME					NO OF CONTAINERS	TCLP Lead	Oil & Grease					REMARKS
	BAM National Grn [illegible]												
SAMPLERS (Signature)	[signature]												
STA NO	DATE	TIME	COMP	GRAB	STATION LOCATION								
3	12-7	900	X			1	✓	✓					Same tests as other 2 samples taken at center of hole 14 ft above
													24 hr total around

CHROMALAB FILE # 1290024

Zack Camacho

Relinquished by (Signature)	Date	Time	Received by (Signature)	
[signature]	12-7	11:00	[signature]	DRIVING TIME: START 11:10 FINISH 11:40 TOTAL 30 m
[signature]	12-7	11:40	[signature]	SITE TIME: START FINISH TOTAL
Relinquished by (Signature)	Date	Time	Received by (Signature)	TOTAL TIME FEES/HOUR/MILE

AN-15-91 TUE 14:38 415-831-[illegible]

UNIVERSAL ENGINEERING INCORPORATED

Chromalab
2239 Omega Rd., #2 (add to project # 1579)
San Ramon, CA 94583
415-831-1788

SAMPLE CHAIN OF CUSTODY WORK ORDER CHROMALAB FILE # 1290018

American Metal Can Co.
4301 8th St.
Oakland, CA

Sample	Date	Time			Description	No. of Containers	TCLP Pb only	TPH 503.E	Composite all into 1 sample				Remarks
AMC009	12/5	10:00		X	well / drum sample	3	X	X	X				Routine
Comp 1	12/5	11:00	X		water drums	3	X	X	X				"
Comp 2/3	12/5	12:00	X		soil drums	2	X	X	X				"
SP 1	12/5	14:00		X	stock pile	4	X	X	X				24 hour rush

Sampler: ANC / W. Clemens

Relinquished by (Signature)	Date	Time	Received by (Signature)
[signature]	12/5/90	18:00	[signature]
[signature]	12/6/90	11:40	
[signature]	12/6/90	12:30 pm	

JAN-15-91 TUE 14:32 415-831-8795

UNIVERSAL ENGINEERING INCORPORATED

CHROMALAB FILE # 1290006

SAMPLE CHAIN OF CUSTODY / WORK ORDER

Client's Name: UNIVERSAL ENGINEERING Phone 707-746-66[illegible]

Address: 6[illegible] INDUSTRIAL WAY BENICIA

City, State Zip

Client's or Representative's Signature [signature]

(signature authorizes the work and terms listed below)

*Terms: Payment is due within 30 days of invoice. A service charge of 1.5% will be added to overdue accounts.

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

PROJ NO	PROJECT NAME
1579	AMERICAN NATIONAL CAN

SAMPLERS (Signature)

STA NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO OF CONTAINERS							REMARKS
1	12-4	1:30	X		EAST END OF HOLE 8 FT	1							TPH-G MOD 5030
2	12-4	1:30	X		EAST END OF HOLE 10 FT	1							BTEX 8020 OR 8240
													TOTAL LEAD BY A.A.
													24 HR TURN AROUND

Relinquished by (Signature)	Date	Time	Received by (Signature)	DRIVING TIME
[signature]	12-4	2:30	C. P. Devol	START 2:45 FINISH 3:15 TOTAL 3/4 HR
C. P. Devol	12-4	3:20	[signature]	SITE TIME START FINISH TOTAL
				TOTAL TIME FEES/HOUR/MILE

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

December 7, 1990 ChromaLab File No.: 1290018

UNIVERSAL ENGINEERING, INC.

Attn: Richard Camacho

RE: One rush composited soil sample for TCLP Lead and Oil & Grease analyses

Project Name: AMERICAN NATIONAL CAN
Project Number: 1579
Date Sampled: Dec. 5, 1990 Date Submitted: Dec. 6, 1990
Date Extracted: Dec. 6-7, 1990 Date Analyzed: Dec. 6-7, 1990

RESULTS:

Sample No.	Oil & Grease (mg/Kg)	TCLP Lead (mg/L)
SP1	N.D.	0.36
BLANK	N.D.	N.D.
SPIKED RECOVERY	----	87.4%
DETECTION LIMIT	10	0.10
METHOD OF ANALYSIS	5520 D&F	3010/7420

ChromaLab, Inc.

David Duong
Senior Chemist

Eric Tam
Laboratory Director

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

December 18, 1990 ChromaLab File No.: 1290018

UNIVERSAL ENGINEERING, INC.

Attn: Joe Lynch/Joe Besca

RE: One soil sample for Gasoline/BTEX and total Lead analyses

Project Name: AMERICAN NATIONAL CAN
Project Number: 1579
Date Sampled: Dec. 5, 1990 Date Submitted: Dec. 6, 1990
Date Extracted: Dec. 16-17,1990 Date Analyzed: Dec. 16-17,1990

RESULTS:

Sample No.	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)	Lead (mg/Kg)
SP-1	57	N.D.	46	100	98	20.7
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	87.2%	88.5%	95.4%	87.1%	96.0%	99.3%
DETECTION LIMIT	1.0	5.0	5.0	5.0	5.0	0.05
METHOD OF ANALYSIS	5030/ 8015	8020	8020	8020	8020	7420

ChromaLab, Inc.

David Duong
Senior Chemist

Eric Tam (by pp)
Eric Tam
Laboratory Director

2239 Omega Road, #1 • San Ramon, California 94583
415/831-1788 • Facsimile 415/831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

December 5, 1990

ChromaLab File No.: 1290006

UNIVERSAL ENGINEERING

Attn: Richard Camacho

RE: Two rush soil samples for Gasoline/BTEX and total Lead analyses

Project Name: AMERICAN NATIONAL CAN
Project Number: 1579
Date Sampled: Dec. 4, 1990
Date Extracted: Dec. 4-5, 1990
Date Submitted: Dec. 4, 1990
Date Analyzed: Dec. 4-5, 1990

RESULTS:

Sample No.	Gasoline (mg/Kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethyl Benzene (µg/Kg)	Total Xylenes (µg/Kg)	Lead (mg/Kg)
1	350	140	150	550	730	8.50
2	1300	650	300	9800	150	9.03
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	104.7%	105.5%	98.6%	91.0%	93.0%	101.0%
DETECTION LIMIT	1.0	5	5	5	5	0.05
METHOD OF ANALYSIS	5030/ 8015	8020	8020	8020	8020	5520 D&F

ChromaLab, Inc.

David Duong
Senior Chemist

Eric Tam
Laboratory Director

CHROMALAB, INC.

Analytical Laboratory
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

December 12, 1990 ChromaLab File No.: 1290024

UNIVERSAL ENGINEERING, INC.

Attn: Richard Camacho

RE: One rush soil sample for Gasoline/BTEX and total Lead analyses

Project Name: AMERICAN NATIONAL CAN
Date Sampled: Dec. 7, 1990 Date Submitted: Dec. 7, 1990
Date Extracted: Dec. 11-12, 1990 Date Analyzed: Dec. 11-12, 1990

RESULTS:

Sample No.	Gasoline (mg/Kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethyl Benzene (µg/Kg)	Total Xylenes (µg/Kg)	Lead (mg/Kg)
#3	4.9	7.5	N.D.	N.D.	N.D.	5.8
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	87.2%	88.5%	95.4%	87.1%	96.0%	98.7%
DETECTION LIMIT	1.0	5	5	5	5	0.05
METHOD OF ANALYSIS	5030/ 8015	8020	8020	8020	8020	7420

ChromaLab, Inc.

David Duong
Senior Chemist

Eric Tam
Laboratory Director

2239 Omega Road, #1 • San Ramon, California 94583
415/831-1788 • Facsimile 415/831-8798

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD00[illegible]
Manifest Document No.
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
American National Can Co.
[illegible] 8th Street, Oakland, CA 94[illegible]

4. Generator's Phone (510) 45[illegible]-1313

5. Transporter 1 Company Name
Universal Engineering [illegible]
6. US EPA ID Number [illegible]

7. Transporter 2 Company Name
ER NUMBER: [illegible]
8. US EPA ID Number

9. Designated Facility Name and Site Address
Kettleman Hills Disposal Facility
CWMI
35251 Old Skyline Rd
Kettleman City, CA 93239
10. US EPA ID Number
CAD000646117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA Hazardous Waste Solid: Contaminated soil	001	DT	[illegible]7900	P
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above [illegible]

K. Handling Codes for Wastes Listed Above
03

15. Special Handling Instructions and Additional Information
Mailing Address
American National Can Co
8770 Bryn Mawr Ave
Chicago IL 60631
[illegible]
[illegible] Washout Water/[illegible]
(505) [illegible]

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name [illegible] | Signature [illegible] | Month Day Year [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Tim [illegible] | Signature [illegible] | Month Day Year [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space
[illegible]

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Ernest J Alcahulcoty | Signature [illegible] | Month Day Year [illegible]

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

GREEN: HAULER RETAINS

State of California—Health and Welfare Agency 1C701Q
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD009162116 Manifest Document No. 17174
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
American National Can Co.
3801 East 8th Street
Oakland, CA 94601
4. Generator's Phone (818) 458-1313

A. State Manifest Document Number [redacted]
B. State Generator's ID [redacted]

5. Transporter 1 Company Name: Universal Engineering Inc.
6. US EPA ID Number: CAT080013352
C. State Transporter's ID [redacted]
D. Transporter's Phone [redacted]

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID [redacted]
F. Transporter's Phone [redacted]

9. Designated Facility Name and Site Address
Kettleman Hills Disposal Facility (CWM)
35251 Old Skyline Rd
Kettleman City, CA 93239
10. US EPA ID Number: CAT000646117
G. State Facility's ID [redacted]
H. Facility's Phone [redacted]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non RCRA Hazardous waste Solids (contaminated Soil)	001	DT	3136	P	State [redacted] EPA/Other [redacted]
b.					State [redacted] EPA/Other [redacted]
c.					State [redacted] EPA/Other [redacted]
d.					State [redacted] EPA/Other [redacted]

J. Additional Descriptions for Materials Listed Above [redacted]
K. Handling Codes for Wastes Listed Above [redacted]

15. Special Handling Instructions and Additional Information
[illegible] American National Can Co. [illegible]
In case of Emergency [illegible] CHEM[illegible]
(602) 650-9781

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month Day Year
[illegible] Potter	[signature]	01 11 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
[illegible]	[signature]	01 11 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year
Ernest J. Archuleta	[signature]	01 11 91

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

90134979[illegible]

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

GREEN: HAULER RETAINS

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch) typewriter).

See Instructions on Back of Page 5 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD009162116 | Manifest Document No. 000482 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
AMERICAN NATIONAL CAN COMPANY
3801 EAST 8th ST. OAKLAND, CALIFORNIA 94601

A. State Manifest Document Number 90133982

B. State Generator's ID

4. Generator's Phone (415) 536-2410

5. Transporter 1 Company Name: UNIVERSAL ENGINEERING | 6. US EPA ID Number: CAT080013469 | C. State Transporter's ID 107239 | D. Transporter's Phone 707-746-6995

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address
ERICKSON INC.
255 PARR BLVD.
RICHMOND, CALIF. 94801

10. US EPA ID Number: CAD009466392 | G. State Facility's ID: CAD009466392 | H. Facility's Phone: 415-235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. * WASTE EMPTY STORAGE TANK NON-RCRA HAZARDOUS WASTE SOLID	001	TP	00600	P	State 512 EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
QTY 2 1 EMPTY STORAGE TANK 500 GALLON HAS BEEN INERTED WITH 100 lbs OF DRY ICE.
PURGE

K. Handling Codes for Wastes Listed Above
a. 01 b. c. d.

15. Special Handling Instructions and Additional Information KEEP AWAY FROM SOURCES OF IGNITION, ALWAYS WEAR HARDHATS WHEN WORKING AROUND USTs. PLEASE MAIL GENERATOR COPIES OF MANIFEST TO; AMERICAN NATIONAL CAN COMPANY 8770 W. BRYN MAWR AVE. CHICAGO, ILLINOIS 60631 ATTN: J. PETERS

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: J. Peters | Signature: J. Peters | Month 12 Day 04 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Derek D Bohannon | Signature: Derek D. Bohannon | Month 12 Day 04 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: DONALD H ERICKSON JR | Signature | Month 12 Day 04 Year 90

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR | TRANSPORTER | FACILITY

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

White: TSDF [illegible] THIS COPY TO DTSC WITHIN 30 DAY
Yellow: P.O. Box 30[illegible] Sacramento, CA 95812

See instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

...ealth and Welfare Agency
OMB No. 2050—0039 (Expires 9-30-91)
...Form designed for use on elite (12-pitch) typewriter.

