DUNN CORPORATION
Engineers, Geologists, Environmental Scientists
12 Metro Park Road
Albany, New York 12205
tel 518-458-1313
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March 27, 1992

Mr. Dennis Byrne
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Dear Mr Byrne:

Subject: American National Can Company
3801 East 8th Street, Oakland, California

In conjunction with the preparation of remediation work plans for the subject site, additional soil borings were emplaced and monitoring wells installed during the week of February 3, 1992. Enclosed are the data generated as a result of those activities.

Two monitoring wells (MW-17 and MW-21) were installed in Area 2 and three monitoring wells (MW-18, MW-19 and MW-20) were installed in Area 3. A soil boring (SB-4-7) was also installed in Area 4. The wells were developed on February 6, 1992 and then sampled on February 26 and 27, 1992. Soil samples from soil borings were not sent to a laboratory for chemical analysis. However, a photoionization detector (PID) headspace analysis was performed on each soil sample collected.

The data package submitted with this letter includes:

- Figure 1, a map showing the locations of the newest soil boring and monitoring wells;
- Table 1, a summary of ground water analytical results of samples collected from the 5 newest wells;
- Plate 9, a ground water contour map of water level measurements recorded on February 25, 1992;
- Soil boring and monitoring well completion logs for each new drilling location; and,
- Complete laboratory analytical reports for the latest ground water samples analyzed.

The data resulting from these activities are consistent with earlier conclusions regarding the nature and extent of subsurface impact at the site.

If you have any questions or concerns regarding this data package, or the project in general, please do not hesitate to contact me.