...FORM HAZARDOUS ...ASTE MANIFEST

1. Generator's US EPA ID No. CAD009162116	Manifest Document No. 09958	2. Page 1 of 1
Information in the shaded areas is not required by Federal law		
A. State Manifest Document Number 90133958		
B. State Generator's ID		

...enerator's Name and Mailing Address
...MERICAN NATIONAL CAN COMPANY
...01 EAST 8TH ST, OAKLAND, CALIFORNIA 94601
...enerator's Phone 415 536-2410

...ransporter 1 Company Name: ...IVERSAL ENGINEERING	6. US EPA ID Number: CAT080013469	C. State Transporter's ID 107154
		D. Transporter's Phone 707-746-6699
...ransporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
...esignated Facility Name and Site Address: ...BSON OIL ...COMMERCIAL DRIVE ...AKERSFIELD CALIF 93308	10. US EPA ID Number: CAD980993177	G. State Facility's ID CAD980883177
		H. Facility's Phone 805-327-0413

... DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
~~... WASTE GASOLINE (D001, D018)~~ HAZARDOUS WASTE LIQUID CLW ~~... LIQUID ... 1203~~	001	TT	469	G	State 241 GW; EPA/Other ~~D001~~ D018
					State; EPA/Other
					State; EPA/Other
					State; EPA/Other

...dditional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. 01 b.
c. d.

0010-1

15. Special Handling Instructions and Additional Information
PLEASE MAIL GENERATOR'S COPIES OF MANIFEST TO: ACT. GAL. RCVD. = 402.23
AMERICAN NATIONAL CAN CO.
8770 W. BRYN MAWR AVE., CHICAGO, ILL. 60631 ATTN: J. PETERS

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month Day Year
J. Peters	J. Peters	1 20 4 90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Glen Williams	Glen Williams	1 20 4 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year
Michael Kluthem	[signature]	1 20 4 90

Do Not Write Below This Line

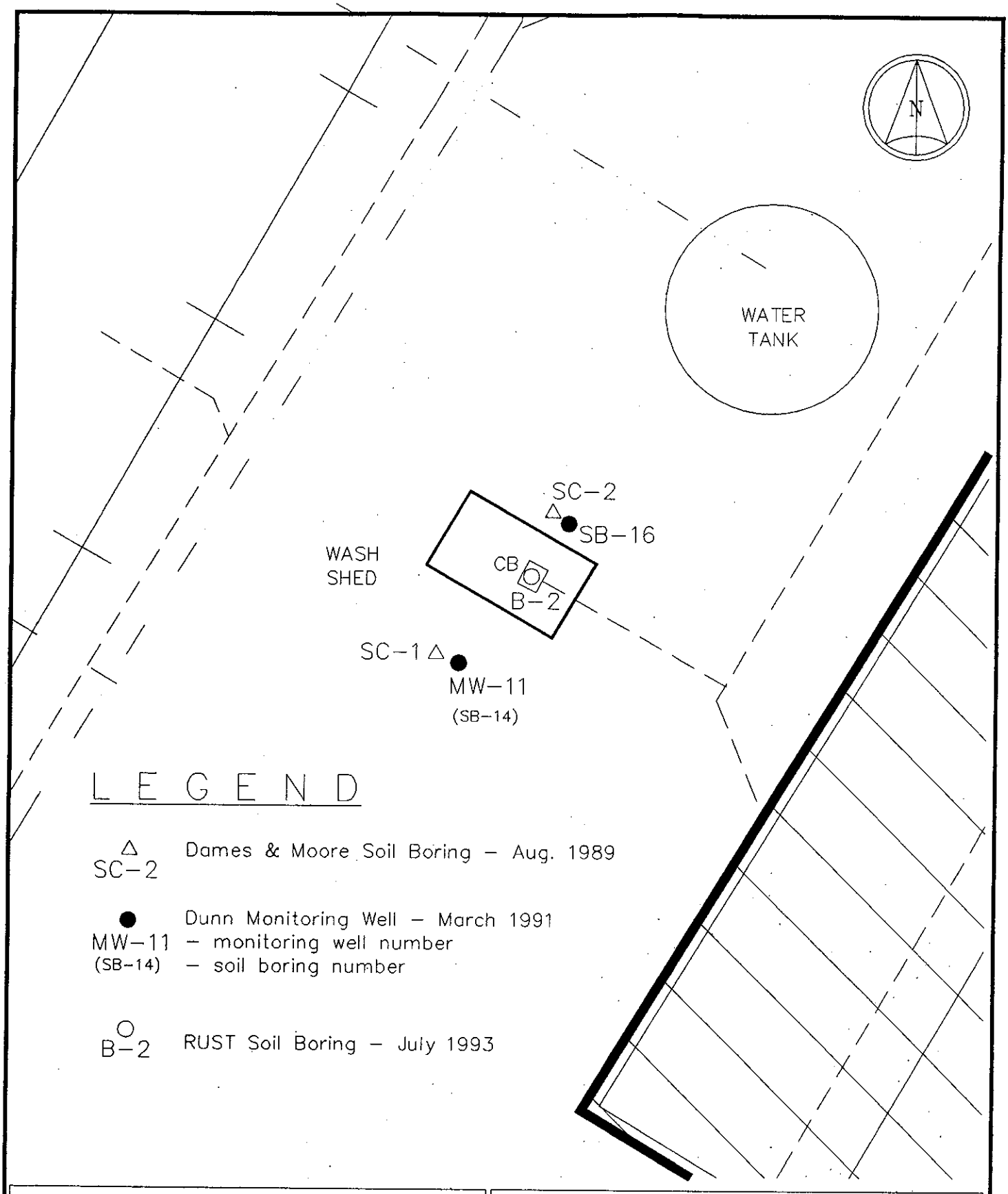
...(1/88)
...22
...) Previous editions are obsolete.

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento, CA 95812

TOTAL P.02

ATTACHMENT 2

AREA 5 DATA



LEGEND

SC-2 △ — Dames & Moore Soil Boring – Aug. 1989

MW-11 ● (SB-14) — Dunn Monitoring Well – March 1991
– monitoring well number
– soil boring number

B-2 ○ — RUST Soil Boring – July 1993

RUST ENVIRONMENT & INFRASTRUCTURE

AREA 5 LOCATION MAP

AMERICAN NATIONAL CAN COMPANY

OAKLAND CALIFORNIA FACILITY

PROJECT NO. 02345-01983/600	DATE 9/93	SCALE IN FEET 0 10 20	FIGURE NO. 2

A8985A5B

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-14
PROJECT: OAKLAND SUBSURFACE INVEST.		SHEET 2 OF 2
CLIENT: AMERICAN NATIONAL CAN COMPANY		JOB No. 02345-01983

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
		11			Brown coarse to fine Sand, trace Silt, little fine Gravel.		
		11	SW		Br cm (+) f S, t $, l f G; loose		Rec 1.4' Moist PID Spoon = 10.8 HS = 9.4
	S-7	8				3.9	
		11	CL		Br gr Cy$ l, mf (+) S, t f G; stiff; dense; same blk inclusions	11.2	
12					Br gr Cy$ a, mf (+) S; stiff; dense		
		4					Rec = 1.7' Moist PID Spoon = NA HS = 11.0
	S-8	4			Brown Gray CLAYEY SILT and, medium to fine (+) Sand.		
		6					
		10					
14					Br $ a (-), c(-) mf (+) S, t f G; mod stiff, sm blk inclusions		
		3					Rec = 1.5' Moist PID Spoon = NA HS = 10.6
	S-9	7	ML				
		10					
		8	ML		Gr br $ a, cmf (+) S; mod stiff 15.7' Gr br cmf S, l (-) $, l mf(+) G		Rec = 1.5' Moist PID Spoon = NA HS = 7.9
16	S-10	10				-1.2	
		13	SP/SM		Gr br mf S, l (+) $; seams of Cy$	16.3	
		9			Gr rd br cm (+) f S, l (-) $, t f G; loose		Rec = 1.8' Wet PID Spoon = NA HS = 9.8
		5					
18	S-11	5			Gray red brown coarse to fine SAND, little Silt, trace fine Gravel.		
		7	CL		Gr Cy$ a (+), mf (+) S, s (-) mf G; stiff	-3.5 18.6	
					(FLUVIAL)	3.9	
					Bottom of Boring Auger to 19.0' Installed Monitoring Well MW-11	19.0	

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-14

PROJECT	OAKLAND SUBSURFACE INVEST.					SHEET 1 OF 2	
CLIENT	AMERICAN NATIONAL CAN COMPANY					JOB No.	02345-01983
DRILLING CONTRACTOR	Exceltech Drilling					MEAS. PT. ELEV.	14.49
PURPOSE	Subsurface Soil Sampling-Monitoring Well Install.					GROUND ELEV.	15.1
DRILLING METHOD	Hollow Stem Auger		SAMPLE	CORE	CASING	DATUM	Grade
DRILL RIG TYPE	Mobil B-61	TYPE	CS/SS		HSA	DATE STARTED	03/21/91
GROUNDWATER ELEV.	3.62'	DIA.	2.5"/2" OD		6 5/8" ID	DATE FINISHED	03/21/91
MEASURING POINT	Top of PVC	WEIGHT	140 #			DRILLER	Don Jenkins
DATE OF MEASUREMENT	4/16/91	FALL	30"			INSPECTOR	Walter Howard

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
					Auger through Asphalt		HNU Background = 0.4, all readings in ppm.
2	S-1	5 7 11	CH		DK GR bk $&C l, mf (+) S; stiff; no odor Dark gray black SILT & CLAY little, medium to fine (+) Sand.		Rec = 1.2' Dry PID Spoon = 1.2 HS = 9.2
4	S-2	4 9 13			Same		Rec = 0.5' Dry PID Spoon = NA HS = NA
					(TIDAL MARSH)	10.6	
	S-3	10 18 17	CL		Br gr Cy$ a , mf (+) S; very stiff; fines are siltier towards tip. Lab Analyzed 5.0'-5.5'	4.5	Rec = 1.0' Dry PID Spoon = 10.0 HS = 8.8
6	S-4	10 15 21	SW		Same 6.5'; LT gr br cmf S, l $, t mf (+) G; very stiff		Rec = 1.2' Damp PID Spoon = 7.6 HS = 8.0
8	S-5	6 7 13	SM		Br cmf (+) S, a$, t f G; mod loose Brown coarse to fine (+) SAND, and Silt, trace fine Gravel.		Rec = 1.3' Moist PID Spoon = NA HS = 9.2
	S-6	5 7			Same Lab Analyzed 9.5'-10.0' (FLUVIAL)		Rec 1.3' Moist PID Spoon = 11.6 HS = 8.8