Very truly yours,

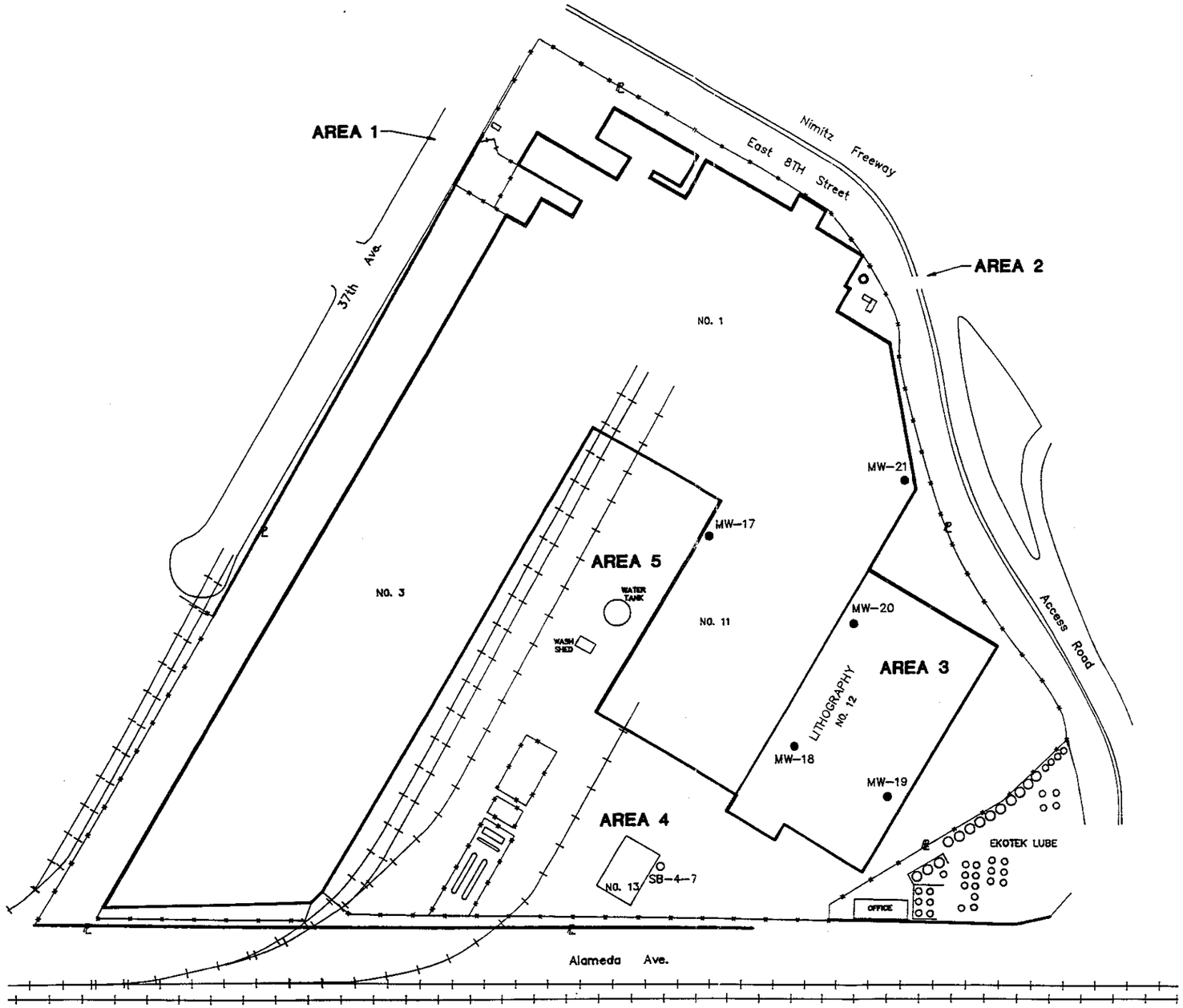
DUNN CORPORATION

Edward W. Alusow
Senior Project Manager

EWA:ce

enclosures

cc: E. So, RWQCB
J. Peters, ANC
J. Moran, ANC



LEGEND

MONITORING WELL
(INSTALLED BY DUNN GEOSCIENCE)

MONITORING WELL
(INSTALLED BY OTHERS)

DUNN GEOSCIENCE CORPORATION
12 Metro Park Road
Albany, NY 12205

SITE MAP
AMERICAN NATIONAL CAN CO.

TOWN OF OAKLAND — ALAMEDA COUNTY, CA

PROJECT NO. 02345 – 01983		DWG. NO. TEMP9028
SCALE: 1"=150'	DATE 11/7/91	FIGURE NO. 1

TABLE 1
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY
Summary of Groundwater Analytical Results
February, 1992

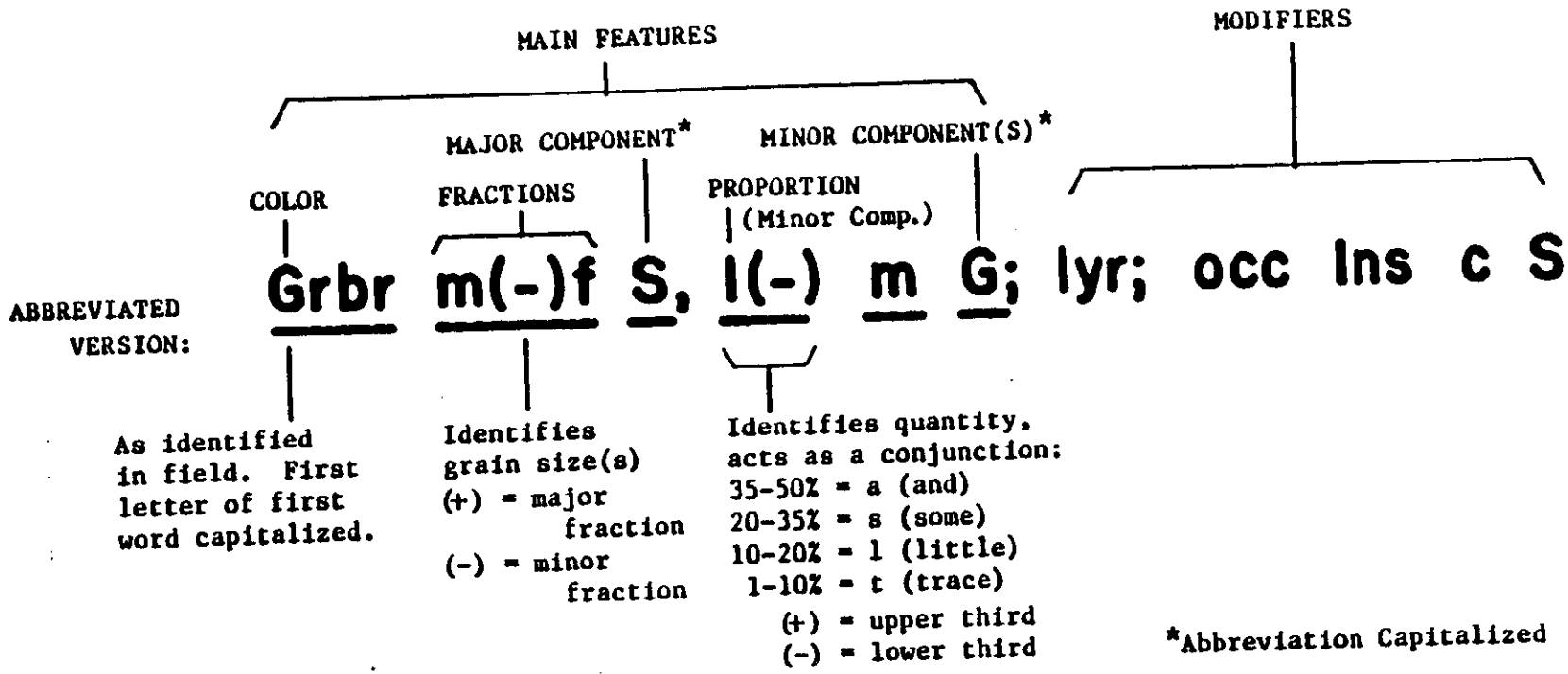
Analysis	Monitoring Well Number				
	MW-17	MW-18	MW-19	MW-20	MW-21
Volatile Organics (EPA Methods 624)(ug/l)					
Dilution Factor	1.00	1.00	1.00	1.00	1.00
Benzene	nd	nd	**13**	nd	nd
Tetrachloroethene	nd	nd	nd	**2 J**	nd
Chlorobenzene	nd	nd	**42**	nd	nd
Ethylbenzene	nd	nd	**4 J**	nd	nd
Total Xylenes	nd	nd	**9**	nd	nd
1,3-Dichlorobenzene	nd	nd	**4 J**	nd	nd
1,4-Dichlorobenzene	nd	nd	**24**	nd	nd
1,2-Dichlorobenzene	nd	nd	**39**	nd	nd
TICs (Total)	nd	nd	**130 J**	nd	nd
Semi-Volatile Organics (EPA Methods 625) (ug/l)					
Dilution Factor	1.00	1.00	5.00	1.00	1.00
1,4-Dichlorobenzene	nd	nd	**22 J**	nd	nd
1,2-Dichlorobenzene	nd	nd	**30 J**	nd	nd
Naphthalene	nd	nd	**19 J**	nd	nd
2 Methylnaphthalene	nd	nd	**59.0**	nd	nd
Pentachlorophenol	**13 J**	nd	nd	nd	nd
TICs (total)	**10 J**	**20 J**	**360 J**	**31 J**	**18 J**
TPH as gasoline (EPA Method 5030) (ug/l)	nd	nd	**1,500**	nd	nd
TPH as diesel (EPA Method 3510) (ug/l)	**110**	nd	**6,000**	nd	**55**
Total oil & grease (EPA Method 5520) (mg/l)	nd	nd	**22**	nd	nd
PCBs (EPA Method 8080) (ug/l)	nd	nd	nd	nd	nd
METALS (ug/l)					
Nickel (total)	nd	--	--	--	**152**
Nickel (filtered)	nd	--	--	--	nd
Zinc (total)	nd	--	--	--	**30.8**
Zinc (filtered)	nd	--	--	--	nd

NOTES:
nd : Indicates compound was not detected.
- - : Indicates compound was not analyzed for
J : Indicates compound was detected below the reporting limit and should be considered an approximate value.