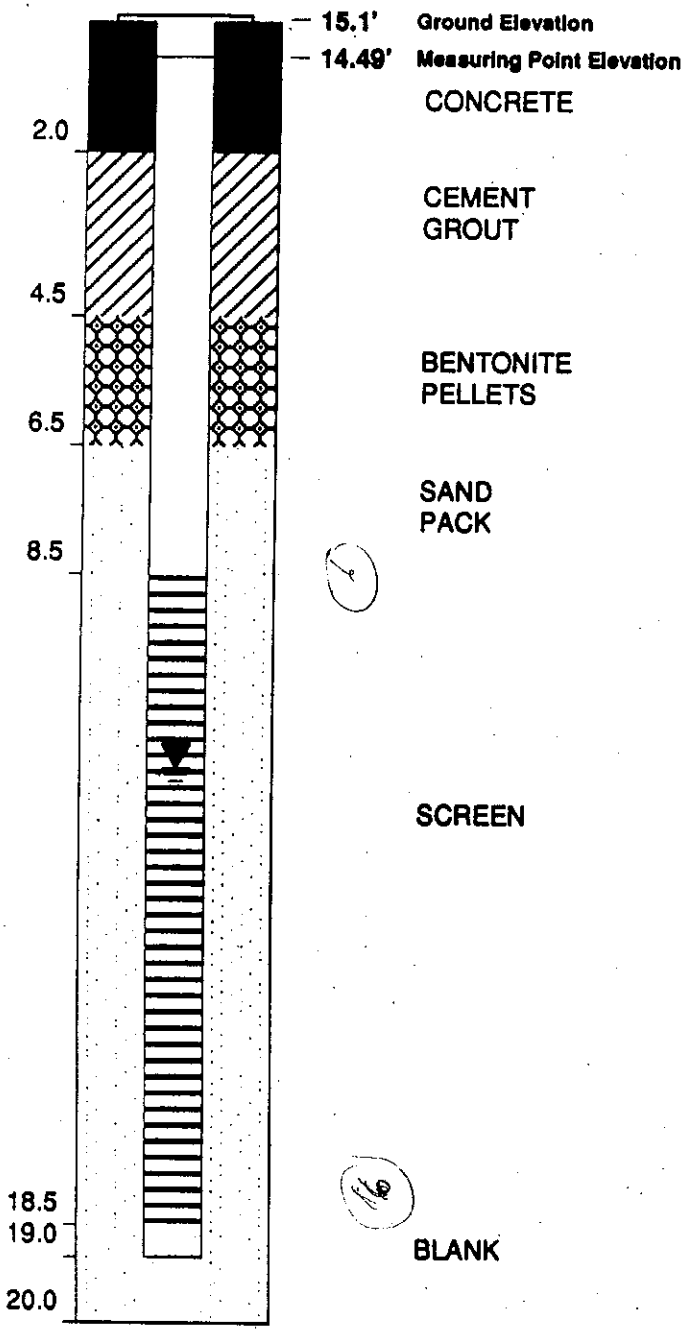
MONITORING WELL LOG

WELL NO. MW-11

DUNN GEOSCIENCE CORPORATION
ALBANY, NY 12205
(518) 458-1313

Project OAKLAND SUBSURFACE INVEST.
Client AMERICAN NATIONAL CAN COMPANY
Location OAKLAND, CA PLANT
Project No. 02345-01983
Date Drilled 03/21/91 to 03/21/91
Date Developed 3/25/91

WELL CONSTRUCTION DETAIL



INSPECTION NOTES

Inspector Walter Howard
Drilling Contractor Exceltech Drilling
Type of Well Groundwater Monitoring
Static Water Level Elev. 3.62' Date 4/16/91
Measuring Point (M.P.) Top of PVC
Total Depth of Well 19.0'
Total Depth of Boring 20.0'

Drilling Method
Type Hollow Stem Auger Diameter 6 5/8" ID
Casing HSA

Sampling Method
Type CS/SS Diameter 2.5"/2" OD
Weight 140 # Fall 30"
Interval 1.5'-20.0' (continuous)

Riser Pipe Left in Place
Material Sch 40 PVC Diameter 4" ID
Joint Type Flush Threaded Length 8.5'

Screen
Material Sch 40 PVC Diameter 4" ID
Slot Size 0.020" Length 10.0'
Strat. Unit Screened

Filter Pack
Sand X Gravel Natural
Grade LONESTAR #2/12
Amount 6.5 Bags Interval 6.5'-20.0'

Seal(s)
Type Bentonite Pellets Interval 4.5'-6.5'
Type Cement Grout Interval 2.0'-4.5'
Type Interval

Locking Casing YES

Notes: Auger to 19.0'. Used 1.5 pails of bentonite pellets, 2 bags of cement, and 1.5 bags of concrete.

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-16

PROJECT	OAKLAND SUBSURFACE INVEST.				SHEET 1 OF 2	
CLIENT	AMERICAN NATIONAL CAN COMPANY				JOB No.	02345-01983
DRILLING CONTRACTOR	Exceltech Drilling				MEAS. PT. ELEV.	
PURPOSE	Subsurface Soil Sampling-Monitoring Well Install.				GROUND ELEV.	15.2
DRILLING METHOD	Hollow Stem Auger		SAMPLE	CORE	CASING	DATUM Grade
DRILL RIG TYPE	Dietrich D-25	TYPE	CA/SS			DATE STARTED 03/22/91
GROUNDWATER ELEV.		DIA.	2.5"/2" OD			DATE FINISHED 03/22/91
MEASURING POINT		WEIGHT	140 #			DRILLER Don Jenkins
DATE OF MEASUREMENT		FALL	30"			INSPECTOR Walter Howard

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
	S-1	3 5 5	CH/MH		Gr gn mf + S, a Cy$, t mf G; stiff (FILL)	14.2	Rec = 1.2' Dry PID Spoon = 5.0 HS = 14.5
					Bk $&C; org; rts; stiff	1.0	Rec = 1.0' Moist PID Spoon = 9.0 HS = 14.9
2	S-2	3 5 7			Same Black Silt & Clay.		
	S-3	7 8 12	CL		Bk Cy$; org; very stiff		Rec = 1.2' Dry PID Spoon = 9.5 HS = 14.4
4					(TIDAL MARSH)	10.7	
	S-4	7 15 20	SM		Gr br mf (+) S, a $; stiff Lab Analyzed 5.0'-5.5'	4.5	Rec = 1.0' Dry PID Spoon = 10.2 HS = 14.5
6	S-5	8 10 11	SM		Br $ s (-), mf (+) S; stiff Brown medium to fine (+) SAND, and Silt.		Rec = 1.2' Dry PID Spoon = 10.2 HS =
	S-6	5 8 8	SM		Br mf (+) S, s(-) $; mod stiff, sm bk inclusions		Rec = 1.2' Moist PID Spoon = 9.8 HS = NA
8	S-7	7 10			Lab Analyzed 9.5'-10.0' (FLUVIAL)		Rec = 1.2' very Moist PID Spoon = 9.5 HS = NA

Dunn Geoscience Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-16
PROJECT OAKLAND SUBSURFACE INVEST.		SHEET 2 OF 2
CLIENT AMERICAN NATIONAL CAN COMPANY		JOB No. 02345-01983

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
		14				4.7	
					Bottom of Boring Auger to 9.0'	10.5	

TABLE 4-7
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY

Summary of Soil Analytical Results - Area 5

Analysis/Compound	Boring No./Sample No./Depth			
	SB-14 S-3 5.25'	SB-14 S-6 9.75'	SB-16 S-4 5.25'	SB-16 S-7 9.75'
VOC (8240) (ug/kg)				
Dilution Factor	1.00	1.00	1.00	1.00
Result (Total)	nd	nd	nd	nd
TIC (Total)	nd	nd	- -	- -
PID Headspace (ppm)	8.8	8.8	14.5	na
TPH (418.1) (mg/Kg)	3.3	2.7	6.7	3.3

nd indicates compound was not detected.
- - indicates compound was not analyzed for.
TIC = Tentatively Identified Compounds
sample depth represents the midpoint of a 6-inch long sample tube in feet below grade

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : SB-14 S-
Matrix : SOIL
Date Sampled : 3/21/91
Date Analyzed : 4/ 1/91
Instrument ID : F1

Anametrix ID : 9103289-07
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	CHLOROMETHANE	10.	ND	U
75-01-4	VINYL CHLORIDE	10.	ND	U
74-83-9	BROMOMETHANE	10.	ND	U
75-00-3	CHLOROETHANE	10.	ND	U
75-69-4	TRICHLOROFLUOROMETHANE	5.	ND	U
75-35-4	1,1-DICHLOROETHENE	5.	ND	U
76-13-1	TRICHLOROTRIFLUOROETHANE	5.	ND	U
67-64-1	ACETONE	20.	ND	U
75-15-0	CARBON DISULFIDE	5.	ND	U
75-09-2	METHYLENE CHLORIDE	5.	ND	U
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	ND	U
67-66-3	CHLOROFORM	5.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	5.	ND	U
56-23-5	CARBON TETRACHLORIDE	5.	ND	U
71-43-2	BENZENE	5.	ND	U
107-06-2	1,2-DICHLOROETHANE	5.	ND	U
79-01-6	TRICHLOROETHENE	5.	ND	U
78-87-5	1,2-DICHLOROPROPANE	5.	ND	U
75-27-4	BROMODICHLOROMETHANE	5.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	ND	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	5.	ND	U
108-10-1	4-METHYL-2-PENTANONE	10.	ND	U
108-88-3	TOLUENE	5.	ND	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	5.	ND	U
79-00-5	1,1,2,-TRICHLOROETHANE	5.	ND	U
127-18-4	TETRACHLOROETHENE	5.	ND	U
591-78-6	2-HEXANONE	10.	ND	U
124-48-1	DIBROMOCHLOROMETHANE	5.	ND	U
108-90-7	CHLOROBENZENE	5.	ND	U
100-41-4	ETHYLBENZENE	5.	ND	U
1330-20-7	XYLENE (TOTAL)	5.	ND	U
100-42-5	STYRENE	5.	ND	U
75-25-2	BROMOFORM	5.	ND	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	5.	ND	U
541-73-1	1,3-DICHLOROBENZENE	5.	ND	U
106-46-7	1,4-DICHLOROBENZENE	5.	ND	U
95-50-1	1,2-DICHLOROBENZENE	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : SB-14 S-
Matrix : SOIL
Date Sampled : 3/21/91
Date Analyzed : 4/ 1/91
Instrument ID : F1

Anametrix ID : 9103289-0
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	CHLOROMETHANE	10.	ND	U
75-01-4	VINYL CHLORIDE	10.	ND	U
74-83-9	BROMOMETHANE	10.	ND	U
75-00-3	CHLOROETHANE	10.	ND	U
75-69-4	TRICHLOROFLUOROMETHANE	5.	ND	U
75-35-4	1,1-DICHLOROETHENE	5.	ND	U
76-13-1	TRICHLOROTRIFLUOROETHANE	5.	ND	U
67-64-1	ACETONE	20.	ND	U
75-15-0	CARBON DISULFIDE	5.	ND	U
75-09-2	METHYLENE CHLORIDE	5.	ND	U
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	ND	U
67-66-3	CHLOROFORM	5.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	5.	ND	U
56-23-5	CARBON TETRACHLORIDE	5.	ND	U
71-43-2	BENZENE	5.	ND	U
107-06-2	1,2-DICHLOROETHANE	5.	ND	U
79-01-6	TRICHLOROETHENE	5.	ND	U
78-87-5	1,2-DICHLOROPROPANE	5.	ND	U
75-27-4	BROMODICHLOROMETHANE	5.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	ND	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	5.	ND	U
108-10-1	4-METHYL-2-PENTANONE	10.	ND	U
108-88-3	TOLUENE	5.	ND	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	5.	ND	U
79-00-5	1,1,2,-TRICHLOROETHANE	5.	ND	U
127-18-4	TETRACHLOROETHENE	5.	ND	U
591-78-6	2-HEXANONE	10.	ND	U
124-48-1	DIBROMOCHLOROMETHANE	5.	ND	U
108-90-7	CHLOROBENZENE	5.	ND	U
100-41-4	ETHYLBENZENE	5.	ND	U
1330-20-7	XYLENE (TOTAL)	5.	ND	U
100-42-5	STYRENE	5.	ND	U
75-25-2	BROMOFORM	5.	ND	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	5.	ND	U
541-73-1	1,3-DICHLOROBENZENE	5.	ND	U
106-46-7	1,4-DICHLOROBENZENE	5.	ND	U
95-50-1	1,2-DICHLOROBENZENE	5.	ND	U

ANALYSIS DATA SHEET - Total Recoverable Petroleum Hydrocarbons
EPA METHOD 418.1
ANAMETRIX, INC. (408) 432-8192

Project No. : 02345-01983
Matrix : SOIL
Date sampled : 03/20 - 03/21/91
Date ext. : 03/28/91
Date analyzed: 03/28/91

Anametrix I.D. : 9103289
Analyst :
Supervisor :
Date released : 04/10/91

Workorder #	Sample I.D.	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9103289-02	SB-11 S-2	1	21.0
9103289-03	SB-11 S-5	1	4.2
9103289-07	SB-14 S-3	1	3.3
9103289-08	SB-14 S-6	1	2.7
GSBL032891	METHOD BLANK	1	ND