KEY TO BORING LOG SYMBOLS

Symbol	Meaning
 SS	Standard Split Spoon
 ST	Shelby Tube Sampler
	Water Table Elevation on Date of Measurement
PID	Photoionization Detector Readings
Spoon = 0.4	PID Result of Opened Soil Sampler
HS = 78	PID Result of Headspace Screening

MODIFIED BURMISTER SYSTEM



UNABBREVIATED VERSION: **Gray brown medium (-) to fine SAND, little (-) medium Gravel; layered; occasional lens coarse Sand (SP).**

UNIFIED SOIL CLASSIFICATION:** Adequate for a generalized stratum description.

Dunn Geoscience Corporation uses a modified BURMISTER SYSTEM for detailed identification of soil components, fractions, and proportions. The UNIFIED SOIL CLASSIFICATION,** based upon field data, is also presented.

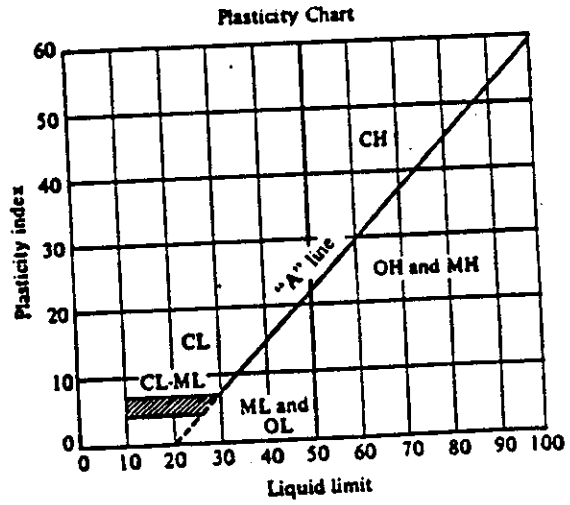
UNIFIED SOIL CLASSIFICATION SYSTEM. (ASTM D-2487)

Major Divisions			Group Symbols	Typical Names	Laboratory Classification Criteria
Coarse-grained soils (More than half of material is larger than No. 200 sieve size)	Gravels (More than half of coarse fraction is larger than No. 4 sieve size)	Clean gravels (Little or no fines)	GW	Well-graded gravels, gravel-sand mixtures, little or no fines	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3
			GP	Poorly graded gravels, gravel-sand mixtures, little or no fines	Not meeting all gradation requirements for GW
		Gravels with fines (Appreciable amount of fines)	GM[a] d / u	Silty gravels, gravel-sand-silt mixtures	Atterberg limits below "A" line or P.I. less than 4
			GC	Clayey gravels, gravel-sand-clay mixtures	Atterberg limits below "A" line with P.I. greater than 7
	Sands (More than half of coarse fraction is smaller than No. 4 sieve size)	Clean sands (Little or no fines)	SW	Well-graded sands, gravelly sands, little or no fines	$C_u = \frac{D_{60}}{D_{10}}$ greater than 6; $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3
			SP	Poorly graded sands, gravelly sands, little or no fines	Not meeting all gradation requirements for SW
		Sands with fines (Appreciable amount of fines)	SM[a] d / u	Silty sands, sand-silt mixtures	Atterberg limits above "A" line or P.I. less than 4
			SC	Clayey sands, sand-clay mixtures	Atterberg limits above "A" line with P.I. greater than 7
Fine-grained soils (More than half material is smaller than No. 200 sieve)	Silts and clays (Liquid limit less than 50)		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands, or clayey silts with slight plasticity	
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	
			OL	Organic silts and organic silty clays of low plasticity	
	Silts and clays (Liquid limit greater than 50)		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	
			CH	Inorganic clays of high plasticity, fat clays	
			OH	Organic clays of medium to high plasticity, organic silts	
	Highly organic soils		Pt	Peat and other highly organic soils	

Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:
- Less than 5 per cent — GW, GP, SW, SP
- More than 12 per cent — GM, GC, SM, SC
- 5 to 12 per cent — *Borderline* cases requiring dual symbols[b]

Above "A" line with P.I. between 4 and 7 are *borderline* cases requiring use of dual symbols

Limits plotting in hatched zone with P.I. between 4 and 7 are *borderline* cases requiring use of dual symbols



[a] Division of GM and SM groups into subdivisions of d and u are for roads and airfields only. Subdivision is based on Atterberg limits; suffix d used when L.L. is 28 or less and the P.I. is 6 or less, the suffix u used when L.L. is greater than 28.

[b] Borderline classifications, used for soils possessing characteristics of two groups, are designated by combinations of group symbols. For example: GW-GC, well-graded gravel-sand mixture with clay binder.

VISUAL IDENTIFICATION OF SAMPLES

The samples were identified in accordance with the American Society for Engineering-Education System of Definition.

I. Definition of Soil Components and Fractions

Material	Symbol	Fraction	Sieve Size	Definition
Boulders	Bldr	—	9" +	Material retained on 9" sieve.
Cobbles	Cbl	—	3" to 9"	Material passing the 9" sieve and retained on the 3" sieve.
Gravel	G	coarse (c) medium (m) fine (f)	1" to 3" ⅜" to 1" No. 10 to ⅜"	Material passing the 3" sieve and retained on the No. 10 sieve.
Sand	S	coarse (c) medium (m) fine (f)	No. 30 to No. 10 No. 60 to No. 30 No. 200 to No. 60	Material passing the No. 10 sieve and retained on the No. 200 sieve.
Silt	$	—	Passing No. 200 (0.074 mm)	Material passing the No. 200 sieve that is non-plastic in character and exhibits little or no strength when air dried.

Organic Silt (O$)
Material passing the No. 200 sieve which exhibits plastic properties within a certain range of moisture content, and exhibits fine granular and organic characteristics.

		Plasticity	Plasticity Index
Clayey SILT	Cy$	Slight (Sl)	1 to 5
SILT & CLAY	$&C	Low (L)	5 to 10
CLAY & SILT	C&$	Medium (M)	10 to 20
Silty CLAY	$yC	High (H)	20 to 40
CLAY	C	Very High (VH)	40 plus

Clay-Soil
Material passing the No. 200 sieve which can be made to exhibit plasticity and clay qualities within a certain range of moisture content, and which exhibits considerable strength when air-dried.

II. Definition of Component Proportions

Component	Written	Proportions	Symbol	Percentage Range by Weight *
		—		50 or more
Principal	CAPITALS	and	a.	35 to 50
Minor	Lower Case	some	s.	20 to 35
		little	l.	10 to 20
		trace	t.	1 to 10

* Minus sign (—) lower limit, plus sign (+) upper limit, no sign middle range.

III. Glossary of Modifying Abbreviations

Category	Symbol	Term	Symbol	Term	Symbol	Term
A. Borings	U/D	Undisturbed	E	Exploratory	A	Auger
B. Samples	C	Casing	L	Lost	U	Undisturbed
	D	Denison	S	Spoon	W	Wash
	O.E.	Open End				
C. Colors	bk	black	gn	green	wh	white
	bl	blue	or	orange	yw	yellow
	br	brown	rd	red	dk	dark
	gr	gray	tn	tan	lt	light
D. Organic Soils	dec	decayed	o	organic	veg	vegetation
	dec'g	decaying	rts	roots	pt	peat
	lig	lignite	ts	topsoil		
E. Rocks	LS	Limestone	rk	rock	Shst	Schist
	Gns	Gneiss	SS	Sandstone	Sh	Shale
F. Fill and Miscellaneous Materials	bldr (s)	boulder (s)	cbl (s)	cobble(s)	gls	glass
	brk (s)	brick (s)	wd	wood	misc	miscellaneous
	cndr (s)	cinder (s)	dbr	debris	rbl	rubble
G. Miscellaneous Terms	do	ditto	pp	pocket penetrometer	ref	refusal
	el, El	elevation			sm	small
	fgmt (s)	fragment(s)	P. I.	Plasticity Index	W. L.	water level
	frqt	frequent			W. H.	weight of hammer
	lrg	large	P	pushed pressed	W. R.	weight of rods
	mtld	mottled				
	no rec	no recovery	pc (s)	piece (s)		
	pen	penetration	rec or R	recovered		
H. Stratified Soils	alt	alternating				
	thk	thick				
	thn	thin				
	w	with				
	prt	parting	— 0 to 1/16" thickness			
	seam	seam	— 1/16 to ½" thickness			
	lyr	layer	— ½ to 12" thickness			
	stra	stratum	— greater than 12" thickness			
	vvd c	varved Clay	— alternating seams or layers of sand, silt and clay			
	pkt	pocket	— small, erratic deposit, usually less than 1 foot			
	lns	lens	— lenticular deposit			
	occ	occasional	— one or less per foot of thickness			
	freq	frequent	— more than one per foot of thickness			