418.1 - Chemical Analysis of Water and Wastes, 3rd edition, 1983.
ND - Not detected at or above the practical quantitation limit for the method.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : SB-16 S-
Matrix : SOIL
Date Sampled : 3/22/91
Date Analyzed : 4/ 4/91
Instrument ID : F1

Anametrix ID : 9103309-02
Analyst : -
Supervisor : -

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	CHLOROMETHANE	10.	ND	U
75-01-4	VINYL CHLORIDE	10.	ND	U
74-83-9	BROMOMETHANE	10.	ND	U
75-00-3	CHLOROETHANE	10.	ND	U
75-69-4	TRICHLOROFLUOROMETHANE	5.	ND	U
75-35-4	1,1-DICHLOROETHENE	5.	ND	U
76-13-1	TRICHLOROTRIFLUOROETHANE	5.	ND	U
67-64-1	ACETONE	20.	ND	U
75-15-0	CARBON DISULFIDE	5.	ND	U
75-09-2	METHYLENE CHLORIDE	5.	ND	U
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	ND	U
67-66-3	CHLOROFORM	5.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	5.	ND	U
56-23-5	CARBON TETRACHLORIDE	5.	ND	U
71-43-2	BENZENE	5.	ND	U
107-06-2	1,2-DICHLOROETHANE	5.	ND	U
79-01-6	TRICHLOROETHENE	5.	ND	U
78-87-5	1,2-DICHLOROPROPANE	5.	ND	U
75-27-4	BROMODICHLOROMETHANE	5.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	ND	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	5.	ND	U
108-10-1	4-METHYL-2-PENTANONE	10.	ND	U
108-88-3	TOLUENE	5.	ND	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	5.	ND	U
79-00-5	1,1,2,-TRICHLOROETHANE	5.	ND	U
127-18-4	TETRACHLOROETHENE	5.	ND	U
591-78-6	2-HEXANONE	10.	ND	U
124-48-1	DIBROMOCHLOROMETHANE	5.	ND	U
108-90-7	CHLOROBENZENE	5.	ND	U
100-41-4	ETHYLBENZENE	5.	ND	U
1330-20-7	XYLENE (TOTAL)	5.	ND	U
100-42-5	STYRENE	5.	ND	U
75-25-2	BROMOFORM	5.	ND	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	5.	ND	U
541-73-1	1,3-DICHLOROBENZENE	5.	ND	U
106-46-7	1,4-DICHLOROBENZENE	5.	ND	U
95-50-1	1,2-DICHLOROBENZENE	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : SB-16 S-
Matrix : SOIL
Date Sampled : 3/22/91
Date Analyzed : 4/ 4/91
Instrument ID : F1

Anametrix ID : 9103309-02
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	CHLOROMETHANE	10.	ND	U
75-01-4	VINYL CHLORIDE	10.	ND	U
74-83-9	BROMOMETHANE	10.	ND	U
75-00-3	CHLOROETHANE	10.	ND	U
75-69-4	TRICHLOROFLUOROMETHANE	5.	ND	U
75-35-4	1,1-DICHLOROETHENE	5.	ND	U
76-13-1	TRICHLOROTRIFLUOROETHANE	5.	ND	U
67-64-1	ACETONE	20.	ND	U
75-15-0	CARBON DISULFIDE	5.	ND	U
75-09-2	METHYLENE CHLORIDE	5.	ND	U
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	ND	U
67-66-3	CHLOROFORM	5.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	5.	ND	U
56-23-5	CARBON TETRACHLORIDE	5.	ND	U
71-43-2	BENZENE	5.	ND	U
107-06-2	1,2-DICHLOROETHANE	5.	ND	U
79-01-6	TRICHLOROETHENE	5.	ND	U
78-87-5	1,2-DICHLOROPROPANE	5.	ND	U
75-27-4	BROMODICHLOROMETHANE	5.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	ND	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	5.	ND	U
108-10-1	4-METHYL-2-PENTANONE	10.	ND	U
108-88-3	TOLUENE	5.	ND	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	5.	ND	U
79-00-5	1,1,2,-TRICHLOROETHANE	5.	ND	U
127-18-4	TETRACHLOROETHENE	5.	ND	U
591-78-6	2-HEXANONE	10.	ND	U
124-48-1	DIBROMOCHLOROMETHANE	5.	ND	U
108-90-7	CHLOROBENZENE	5.	ND	U
100-41-4	ETHYLBENZENE	5.	ND	U
1330-20-7	XYLENE (TOTAL)	5.	ND	U
100-42-5	STYRENE	5.	ND	U
75-25-2	BROMOFORM	5.	ND	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	5.	ND	U
541-73-1	1,3-DICHLOROBENZENE	5.	ND	U
106-46-7	1,4-DICHLOROBENZENE	5.	ND	U
95-50-1	1,2-DICHLOROBENZENE	5.	ND	U

ANALYSIS DATA SHEET - Total Recoverable Petroleum Hydrocarbons
EPA METHOD 418.1
ANAMETRIX, INC. (408) 432-8192

Project No. : 02345-01983
Matrix : SOIL
Date sampled : 03/22/91
Date ext. : 03/28/91
Date analyzed: 03/28/91

Anametrix I.D. : 9103309
Analyst :
Supervisor :
Date released : 04/10/91

Workorder #	Sample I.D.	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9103309-01	SB-16 S-4	1	6.7
9103309-02	SB-16 S-7	1	3.3
GSBL022891	METHOD BLANK	1	ND

ND - Not detected at or above the practical quantitation limit for the method.

Reference - Methods for Chemical Analysis of Water and Wastes, 3rd edition, US EPA-600/4-79-020, March 1983.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

RUST E & I Albany, NY (518) 458-1313	**Test Boring Log**	**Boring No.** B-2
PROJECT: ANC Oakland		Sheet 2 of 3
CLIENT: American National Can Company		Job No. 02345-01983
DRILLING CONTRACTOR: PC Exploration		Meas. Pt. Elev. - - -
PURPOSE: Test Boring Beneath Steam Cleaner Sump		Ground Elev. - - -

		SAMPLE	CORE	CASING	
DRILLING METHOD: Solid Stem Auger					Datum Grade
DRILL RIG TYPE: Mobile B-53	TYPE	Cal. MOD	- - -	- - -	Date Started: 7/20/93
GROUNDWATER DEPTH: NA	DIAM.	2 1/2" ID	- - -	- - -	Date Finished: 7/20/93
MEAS. PT.: NA	WEIGHT	140#			Driller: D. Jenkins
DATE OF MEAS.: NA	FALL	30"			Inspector: W. Howard

Depth (Feet)	Sample Number	Blow Count	Unified Classif-ication	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
2					OPEN WASHWATER SUMP in steam cleaner facility.	PID Background = 0.2 ppm
4					Base of Sump 3.75' CONCRETE SLAB 4.5'	
6	S-1	8 15 18 23			BK $y C t, mfS; very dense BLACK SILTY CLAY trace, Medium to FINE Sand Lab Analyzed 5.0-5.5' (TIDAL MARSH) 6.0'	REC = 2.0' Damp PID: Spoon = BKGD HS = 2.5'
8	S-2	35 40 43 46			GN Br CmfS, a $yC; dense Same: coarsening downward to Br mf S, l $, t f G @ tip BROWN COARSE(-) to FINE SAND, some Silty clay Lab analyzed 8.0-8.5' (FLUVIAL) 8.5'	REC = 2.0' Damp moist @ tip PID: Spoon = BKGD HS = BKGD
10					Bottom of boring.	

TABLE 1
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY

Summary of Soil Analytical Results - July, 1993

	Boring No./Sample No.	
Analysis/Compound	B-2 S-1	B-2 S-2
VOC (8240) (ug/kg)		
Dilution Factor	**1.0**	**1.0**
Acetone	**56 B**	nd
Methylene Chloride	**37**	nd
BNA (8270) (ug/kg)		
Dilution Factor	**1.0**	**1.0**
Bis (2-ethylhexyl)phthalate	nd	nd
TPH as Gasoline (DHS method) (mg/Kg)	nd	nd
TPH as Diesel (DHS method) (mg/Kg)	nd	nd
Metals (mg/kg)		
Silver	nd	nd
Arsenic	**5.2**	**2.7**
Barium	**162**	**69.0**
Cadmium	nd	nd
Total Chromium	**69.2**	**53.8**
Mercury	**0.14**	**0.18**
Lead	**7.2**	**3.3**
Selenium	nd	nd

nd indicates compound was not detected.
B indicates that the compound was detected in the associated method blank.

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : B-2 S-1
Matrix : SOIL
Date Sampled : 7/20/93
Date Analyzed : 7/27/93
Instrument ID : MSD2

Anametrix ID : 9307185-02
Analyst : ww
Supervisor : DP

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	56.	B
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	37.	
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : B-2 S-2
Matrix : SOIL
Date Sampled : 7/20/93
Date Analyzed : 7/23/93
Instrument ID : MSD2

Anametrix ID : 9307185-03
Analyst : W
Supervisor : BP

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : VBLK2G
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/23/93
Instrument ID : MSD2

Anametrix ID : BL2302A1
Analyst : W
Supervisor : M

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : VBLK2P
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Analyzed : 7/27/93
Instrument ID : MSD2

Anametrix ID : BL2705A1
Analyst :
Supervisor :

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	31.	
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : B-2 S-1
Matrix : SOIL
Date Sampled : 7/20/93
Date Extracted : 7/21/93
Amount Extracted : 30.0 g
Date Analyzed : 7/22/93
Instrument ID : MSD4

Anametrix ID : 9307185-02
Analyst : CM
Supervisor : CM

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
62-75-9	N-Nitrosodimethylamine	330.	ND	U
108-95-2	Phenol	330.	ND	U
4165-61-1	Aniline	330.	ND	U
111-44-4	bis(2-Chloroethyl)ether	330.	ND	U
95-57-8	2-Chlorophenol	330.	ND	U
541-73-1	1,3-Dichlorobenzene	330.	ND	U
106-46-7	1,4-Dichlorobenzene	330.	ND	U
100-51-6	Benzyl Alcohol	330.	ND	U
95-48-7	2-Methylphenol	330.	ND	U
95-50-1	1,2-Dichlorobenzene	330.	ND	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	ND	U
106-44-5	4-Methylphenol	330.	ND	U
621-64-7	N-Nitroso-di-n-propylamine	330.	ND	U
67-72-1	Hexachloroethane	330.	ND	U
98-95-3	Nitrobenzene	330.	ND	U
78-59-1	Isophorone	330.	ND	U
105-67-9	2,4-Dimethylphenol	330.	ND	U
88-75-5	2-Nitrophenol	330.	ND	U
65-85-0	Benzoic Acid	1700.	ND	U
111-91-1	bis(2-Chloroethoxy)methane	330.	ND	U
120-83-2	2,4-Dichlorophenol	330.	ND	U
120-82-1	1,2,4-Trichlorobenzene	330.	ND	U
91-20-3	Naphthalene	330.	ND	U
106-47-8	4-Chloroaniline	330.	ND	U
87-68-3	Hexachlorobutadiene	330.	ND	U
59-50-7	4-Chloro-3-methylphenol	330.	ND	U
91-57-6	2-Methylnaphthalene	330.	ND	U
77-47-4	Hexachlorocyclopentadiene	330.	ND	U
88-06-2	2,4,6-Trichlorophenol	330.	ND	U
95-95-4	2,4,5-Trichlorophenol	1700.	ND	U
91-58-7	2-Chloronaphthalene	330.	ND	U
88-74-4	2-Nitroaniline	1700.	ND	U
131-11-3	Dimethylphthalate	330.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : B-2 S-1
Matrix : SOIL
Date Sampled : 7/20/93
Date Extracted : 7/21/93
Amount Extracted : 30.0 g
Date Analyzed : 7/22/93
Instrument ID : MSD4