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-17

PROJECT	OAKLAND SUBSURFACE INVEST.					SHEET	1 OF 2
CLIENT	AMERICAN NATIONAL CAN COMPANY					JOB No.	02345-01983
DRILLING CONTRACTOR	EXCELTECH DRILLING					MEAS. PT. ELEV.	9.09'
PURPOSE	MONITORING WELL INSTALLATION					GROUND ELEV.	9.7'
DRILLING METHOD	HSA		SAMPLE	CORE	CASING	DATUM	GRADE
DRILL RIG TYPE	MOBILE B-53	TYPE	SS	-	HSA	DATE STARTED	01/31/92
GROUNDWATER ELEV.	4.28'	DIA.	2" OD	-	4 1/4" ID	DATE FINISHED	01/31/92
MEASURING POINT	Top of PVC	WEIGHT	140#			DRILLER	CAM WHITTY
DATE OF MEASUREMENT	2/25/92	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 cobble fill of railroad bed.		PID Bkgd = 8.0' All readings in ppm
2							
4	S-1	4 4 5	CH		Br C&$ t, f S, soft; sm blk inclusions		Rec = 1.5' Damp PID Spoon = Bkgd Hs = 12.2
6	S-2	5 7 9	ML		Br mf(+) S, l $&C; soft, sm blk inclusions Brown medium to fine SAND, and Silt & Clay. (FLUVIAL)		Rec = 1.5' Moist PID Spoon = Bkgd Hs = 12.4
8	S-3	5 5 7	ML		Same; w/sm wet seams and partings of cmf(+) S, l $; NOTE: Some wood fibers with slight hydrocarbon ordor in top spoon, this is probably surface RR bed materials carried down with augers.		Rec = 1.5' Wet PID Spoon = Bkgd Hs= 36.0

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-17
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-4	5 7 12	SM		Lt br mf(+) S, l $; frm; no odor <u>Brown coarse to fine SAND, trace Silt, little medium to fine Gravel.</u> (FLUVIAL)		Rec = 1.4' Damp PID Spoon = Bkgd Hs = 22.0
12	S-5	9 19 22	SW		Br c(-) mf S, t $; loose, no odor 13.0'; blk br cmf S, t $, l mf G; loose, no odor		Rec = 1.2' Wet PID Spoon = Bkgd Hs = 12.6
14	S-6	15 29 50/.4	SW		Br mf S; coarsening downward to f G a, mf S @ 14.0' 14.0': Dk Gr br cmf S, S(-) $, lf G; very hard and compact	-5.3 15.0	Rec = 1.4' Moist PID Spoon = Bkgd Hs = 12.6
					Bottom of Boring Auger to 15.0'		