Anametrix ID : 9307185-02
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
606-20-2	2,6-Dinitrotoluene	330.	ND	U
208-96-8	Acenaphthylene	330.	ND	U
99-09-2	3-Nitroaniline	1700.	ND	U
83-32-9	Acenaphthene	330.	ND	U
51-28-5	2,4-Dinitrophenol	1700.	ND	U
100-02-7	4-Nitrophenol	1700.	ND	U
132-64-9	Dibenzofuran	330.	ND	U
121-14-2	2,4-Dinitrotoluene	330.	ND	U
84-66-2	Diethylphthalate	330.	ND	U
7005-72-3	4-Chlorophenyl-phenylether	330.	ND	U
86-73-7	Fluorene	330.	ND	U
100-01-6	4-Nitroaniline	1700.	ND	U
534-52-1	4,6-Dinitro-2-methylphenol	1700.	ND	U
86-30-6	N-Nitrosodiphenylamine (1)	330.	ND	U
103-33-3	Azobenzene	330.	ND	U
101-55-3	4-Bromophenyl-phenylether	330.	ND	U
118-74-1	Hexachlorobenzene	330.	ND	U
87-86-5	Pentachlorophenol	1700.	ND	U
85-01-8	Phenanthrene	330.	ND	U
120-12-7	Anthracene	330.	ND	U
84-74-2	Di-n-butylphthalate	330.	ND	U
206-44-0	Fluoranthene	330.	ND	U
92-87-5	Benzidine	330.	ND	U
129-00-0	Pyrene	330.	ND	U
85-68-7	Butylbenzylphthalate	330.	ND	U
117-81-7	bis(2-Ethylhexyl)phthalate	330.	ND	U
91-94-1	3,3'-Dichlorobenzidine	670.	ND	U
56-55-3	Benzo(a)anthracene	330.	ND	U
218-01-9	Chrysene	330.	ND	U
117-84-0	Di-n-octylphthalate	330.	ND	U
205-99-2	Benzo(b)fluoranthene	330.	ND	U
207-08-9	Benzo(k)fluoranthene	330.	ND	U
50-32-8	Benzo(a)pyrene	330.	ND	U
193-39-5	Indeno(1,2,3-cd)pyrene	330.	ND	U
53-70-3	Dibenz(a,h)anthracene	330.	ND	U
191-24-2	Benzo(g,h,i)perylene	330.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : B-2 S-2
Matrix : SOIL
Date Sampled : 7/20/93
Date Extracted : 7/21/93
Amount Extracted : 30.0 g
Date Analyzed : 7/23/93
Instrument ID : MSD4

Anametrix ID : 9307185-03
Analyst : LM
Supervisor : JM

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
62-75-9	N-Nitrosodimethylamine	330.	ND	U
108-95-2	Phenol	330.	ND	U
4165-61-1	Aniline	330.	ND	U
111-44-4	bis(2-Chloroethyl)ether	330.	ND	U
95-57-8	2-Chlorophenol	330.	ND	U
541-73-1	1,3-Dichlorobenzene	330.	ND	U
106-46-7	1,4-Dichlorobenzene	330.	ND	U
100-51-6	Benzyl Alcohol	330.	ND	U
95-48-7	2-Methylphenol	330.	ND	U
95-50-1	1,2-Dichlorobenzene	330.	ND	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330.	ND	U
106-44-5	4-Methylphenol	330.	ND	U
621-64-7	N-Nitroso-di-n-propylamine	330.	ND	U
67-72-1	Hexachloroethane	330.	ND	U
98-95-3	Nitrobenzene	330.	ND	U
78-59-1	Isophorone	330.	ND	U
105-67-9	2,4-Dimethylphenol	330.	ND	U
88-75-5	2-Nitrophenol	330.	ND	U
65-85-0	Benzoic Acid	1700.	ND	U
111-91-1	bis(2-Chloroethoxy)methane	330.	ND	U
120-83-2	2,4-Dichlorophenol	330.	ND	U
120-82-1	1,2,4-Trichlorobenzene	330.	ND	U
91-20-3	Naphthalene	330.	ND	U
106-47-8	4-Chloroaniline	330.	ND	U
87-68-3	Hexachlorobutadiene	330.	ND	U
59-50-7	4-Chloro-3-methylphenol	330.	ND	U
91-57-6	2-Methylnaphthalene	330.	ND	U
77-47-4	Hexachlorocyclopentadiene	330.	ND	U
88-06-2	2,4,6-Trichlorophenol	330.	ND	U
95-95-4	2,4,5-Trichlorophenol	1700.	ND	U
91-58-7	2-Chloronaphthalene	330.	ND	U
88-74-4	2-Nitroaniline	1700.	ND	U
131-11-3	Dimethylphthalate	330.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : B-2 S-2
Matrix : SOIL
Date Sampled : 7/20/93
Date Extracted : 7/21/93
Amount Extracted : 30.0 g
Date Analyzed : 7/23/93
Instrument ID : MSD4

Anametrix ID : 9307185-03
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
606-20-2	2,6-Dinitrotoluene	330.	ND	U
208-96-8	Acenaphthylene	330.	ND	U
99-09-2	3-Nitroaniline	1700.	ND	U
83-32-9	Acenaphthene	330.	ND	U
51-28-5	2,4-Dinitrophenol	1700.	ND	U
100-02-7	4-Nitrophenol	1700.	ND	U
132-64-9	Dibenzofuran	330.	ND	U
121-14-2	2,4-Dinitrotoluene	330.	ND	U
84-66-2	Diethylphthalate	330.	ND	U
7005-72-3	4-Chlorophenyl-phenylether	330.	ND	U
86-73-7	Fluorene	330.	ND	U
100-01-6	4-Nitroaniline	1700.	ND	U
534-52-1	4,6-Dinitro-2-methylphenol	1700.	ND	U
86-30-6	N-Nitrosodiphenylamine (1)	330.	ND	U
103-33-3	Azobenzene	330.	ND	U
101-55-3	4-Bromophenyl-phenylether	330.	ND	U
118-74-1	Hexachlorobenzene	330.	ND	U
87-86-5	Pentachlorophenol	1700.	ND	U
85-01-8	Phenanthrene	330.	ND	U
120-12-7	Anthracene	330.	ND	U
84-74-2	Di-n-butylphthalate	330.	ND	U
206-44-0	Fluoranthene	330.	ND	U
92-87-5	Benzidine	330.	ND	U
129-00-0	Pyrene	330.	ND	U
85-68-7	Butylbenzylphthalate	330.	ND	U
117-81-7	bis(2-Ethylhexyl)phthalate	330.	ND	U
91-94-1	3,3'-Dichlorobenzidine	670.	ND	U
56-55-3	Benzo(a)anthracene	330.	ND	U
218-01-9	Chrysene	330.	ND	U
117-84-0	Di-n-octylphthalate	330.	ND	U
205-99-2	Benzo(b)fluoranthene	330.	ND	U
207-08-9	Benzo(k)fluoranthene	330.	ND	U
50-32-8	Benzo(a)pyrene	330.	ND	U
193-39-5	Indeno(1,2,3-cd)pyrene	330.	ND	U
53-70-3	Dibenz(a,h)anthracene	330.	ND	U
191-24-2	Benzo(g,h,i)perylene	330.	ND	U

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9307185
Matrix : SOIL
Date Sampled : 07/20/93

Project Number : 02345-01983-0105
Date Released : 07/26/93

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# B-1 S-1 -01	Sample I.D.# B-2 S-1 -02	Sample I.D.# B-2 S-2 -03	Sample I.D.# B-3 S-2 -04	Sample I.D.# B-3 S-4 -05
TPH as Gasoline	0.5	ND	ND	ND	ND	ND
% Surrogate Recovery		95%	84%	93%	90%	114%
Instrument I.D.		HP4	HP4	HP4	HP21	HP21
Date Analyzed		07/22/93	07/22/93	07/22/93	07/26/93	07/23/93
RLMF		1	1	1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 7/27/93 Date

Supervisor 7/27/93 Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9307185
Matrix : SOIL
Date Sampled : N/A

Project Number : 02345-01983-0105
Date Released : 07/26/93

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# BL2201E1 BLANK	Sample I.D.# BL2301E1 BLANK	Sample I.D.# BL2601E1 BLANK
TPH as Gasoline	0.5	ND	ND	ND
% Surrogate Recovery		90%	114%	102%
Instrument I.D.		HP4	HP21	HP21
Date Analyzed		07/22/93	07/23/93	07/26/93
RLMF		1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Lucia Shor 7/27/93
Analyst Date

Cheryl Baemer 7/27/93
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9307185
Matrix : SOIL
Date Sampled : 07/20/93
Date Extracted: 07/21/93

Project Number : 02345-01983-0105
Date Released : 07/27/93
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9307185-01	B-1 S-1	07/23/93	10	ND
9307185-02	B-2 S-1	07/23/93	10	ND
9307185-03	B-2 S-2	07/23/93	10	ND
9307185-04	B-3 S-2	07/23/93	10	ND
9307185-05	B-3 S-4	07/23/93	10	ND
BL21H1F1	METHOD BLANK	07/23/93	10	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 10 mg/Kg.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3550.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Luisa Shea 7/27/93
Analyst Date

Cheryl Balmer 7/27/93
Supervisor Date

INORGANIC ANALYSIS DATA SHEET
ANAMETRIX, INC. (408) 432-8192

Anametrix I.D.: 9307185-02
Client I.D. : B-2 S-1
Project I.D. : 02345-01983-0105
Reporting Unit: mg/Kg
Matrix : SOIL

Date Sampled : 07/20/93
Analyst : MK
Supervisor : MW
Date Released : 07/27/93
Instrument I.D. : HGA1/AA2/AA3/ICP1

ANALYTE-METHOD	DATE PREPARED	DATE ANALYZED	REPORT LIMIT	DIL. FACTOR	RESULT	Q
Silver-6010	07/21/93	07/21/93	2.5	1	ND	
Arsenic-7060	07/21/93	07/26/93	0.50	1	5.2	
Barium-6010	07/21/93	07/21/93	5.0	1	162	
Cadmium-6010	07/21/93	07/21/93	0.25	1	ND	
Chromium-6010	07/21/93	07/21/93	0.50	1	69.2	
Mercury-7470	07/21/93	07/22/93	0.10	1	0.14	
Lead-7421	07/21/93	07/27/93	0.75	5	7.2	
Selenium-7740	07/21/93	07/26/93	0.25	1	ND	

COMMENT:

INORGANIC ANALYSIS DATA SHEET
ANAMETRIX, INC. (408) 432-8192

Anametrix I.D.: 9307185-03
Client I.D. : B-2 S-2
Project I.D. : 02345-01983-0105
Reporting Unit: mg/Kg
Matrix : SOIL

Date Sampled : 07/20/93
Analyst : MK
Supervisor : MW
Date Released : 07/27/93
Instrument I.D. : HGA1/AA2/ AA3/ICP1

ANALYTE-METHOD	DATE PREPARED	DATE ANALYZED	REPORT LIMIT	DIL. FACTOR	RESULT	Q
Silver-6010	07/21/93	07/21/93	12.5	5	ND	I
Arsenic-7060	07/21/93	07/26/93	2.5	5	2.7	
Barium-6010	07/21/93	07/21/93	25.0	5	69.0	I
Cadmium-6010	07/21/93	07/21/93	1.25	5	ND	I
Chromium-6010	07/21/93	07/21/93	2.50	5	53.8	I
Mercury-7470	07/21/93	07/22/93	0.10	1	0.18	
Lead-7421	07/21/93	07/27/93	0.15	1	3.3	
Selenium-7740	07/21/93	07/26/93	1.3	5	ND	I

COMMENT:

ATTACHMENT 3

GROUNDWATER ANALYTICAL RESULTS

TABLE 4-8
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA PLANT

Summary of Detected Volatile Organic Compounds in Groundwater (EPA Method 8240)
April, 1991

	AREA 2	AREA 3									AREA 4				AREA 5	
Soil Boring No.	SB-19	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8			SB-9	SB-10	SB-11		SB-14	
Monitoring Well No.	MW-13	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	GW-1	GW-2	MW-8	MW-9	MW-10	GW-3	MW-11	GW-4
Dilution Factor	**1.00**	**5.00**	**10.00**	**2.00**	**1.00**	**10.00**	**1.00**	**1.00**	**10.00**	**1.00**	**1.00**	**1.00**	**1.00**	**100.00**	**1.00**	**1.00**
Vinyl Chloride	nd	nd	nd	nd	nd	nd	nd	nd	nd	28	nd	nd	nd	nd	nd	nd
Chloroethane	nd	nd	nd	35	8 J	nd	nd	nd	nd	5 J	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	nd	nd	nd	nd	nd	nd	2 J	nd	nd	nd	nd	nd	nd	nd	nd	nd
Acetone	nd	nd	nd	12 J	nd	nd	nd	nd	200	nd	nd	nd	nd	nd	nd	nd
Methylene Chloride	nd	390	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	nd	nd	110	66	nd	nd	32	nd	nd	11	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	nd	nd	nd	nd	nd	nd	nd	nd	nd	8	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	nd	nd	nd	nd	nd	nd	2 J	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	nd	16 J	410	220	230 E	230	nd	nd	540	45	nd	nd	nd	nd	nd	nd
Toluene	nd	nd	450	26	6	nd	nd	nd	950	14	nd	nd	nd	nd	nd	nd
Tetrachloroethene	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	3 J	nd
Chlorobenzene	nd	21 J	53	5 J	19	48 J	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	nd	39	170	36	8	56	nd	nd	150	nd	nd	nd	nd	4,600	nd	nd
Xylene (total)	nd	53	1,300	190	36	260	nd	nd	1,500	nd	nd	nd	nd	20,000	nd	nd
1,4-Dichlorobenzene	nd	47	nd	nd	8	nd	nd	2 J	130	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	nd	43	29 J	11	22	nd	nd	nd	32 J	9	nd	nd	nd	nd	nd	nd
Total	nd	219	2,522	601	337	594	36	2	3,502	120	nd	nd	nd	nd	3	nd

nd indicates compound was not detected.
J indicates compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value.
E indicates the amount reported exceeded the linear range of the instrument calibration.
All concentrations expressed in ug/l (ppb).

TABLE 4-9
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY
Summary of Detected Semi-Volatile Organic Compounds
in Groundwater (EPA Method 8270)
April, 1991

	AREA 2	AREA 3									AREA 4				AREA 5	
Soil Boring Number	SB-19	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8			SB-9	SB-10	SB-11		SB-14	
Monitoring Well Number	MW-13	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	GW-1	GW-2	MW-8	MW-9	MW-10	GW-3	MW-11	GW-4
Dilution Factor	1.00	1.00	10.00	1.00	1.00	1.00	1.00	1.00	100.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Phenol	nd	5 J	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
bis (2-Chloroethyl) ether	nd	nd	nd	nd	27	nd	nd	nd	nd	4 J	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	nd	nd	nd	nd	6 J	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	nd	26	nd	nd	nd	23	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	nd	21	23 J	9 J	15	40	nd	nd	nd	7 J	nd	nd	nd	nd	nd	nd
2-Methylphenol	nd	nd	120	nd	nd	nd	nd	nd	530 J	nd	nd	nd	nd	3 J	nd	nd
4-Methylphenol	nd	nd	nd	nd	nd	nd	nd	nd	730 J	nd	nd	nd	nd	13	nd	nd
2,4-Dimethylphenol	nd	nd	1,300	nd	nd	nd	nd	nd	8,900	nd	nd	nd	nd	40	nd	nd
1,2,4-Trichlorobenzene	nd	nd	nd	nd	nd	2 J	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Napthalene	nd	61	260	27	14	140	nd	nd	270 J	nd	nd	nd	nd	24	nd	nd
4-Chloro-3-Methylphenol	nd	nd	nd	nd	120	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2-Methylnapthalene	nd	30	nd	nd	nd	130	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Fluorene	nd	nd	nd	nd	nd	6 J	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Phenanthrene	nd	nd	nd	nd	nd	11 J	nd	nd	nd	nd	nd	nd	nd	4 J	nd	nd
Pyrene	nd	nd	nd	nd	nd	3 J	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Total	nd	143	1,703	36	182	355	nd	nd	10,430	11	nd	nd	nd	84	nd	nd

nd indicates compound was not detected.
J indicates compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value.
All concentrations expressed in ug/l (ppb).

TABLE 4-10
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY
Summary of Detected Total Petroleum Hydrocarbons,
PCBs, and Metals in Groundwater
April, 1991

	AREA 1		AREA 2	AREA 3									AREA 4				AREA 5	
Soil Boring Number	SB-15		SB-19	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8			SB-9	SB-10	SB-11		SB-14	
Monitoring Well Number	MW-12	GW-5	MW-13	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	GW-1	GW-2	MW-8	MW-9	MW-10	GW-3	MW-11	GW-4
TPH (418.1) (mg/l)	--	--	--	8.5	48.0	29.0	4.5	650	nd	1.5	43.0	2.5	nd	nd	1.1	6.7	6.8	3.0
TPH as gasoline (DHS method) (ug/l)	nd	nd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BTEX																		
Benzene	nd	nd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	nd	nd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	nd	nd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	nd	nd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH as diesel (DHS method) (ug/l)	--	--	430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB (EPA 8080) (ug/l) Aroclor-1260	--	--	nd	7.9	6.0	nd	nd	10.0	nd	nd	33 E	nd	nd	nd	nd	nd	nd	nd
Metals (Title 22) (ug/l)																		
Silver	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	10.0	nd	nd	nd	nd
Arsenic	--	--	nd	13.4	41.2	nd	24.6	20.9	nd	12.0	92.9	nd	nd	nd	nd	13.0	nd	nd
Barium	--	--	nd	180	317	163	549	668	129	127	1,030	579	nd	201	101	220	nd	nd
Beryllium	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Cadmium	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Cobalt	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Total Chromium	--	--	13.4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	14.8	nd	nd	nd
Copper	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Mercury	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Molybdenum	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Nickel	--	--	90.3	nd	98.9	nd	nd	73.7	nd	44.5	113	nd	nd	48.6	40.0	nd	nd	nd
Lead	--	--	18.0	4.0	33.3	3.2	30.3	33.5	nd	50.4	25.7	10.9	nd	nd	nd	nd	15.8	nd
Antimony	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Selenium	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Thallium	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Vanadium	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Zinc	--	--	9,940	26.2	77.1	79.7	45.6	61.6	50.8	54.1	79.5	nd	23.4	29.0	37.6	34.0	48.7	nd
Organic Lead (DHS Method) (ug/l)	nd	nd	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

-- indicates compound was not analyzed.
nd indicates compound was not detected.

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9104195
Matrix : WATER
Date Sampled : 04/18/91

Project Number : 02345-01983
Date Released : 04/29/91

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# GW-5 -05	Sample I.D.# MW12 -06	Sample I.D.# 12B0425A BLANK
Benzene	0.5	ND	ND	ND
Toluene	0.5	ND	ND	ND
Ethylbenzene	0.5	ND	ND	ND
Total Xylenes	0.5	ND	ND	ND
TPH as Gasoline	50	ND	ND	ND
% Surrogate Recovery		87%	55%	85%
Instrument I.D.		HP12	HP12	HP12
Date Analyzed		04/25/91	04/25/91	04/25/91
RLMF		1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020.
RLMF - Reporting Limit Multiplication Factor.
Anametrix control limits for surrogate recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Steve Jurisich 04-29-91
Analyst Date

Cheryl Balmer 4/29/91
Supervisor Date

ANALYSIS DATA SHEET - ORGANIC LEAD
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9104195
Matrix : WATER
Date Sampled : 04/18/91
Project Number: 02345-01983

Date Prepared : 04/24/91
Date Analyzed : 04/25/91
Date Released : 05/06/91
Instrument I.D.: AA1

		ELEMENTS	Organic Lead
		EPA METHOD	LUFT
		REPORTING LIMIT	40.0
ANAMETRIX ID	CLIENT ID		(ug/L)
9104195-05	GW-5		ND
9104195-06	MW-12		ND
OMB0424W	METHOD BLANK		ND

ND : Not detected at or above the practical quantitation limit for the method.

Organic Lead by Leaking Underground Fuel Tank (LUFT) Manual, 1987 California State Water Resources Control Board.

Manny Nguyen 5/7/91
Chemist Date

Mona Kamal 5/07/91
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : MW-11
Matrix : WATER
Date Sampled : 4/19/91
Date Analyzed : 4/29/91
Instrument ID : F3

Anametrix ID : 9104195-09
Analyst : LY
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	CHLOROMETHANE	10.	ND	U
75-01-4	VINYL CHLORIDE	10.	ND	U
74-83-9	BROMOMETHANE	10.	ND	U
75-00-3	CHLOROETHANE	10.	ND	U
75-69-4	TRICHLOROFLUOROMETHANE	5.	ND	U
75-35-4	1,1-DICHLOROETHENE	5.	ND	U
76-13-1	TRICHLOROTRIFLUOROETHANE	5.	ND	U
67-64-1	ACETONE	20.	ND	U
75-15-0	CARBON DISULFIDE	5.	ND	U
75-09-2	METHYLENE CHLORIDE	5.	ND	U
156-60-5	TRANS-1,2-DICHLOROETHENE	5.	ND	U
75-34-3	1,1-DICHLOROETHANE	5.	ND	U
78-93-3	2-BUTANONE	20.	ND	U
156-59-2	CIS-1,2-DICHLOROETHENE	5.	ND	U
67-66-3	CHLOROFORM	5.	ND	U
71-55-6	1,1,1-TRICHLOROETHANE	5.	ND	U
56-23-5	CARBON TETRACHLORIDE	5.	ND	U
71-43-2	BENZENE	5.	ND	U
107-06-2	1,2-DICHLOROETHANE	5.	ND	U
79-01-6	TRICHLOROETHENE	5.	ND	U
78-87-5	1,2-DICHLOROPROPANE	5.	ND	U
75-27-4	BROMODICHLOROMETHANE	5.	ND	U
110-75-8	2-CHLOROETHYLVINYL ETHER	5.	ND	U
108-05-4	VINYL ACETATE	10.	ND	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	5.	ND	U
108-10-1	4-METHYL-2-PENTANONE	10.	ND	U
108-88-3	TOLUENE	5.	ND	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	5.	ND	U
79-00-5	1,1,2,-TRICHLOROETHANE	5.	ND	U
127-18-4	TETRACHLOROETHENE	5.	3.	J
591-78-6	2-HEXANONE	10.	ND	U
124-48-1	DIBROMOCHLOROMETHANE	5.	ND	U
108-90-7	CHLOROBENZENE	5.	ND	U
100-41-4	ETHYLBENZENE	5.	ND	U
1330-20-7	XYLENE (TOTAL)	5.	ND	U
100-42-5	STYRENE	5.	ND	U
75-25-2	BROMOFORM	5.	ND	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	5.	ND	U
541-73-1	1,3-DICHLOROBENZENE	5.	ND	U
106-46-7	1,4-DICHLOROBENZENE	5.	ND	U
95-50-1	1,2-DICHLOROBENZENE	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : MW-11
Matrix : WATER
Date Sampled : 4/19/91
Date Extracted : 4/23/91
Amount Extracted : 1000.0 mL
Date Analyzed : 4/24/91
Instrument ID : F2

Anametrix ID : 9104195-09
Analyst : JH
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : MW-11
Matrix : WATER
Date Sampled : 4/19/91
Date Extracted : 4/23/91
Amount Extracted : 1000.0 mL
Date Analyzed : 4/24/91
Instrument ID : F2

Anametrix ID : 9104195-09
Analyst : IM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	50.	ND	U

ANALYSIS DATA SHEET - TITLE 22 METALS
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9104195
Matrix : WATER
Date Sampled : 04/18-04/19/91
Project Number: 02345-01983

Date Prepared : 04/29/91
Date Analyzed : 05/02/91
Date Released : 05/06/91
Instrument I.D.: AA1/ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# MW-1 -01	Sample I.D.# MW-7 -03	Sample I.D.# MW-13 -04	Sample I.D.# GW-4 -08	Sample I.D.# MW-11 -09
Silver (Ag)	6010	10.0	ND	ND	ND	ND	ND
Arsenic (As)	7060	10.0	13.4	12.0	ND	ND	ND
Barium (Ba)	6010	100	180	127	ND	ND	ND
Beryllium (Be)	6010	5.0	ND	ND	ND	ND	ND
Cadmium (Cd)	6010	5.0	ND	ND	ND	ND	ND
Cobalt (Co)	6010	50.0	ND	ND	ND	ND	ND
Total Cr	6010	10.0	ND	ND	13.4	ND	ND
Copper (Cu)	6010	25.0	ND	ND	ND	ND	ND
Mercury (Hg)	7470	1.0	ND	ND	ND	ND	ND
Molybdenum (Mo)	6010	10.0	ND	ND	ND	ND	ND
Nickel (Ni)	6010	40.0	ND	44.5	90.3	ND	ND
Lead (Pb)	7421	3.0	4.0	50.4	18.0	ND	15.8
Antimony (Sb)	6010	60.0	ND	ND	ND	ND	ND
Selenium (Se)	7740	5.0	ND	ND	ND	ND	ND
Thallium (Tl)	7841	10.0	ND	ND	ND	ND	ND
Vanadium (V)	6010	50.0	ND	ND	ND	ND	ND
Zinc (Zn)	6010	20.0	26.2	54.1	9940	ND	48.7

ND : Not detected at or above the practical quantitation limit for the method.