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-18

PROJECT	OAKLAND SUBSURFACE INVEST.					SHEET 1 OF 2	
CLIENT	AMERICAN NATIONAL CAN COMPANY					JOB No.	02345-01983
DRILLING CONTRACTOR	EXCELTECH DRILLING					MEAS. PT. ELEV.	13.10'
PURPOSE	MONITORING WELL INSTALLATION					GROUND ELEV.	13.4'
DRILLING METHOD	HSA		SAMPLE	CORE	CASING	DATUM	GRADE
DRILL RIG TYPE	MOBILE B-53	TYPE	SS	-	HSA	DATE STARTED	02/03/92
GROUNDWATER ELEV.	3.92'	DIA.	2" OD	-	4 1/4" ID	DATE FINISHED	02/03/92
MEASURING POINT	Top of PVC	WEIGHT	140#			DRILLER	CAM WHITTY
DATE OF MEASUREMENT	2/25/92	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 slab and base fill gravel from 0' - 1'.		PID Bkgd = 2.0 All readings in ppm
2	S-1	8 12 20	CH		Blk dk gr $yC; dense, very hard, plastic, no odor; org Black dark gray SILTY CLAY		Rec = 0.8' Dry PID Spoon = 4.0 Hs = 12.2
4					(TIDAL MARSH)	9.4	
					CONTACT INFERRED	4.0	
6	S-2	8 12 12	ML		Br $&C l(-); mf(+) s; dense, very hard, no odor Coarsening downward to Lt br Cy$ s, mf(+) S at tip; occ f G		Rec = 1.5' Dry PID Spoon = 6.0 Hs = 12.0
8					Brown SILT and CLAY little, medium to fine Sand. (FLUVIAL)		

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-18
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	5 10 13	ML SW		Br Cy$ a, cmf(+) S, t f G 11.1': Br cmf S, l(-) $, l mf(+) G		Rec = 1.5' Moist PID Spoon = Bkgd 12.0
12					Driller notes some gravel @ 12' - 12.5'		
14	S-4	8 6 10	SP		Br m(+)f S, l(-) $; occ seams of c(+) mf S, l f G and seams of $&C l, mf S, t f G (dense) Brown coarse to fine SAND, trace Silt, and medium to fine Gravel.		Rec = 1.2' Wet PID Spoon = Bkgd Hs = 11.8
16	S-5	6 6 10	SW		Br cmf S, t $, a mf G 16.1': Br rd mf(+) S, l $, t f G		Rec = 1.4' Wet PID Spoon = Bkgd Hs = 11.6
18	S-6	15 14 13	GW		Br cmf G a, c(+) mf s; G Rdd-sbang; seam of cmf G a, cmf S, s $ at 17.5'		Rec = 1.1' Wet PID Spoon = Bkgd Hs = 12.2
	S-7	10 25 27	SW		Br cmf s, t $, l mf(+) G; loose (FLUVIAL)		Rec = 1.2' Wet PID Spoon = Bkgd Hs = 11.8
20					Bottom of Boring Auger to 18.5'	20.0	

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-19

PROJECT	OAKLAND SUBSURFACE INVEST.					SHEET	1 OF 2
CLIENT	AMERICAN NATIONAL CAN COMPANY					JOB No.	02345-01983
DRILLING CONTRACTOR	EXCELTECH DRILLING					MEAS. PT. ELEV.	13.12'
PURPOSE	MONITORING WELL INSTALLATION					GROUND ELEV.	13.4'
DRILLING METHOD	HSA		SAMPLE	CORE	CASING	DATUM	GRADE
DRILL RIG TYPE	MOBILE B-53	TYPE	SS	-	HSA	DATE STARTED	02/03/92
GROUNDWATER ELEV.	3.88'	DIA.	2" OD	-	4 1/4" ID	DATE FINISHED	02/04/92
MEASURING POINT	Top of PVC	WEIGHT	140#			DRILLER	CAM WHITTY
DATE OF MEASUREMENT	2/25/92	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 slab and base fill Gravel from 0.2'		PID Bkgd = 1.5 All readings in ppm
2	S-1 5 10 13	CH		Blk $yc; occ c S; very plastic, dense, org slight petroleum like odor Black SILTY CLAY (TIDAL MARSH)	8.9 4.5	Rec = 1.0' Dry PID Spoon = 20 Hs = 68.0
6	S-2 6 10 13	SM		CONTACT INFERRED Gr lt br cmf(+) S, a $; 5.9': Gn $yC l, mf S; rts, org		Rec = 1.5' Dry PID Spoon = 20 Hs = 65.0
8				Green ligiht brown coarse to fine SAND, and Silty Clay. (FLUVIAL)		