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Administrative Code Title 22, Section 66699.

Chemist 5/7/91 Date

Chemist 5/07/91 Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/8080
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : MW-11
Matrix : WATER
Date Sampled : 4/19/91
Date Extracted : 4/23/91
Amount Extracted : 970.0 mL
Date Analyzed : 4/30/91
Instrument ID : HP5A

Anametrix ID : 9104195-09
Analyst : GA
Supervisor : SD

Dilution Factor : 1.00
Conc. Units : UG/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.52	ND	U
11104-28-2	Aroclor-1221	.52	ND	U
11141-16-5	Aroclor-1232	.52	ND	U
53469-21-9	Aroclor-1242	.52	ND	U
12672-29-6	Aroclor-1248	.52	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ANALYSIS DATA SHEET - TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
ANAMETRIX, INC. (408) 432-8192

Project # : 02345-01983
Matrix : WATER
Date sampled : 04/18/91 & 04/19/91
Date ext. TOG: 04/29/91
Date anl. TOG: 04/29/91

Anametrix I.D. : 9104195
Analyst : APP
Supervisor : SAP
Date released : 04/30/91

Workorder #	Sample I.D.	Reporting Limit (mg/L)	Amount Found (mg/L)
9104195-01	MW-1	1	8.5
9104195-03	MW-7	1	1.5
9104195-08	GW-4	1	3.0
9104195-09	MW-11	1	6.8
GWBL041991	METHOD BLANK	1	ND

418.1 - Chemical Analysis of water and wastes, 3rd edition.
ND - Not detected at or above the practical quantitation limit for the method.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

TABLE 4-8

AMERICAN NATIONAL CAN COMPANY

OAKLAND, CALIFORNIA PLANT

Summary of Detected Volatile Organic Compounds

In Groundwater (EPA Method 624)

January 1992

	AREA 2			AREA 3							AREA 4			AREA 5
Soil Boring No.	SB-19			SB-2	SB-4	DUP	SB-5	SB-7	SB-8	SB-8				SB-14
Monitoring Well No.	MW-13	MW-15	TW-1	MW-1	MW-3	X-1	MW-4	MW-6	MW-7	GW-2	MW-14	MW-16	GW-3	MW-11
Dilution Factor	--	--	--	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00	1.00
Vinyl Chloride	--	--	--	11	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chloroethane	--	--	--	nd	56	60	11	nd	nd	6 J	nd	nd	nd	nd
Acetone	--	--	--	nd	nd	nd	17	nd	nd	nd	nd	nd	nd	nd
Trans-1,2-Dichloroethene	--	--	--	nd	2 J	2 J	nd	nd	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	--	--	--	nd	50	52	nd	23	nd	22	nd	nd	nd	nd
cis-1,2-Dichloroethene	--	--	--	3 J	2 J	2 J	nd	nd	nd	3 J	nd	nd	nd	nd
2-Butanone	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	--	--	--	nd	nd	nd	nd	2 J	nd	nd	nd	nd	nd	nd
Vinyl Acetate	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Benzene	--	--	--	6	230	230	210	nd	nd	66	nd	nd	nd	nd
1,2-Dichloroethane	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toluene	--	--	--	nd	4 J	4 J	7	nd	nd	66	nd	nd	100	nd
Tetrachloroethene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	4 J
2-Hexanone	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Chlorobenzene	--	--	--	14	7	8	27	nd	nd	11	nd	nd	nd	nd
Ethylbenzene	--	--	--	12	11	12	7	nd	nd	14	nd	nd	10,000	nd
Xylene (total)	--	--	--	12	54	58	37	nd	nd	63	nd	6	31,000	nd
Styrene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	--	--	--	4 J	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	--	--	--	22	nd	2 J	9	nd	nd	2 J	nd	nd	nd	nd
1,2-Dichlorobenzene	--	--	--	20	13	13	26	nd	nd	13	nd	nd	nd	4 J
Total	--	--	--	104 J	429 J	443 J	351	25 J	nd	266 J	nd	6	41,100	8 J

-- indicates compound was not analyzed for.

nd indicates compound was not detected.

J indicates compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value.

E indicates the amount reported exceeded the linear range of the instrument calibration.

All concentrations expressed in ug/l (ppb).

Sample DUP X-1 is a field duplicate of sample MW-3

AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY
Summary of Detected Semi-Volatile Organic Compounds
in Groundwater (EPA Method 625)
January 1992

	AREA 2			AREA 3							AREA 4			AREA 5
Soil Boring Number	SB-19			SB-2	SB-4	DUP	SB-5	SB-7	SB-8					SB-14
Monitoring Well Number	MW-13	MW-15	TW-1	MW-1	MW-3	X-1	MW-4	MW-6	MW-7	GW-2	MW-14	MW-16	GW-3	MW-11
Dilution Factor	--	--	--	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	--
bis (2-Chloroethyl) ether	--	--	--	nd	nd	nd	nd	nd	nd	3 J	nd	nd	nd	--
1,3-Dichlorobenzene	--	--	--	2 J	nd	nd	nd	nd	nd	nd	nd	nd	nd	
1,4-Dichlorobenzene	--	--	--	16	nd	nd	5 J	nd	nd	nd	nd	nd	nd	--
1,2-Dichlorobenzene	--	--	--	14	6 J	6 J	13	nd	nd	8 J	nd	nd	nd	--
2-Methylphenol	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--
4-Methylphenol	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--
2,4-Dimethylphenol	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	34	--
Naphthalene	--	--	--	15	9 J	8 J	6 J	nd	nd	nd	nd	nd	32	--
4-Chloro-3-Methylphenol	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--
2-Methylnaphthalene	--	--	--	14	nd	nd	8 J	nd	nd	nd	nd	nd	2 J	--
Acenaphthene	--	--	--	nd	nd	nd	3 J	nd	nd	nd	nd	nd	10 J	--
Dibenzofuran	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	4 J	
Fluorene	--	--	--	nd	3 J	nd	nd	nd	nd	nd	nd	nd	5 J	--
Phenanthrene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	29	--
Anthracene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	8 J	--
Di-N-Butylphthalate	--	--	--	nd	nd	nd	18	nd	nd	nd	nd	nd	nd	
Fluoranthene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	21	--
Pyrene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	23	--
Benzo(A)Anthracene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	8 J	--
Chrysene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	10 J	--
Bis(2-Ethylhexyl)Phthalate	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--
Benzo(K)Fluoranthene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	8 J	
Benzo(A)Pyrene	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	7 J	
Total	--	--	--	61 J	18 J	14 J	53 J	nd	nd	8 J	nd	nd	201 J	--

-- indicates compound was not analyzed for.
nd indicates compound was not detected.
J indicates compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value.
All concentrations expressed in ug/l (ppb).
Sample DUP X-1 is a field duplicate of sample MW-3.

TABLE 4-10
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY
Summary of Detected Total Petroleum Hydrocarbons,
PCBs, and Metals in Groundwater
January 1992

	AREA 1	AREA 2			AREA 3							AREA 4			AREA 5
Soil Boring Number	SB-15	SB-19			SB-2	SB-4	DUP	SB-5							SB-14
Monitoring Well Number	MW-12	MW-13	MW-15	TW-1	MW-1	MW-3	X-1	MW-4	MW-6	MW-7	GW-2	MW-14	MW-16	GW-3	MW-11
TPH as gasoline (EPA method 5030)(ug/l)	nd	nd	nd	nd	1100	1600	1120	1900	nd	nd	820	nd	nd	42,000	nd
BTEX (624) (ug/l)															
Benzene	nd	nd	nd	nd	--	--	--	--	--	--	--	--	--	--	--
Toluene	nd	nd	nd	nd	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	nd	nd	nd	nd	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	nd	nd	nd	nd	--	--	--	--	--	--	--	--	--	--	--
TPH as diesel (EPA method 3510) (ug/l)	--	180	610	2,600	2600	5900	6000	7100	nd	220	6300	--	--	--	nd
Total Oil & Grease (EPA method 5520)(mg/l)	--	--	--	--	nd	8.9	13	29	nd	nd	12	--	--	--	--
PCB(EPA 8080)(ug/l)															
Aroclor-1260	--	--	--	--	nd	nd	nd	nd	nd	nd	nd	--	--	--	--
Aroclor-1248	--	--	--	--	3.5	nd	nd	nd	nd	nd	nd	--	--	--	--
Nickel (total)	--	59.3	nd	nd	--	--	--	--	--	--	--	--	--	--	--
Nickel (filtered)	--	54.1	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc (total)	--	8770	nd	nd	--	--	--	--	--	--	--	--	--	--	--
Zinc (filtered)	--	7890	--	--	--	--	--	--	--	--	--	--	--	--	--

-- indicates compound was not analyzed.
nd indicates compound was not detected.
sample DUP X-1 is a field duplicate of sample MW-3.

ANAMETRIX INC
Environmental & Analytical Chemistry
1961 Concourse Drive Suite E San Jose CA 95131
(408)432-8192 Fax 408)432-8198

REPORT

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201263
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9201263- 1	1:MW-12

This report consists of 11 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
Laboratory Director

2-11-92
Date

ANAMETRIX REPORT DESCRIPTION
GCMS

Organic Analysis Data Sheets (OADS)

OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Anametrix ID number.

Tentatively Identified Compounds (TICs)

TIC forms contain tabulated results for non-target compounds detected in GC/MS analyses. TICs must be requested at the time samples are submitted at Anametrix. TIC forms immediately follow the OADS form for each sample. If TICs are requested but not found, then TIC forms will not be included with the report.

Surrogate Recovery Summary (SRS)

SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labelled "Total Out".

Matrix Spike Recovery Form (MSR)

MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers

Anametrix uses several data qualifiers (Q) in it's report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- U - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- B - Indicates that the compound was detected in the associated method blank.
- J - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- E - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- D - Indicates that the compound was detected in an analysis performed at a secondary dilution.
- A - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 soil analyses.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201263
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9201263- 1	1:MW-12	WATER	01/28/92	624

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201263
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- No QA/QC problems.

Department Supervisor 2-7-92 Date

Chemist 2-10-92 Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01983
Sample ID : 1:MW-12
Matrix : WATER
Date Sampled : 1/28/92
Date Analyzed : 2/ 4/92
Instrument ID : MSD1

Anametrix ID : 9201263-01
Analyst :
Supervisor :

Dilution Factor : 1.00
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	5.	ND	U
108-88-3	Toluene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01983
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 2/ 4/92
Instrument ID : MSD1

Anametrix ID : 0204B001
Analyst : LY
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	5.	ND	U
108-88-3	Toluene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Matrix : LIQUID

Anametrix ID : 9201263
Analyst : [illegible]
Supervisor : [illegible]

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	100	99	99	0
2	1:MW-12	102	102	94	0
3	1:MW-MS	106	96	103	0
4	1:MW-MSD	99	96	106	0
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 1:MW-12
Matrix : WATER
Date Sampled : 1/28/92
Date Analyzed : 2/ 4/92
Instrument ID : MSD1

Anametrix ID : 9201263-01
Analyst : LY
Supervisor : W

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50.0	.0	49.2	98	48-148
Trichlorotrifluoroethan	50.0	.0	49.9	100	40-134
Methylene chloride	50.0	.0	48.6	97	64-162
Chloroform	50.0	.0	46.9	94	64-122
1,1,1-Trichloroethane	50.0	.0	45.1	90	54-122
Benzene	50.0	.0	48.7	97	52-136
1,2-Dichloroethane	50.0	.0	51.5	103	68-116
Trichloroethene	50.0	7.8	47.9	80	68-124
4-Methyl-2-pentanone	50.0	.0	64.0	128	56-152
Toluene	50.0	.0	48.4	97	66-124
Tetrachloroethene	50.0	.0	46.2	92	62-134
Chlorobenzene	50.0	.0	48.8	98	74-124
1,2-Dichlorobenzene	50.0	.0	38.2	76	74-140

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-Dichloroethene	50.0	44.6	89	10	25	48-148
Trichlorotrifluoroethan	50.0	46.0	92	8	25	40-134
Methylene chloride	50.0	45.5	91	7	25	64-162
Chloroform	50.0	43.2	86	8	25	64-122
1,1,1-Trichloroethane	50.0	40.8	82	10	25	54-122
Benzene	50.0	46.2	92	5	25	52-136
1,2-Dichloroethane	50.0	49.4	99	4	25	68-116
Trichloroethene	50.0	44.3	73	9	25	68-124
4-Methyl-2-pentanone	50.0	62.4	125	3	25	56-152
Toluene	50.0	46.0	92	5	25	66-124
Tetrachloroethene	50.0	43.4	87	6	25	62-134
Chlorobenzene	50.0	48.8	98	0	25	74-124
1,2-Dichlorobenzene	50.0	47.2	94	21	25	74-140

* Value is outside of Anametrix QC limits

RPD: 0 out of 13 outside limits
Spike Recovery: 0 out of 26 outside limits

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201263
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9201263- 1	1:MW-12	WATER	01/28/92	TPHg

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201263
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for this sample.

Cheryl Balmer 2/5/92
Department Supervisor Date

Chemist 2.5.92
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9201263
Matrix : WATER
Date Sampled : 01/28/92

Project Number : 02345-01983
Date Released : 02/03/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# 1;MW-12 -01	Sample I.D.# 12B0130A BLANK
TPH as Gasoline	50	ND	ND
% Surrogate Recovery		86%	98%
Instrument I.D.		HP12	HP12
Date Analyzed		01/30/92	01/30/92
RLMF		1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 2.5.92 Date

Supervisor 2/5/92 Date

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/FID

Sample I.D. : N/A
Matrix : WATER
Date Sampled : 01/28/92
Date Analyzed : 01/30/92

Anametrix I.D. : 9201269-06
Analyst : CF
Supervisor : B
Date Released : 02/05/92
Instrument ID : HP12

COMPOUND	SPIKE AMT. (PPM)	MS (PPM)	%REC MS	MSD (PPM)	%REC MSD	RPD	%REC LIMITS
Gasoline	1.0	1.10	110%	1.20	120%	9%	50-150
P-BFB			113%		120%		53-147

* Limits established by Anametrix, Inc.

Are. 6. es

~~Date Hand scan~~

NOTE: SAMPLES SENT with trip blank in cooler for Area 4 samples

Dunn Geoscience Corp.
12 Metro Park Road
Albany, N.Y. 12205 (518) 458-1313

~~9201271~~ ~~9201263~~ 9201263 (15) 7T 1810 (2)

DUNN GEOSCIENCE CORP

Client Name: AMERICAN NATIONAL CAN CO.	DGC Contact: EDWARD ALLISON
Project No.: 02345-0983	Laboratory Contact: JENNIFER PAYNE
Site Location: Oakland Ca	Lab Identification:
	Date Report Required:
Sampler: WALTER O. HOWARD	

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	Analysis ~~Comment~~ WO4 1/201
AREA 1: MW-12	1-28-92	1120	WATER	Bailer	NYLON ROPE	3x40 ML	HCL	Grab	TPH as Gas (3550 (5030) ~~or BTEX (624)~~
"	"	"	"	"	"	2x40 ML	HCL	Grab	BTEX (624)

Walter O. Howard 1/28/92

CUSTODY SEAL
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Date 1/29/92
Signature Walter O. Howard

	Name	Affiliation	Date	Time		Name	Date	Time
Relinquished by:	Walter O. Howard	DUNN	1/29/92	1520	Received by Laboratory:	[illegible]	012992	16[illegible]
Received by:	[illegible]	ANAMETRIX	1/29/92	1520	Samples Intact & Properly Preserved: Yes or No			
Relinquished by:	[illegible]	ANAMETRIX	1/29/92	1620	Laboratory Comments:			
Received by:								

ANAMETRIX INC

REPORT

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201267
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9201267- 1	5:MW-11

This report consists of 13 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Sarah Schoen, Ph.D.
Laboratory Director

2-12-92
Date

ANAMETRIX REPORT DESCRIPTION
GCMS

Organic Analysis Data Sheets (OADS)

OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Anametrix ID number.

Tentatively Identified Compounds (TICs)

TIC forms contain tabulated results for non-target compounds detected in GC/MS analyses. TICs must be requested at the time samples are submitted at Anametrix. TIC forms immediately follow the OADS form for each sample. If TICs are requested but not found, then TIC forms will not be included with the report.

Surrogate Recovery Summary (SRS)

SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labelled "Total Out".

Matrix Spike Recovery Form (MSR)

MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers

Anametrix uses several data qualifiers (Q) in it's report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- U - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- B - Indicates that the compound was detected in the associated method blank.
- J - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- E - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- D - Indicates that the compound was detected in an analysis performed at a secondary dilution.
- A - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 soil analyses.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

PG/3274

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201267
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9201267- 1	5:MW-11	WATER	01/28/92	624

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201267
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- No QA/QC problems.

David Martin 2-12-92
Department Supervisor Date

Chemist 2-12-92
Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 5:MW-11
Matrix : WATER
Date Sampled : 1/28/92
Date Analyzed : 2/ 4/92
Instrument ID : MSD1

Anametrix ID : 9201267-01
Analyst : LY
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
110-75-8	2-Chloroethylvinyl ether	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	4.	J
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	4.	J

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 2/ 4/92
Instrument ID : MSD1

Anametrix ID : 0204B001
Analyst : H
Supervisor : WH

Dilution Factor : 1.00
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
110-75-8	2-Chloroethylvinyl ether	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Matrix : LIQUID

Anametrix ID : 9201267
Analyst : [illegible]
Supervisor : [illegible]

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	100	99	99	0
2	5:MW-11	102	101	97	0
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 1:MW-12
Matrix : WATER
Date Sampled : 1/28/92
Date Analyzed : 2/ 4/92
Instrument ID : MSD1

Anametrix ID : 9201263-01
Analyst : 4
Supervisor : LH

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50.0	.0	49.2	98	48-148
Trichlorotrifluoroethan	50.0	.0	49.9	100	40-134
Methylene chloride	50.0	.0	48.6	97	64-162
Chloroform	50.0	.0	46.9	94	64-122
1,1,1-Trichloroethane	50.0	.0	45.1	90	54-122
Benzene	50.0	.0	48.7	97	52-136
1,2-Dichloroethane	50.0	.0	51.5	103	68-116
Trichloroethene	50.0	7.8	47.9	80	68-124
4-Methyl-2-pentanone	50.0	.0	64.0	128	56-152
Toluene	50.0	.0	48.4	97	66-124
Tetrachloroethene	50.0	.0	46.2	92	62-134
Chlorobenzene	50.0	.0	48.8	98	74-124
1,2-Dichlorobenzene	50.0	.0	38.2	76	74-140

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-Dichloroethene	50.0	44.6	89	10	25	48-148
Trichlorotrifluoroethan	50.0	46.0	92	8	25	40-134
Methylene chloride	50.0	45.5	91	7	25	64-162
Chloroform	50.0	43.2	86	8	25	64-122
1,1,1-Trichloroethane	50.0	40.8	82	10	25	54-122
Benzene	50.0	46.2	92	5	25	52-136
1,2-Dichloroethane	50.0	49.4	99	4	25	68-116
Trichloroethene	50.0	44.3	73	9	25	68-124
4-Methyl-2-pentanone	50.0	62.4	125	3	25	56-152
Toluene	50.0	46.0	92	5	25	66-124
Tetrachloroethene	50.0	43.4	87	6	25	62-134
Chlorobenzene	50.0	48.8	98	0	25	74-124
1,2-Dichlorobenzene	50.0	47.2	94	21	25	74-140

* Value is outside of Anametrix QC limits

RPD: 0 out of 13 outside limits
Spike Recovery: 0 out of 26 outside limits

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201267
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9201267- 1	5:MW-11	WATER	01/28/92	TPHd
9201267- 1	5:MW-11	WATER	01/28/92	TPHg

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9201267
Date Received : 01/29/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for this sample.

Department Supervisor — Date 2/12/92

Chemist — Date 2/12/92

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9201267
Matrix : WATER
Date Sampled : 01/28/92

Project Number : 02345-01983
Date Released : 02/05/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# 5:MW-11 -01	Sample I.D.# 12B0130A BLANK
TPH as Gasoline	50	ND	ND
% Surrogate Recovery		93%	98%
Instrument I.D.		HP12	HP12
Date Analyzed		01/30/92	01/30/92
RLMF		1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst 2/11/92 Date

Supervisor 2/11/92 Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9201267
Matrix : WATER
Date Sampled : 01/28/92
Date Extracted: 02/04/92

Project Number : 02345-01983
Date Released : 02/10/92
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9201267-01	5:MW-11	02/07/92	50	ND
DWBL020492	METHOD BLANK	02/07/92	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50ug/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Analyst — Date: 2/11/92

Supervisor — Date: 2/11/92

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/FID

Sample I.D. : N/A
Matrix : WATER
Date Sampled : 01/28/92
Date Analyzed : 01/30/92

Anametrix I.D. : 9201269-06
Analyst :
Supervisor :
Date Released : 02/05/92
Instrument ID : HP12

COMPOUND	SPIKE AMT. (PPM)	MS (PPM)	%REC MS	MSD (PPM)	%REC MSD	RPD	%REC LIMITS
Gasoline	1.0	1.10	110%	1.20	120%	9%	50-150
P-BFB			113%		120%		53-147

* Limits established by Anametrix, Inc.

TOTAL EXTRACTABLE HYDROCARBON METHOD SPIKE REPORT
EPA METHOD 3510 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD SPIKE
Matrix : REAGENT WATER
Date Sampled : N/A
Date Extracted: 02/04/92
Date Analyzed : 02/07/92

Anametrix I.D. : SPK020492
Analyst : I
Supervisor : CD
Date Released : 02/10/92
Instrument I.D.: HP 23

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
Diesel	1250	1300	104%	1300	104%	0%	36-150

* Limits established by Anametrix, Inc.

AREA 5 SAMPLING
NOTE: VOC SAMPLE IN COOLER WITH TRIP BLANK (AREA 4 SAMPLES)

Dunn Geoscience Corp.
12 Metro Park Road
Albany, N.Y. 12205 (518) 458-1313

9201267

Client Name: AMERICAN NATIONAL CAN CO.	DGC Contact: EDWARD ALLISON
Project No.: 02345-0983	Laboratory Contact: JENNIFER PAYNE
Site Location: OAKLAND, CA.	Lab Identification:
	Date Report Required:
Sampler: WALTER O. HOWARD	

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	~~Comment~~ Analyses
(1) AREA 5: MW-11	1-28-92	1545	WATER	Bailer	NYLON ROPE	2 x 40 ML	HCL	Grab	VOCs (624) w/ XYLENES
↓	↓	↓	↓	↓	↓	3 x 40 ML	HCL	↓	TPH as Gas (5030)
						2 x 1 liter	N		TPH as Diesel (3510)

Walter O. Howard 1/28/92

	Name	Affiliation	Date	Time
Relinquished by:	Walter O. Howard	Dunn	1/29/92	1520
Received by:	Benny S. Carrizosa	ANAMETRIX	1/29/92	1520
Relinquished by:	Benny S. Carrizosa	ANAMETRIX	1/29/92	1620
Received by:				

	Name	Date	Time
Received by Laboratory:	[illegible]	012992	1620

Samples Intact & Properly Preserved: (Yes) or No

Laboratory Comments: [illegible]