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-19
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	2 3 4	SP		Gn br mf S, l(+) $ 10.4': Gn br $&C l, mf(+) S; mod stiff; moist seams w/sm residual product, strong odor		Rec = 1.5' Moist PID Spoon = 90 Hs = 194
12							
14	S-4	4 7 11	SP		Gn mf(+) s a, $; occ G fgmts; mod stiff; becoming coarse and moist at tip; strong odor		Rec = 1.1' Damp PID Spoon = 45 Hs = 280
16	S-5	10 18 22	SW		Dk Gr cmf S, l(-) $, s mf(+) G; sm odor, loose, G sbrdd		Rec = 0.7' Moist PID Spoon = 28 Hs = 270
					<u>Green gray coarse to fine SAND, little Silt, some medium to fine gravel.</u> (FLUVIAL)		
18	S-6	12 16 24	SW		Br cmf(+) S, s $; coarsening downward to Gr br cmf S, l(-) $, l mf(+) G at tip		Rec = 1.4' Moist PID Spoon = 10.5 Hs = 52
						-6.1 19.5	
					Bottom of Boring Auger to 18.2'		

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-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.	13.14'
PURPOSE	MONITORING WELL INSTALLATION					GROUND ELEV.	13.5'
DRILLING METHOD	HSA		SAMPLE	CORE	CASING	DATUM	GRADE
DRILL RIG TYPE	MOBILE B-53	TYPE	SS	-	HSA	DATE STARTED	02/04/92
GROUNDWATER ELEV.	4.02'	DIA.	2" OD	-	4 1/4" ID	DATE FINISHED	02/04/92
MEASURING POINT	Top of PVC	WEIGHT	140#			DRILLER	CAM WHITTY
DATE OF MEASUREMENT	2/25/92	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 slab and base fill Gravel; 0 - 2'		PID Bkgd = 1.0 All readings in ppm
2	S-1	5 10 13	CH		Blk $yC; hard; plastic; org; no odor Black SILTY CLAY. (TIDAL MARSH)	10.7	Rec = 1.1' Dry PID Spoon = Bkgd Hs = 11.8
					Br $&C l(+), mf(+) S; hard, no odor	2.8	
4							
6	S-2	6 16 20	ML		Br Cy$ s(-), c(-) mf(+) S; cbbl fgmt @ 6.0'; sm blk inclusions; hard; no odor		Rec = 1.4' Dry PID Spoon = Bkgd Hs = 12.0
8					Brown SILTY CLAY some (-), coarse (-) to fine (+) Sand. (FLUVIAL)		

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-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
	S-3	5 8 12	GM		Br rd cmf G a, cmf(+) s, s(-) $; dense; Fe stain @10.9'; G avg-sbrdd; no odor		Rec = 1.3' Moist PID Spoon = Bkgd Hs = 12.0
12							
	S-4	13 12 11	GP ML		Br gr mf G a, cmf S, t $; mod loose 14.1': Br $&C l, f S, t f G; dense		Rec = 1.3' Wet PID Spoon = Bkgd Hs = 12.0
14							
	S-5	8 11 13	SW		Br gr c(+) mf S a, mf(+) G; v loose; Brown gray coarse to fine SAND, little Silt, and medium to fine Gravel. (FLUVIAL)		Rec = 1.3' Wet PID Spoon = Bkgd Hs = 12.0
16							
	S-6	6 8 13	ML SW		Br $ a, c(-) mf(+) S; dense 17.8'; Br cmf s, l(-) $; loose		Rec = 1.0' Moist PID Spoon = Bkgd Hs = 12.3
18						-5.0 18.5	
					Bottom of Boring Auger to 18.0'		

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-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.	12.86'
PURPOSE	MONITORING WELL INSTALLATION					GROUND ELEV.	13.4'
DRILLING METHOD	Hollow Stem Auger		SAMPLE	CORE	CASING	DATUM	GRADE
DRILL RIG TYPE	DIETRICH D-25	TYPE	SS	-	HSA	DATE STARTED	02/05/92
GROUNDWATER ELEV.	3.93'	DIA.	2" OD	-	4 1/4" ID	DATE FINISHED	02/05/92
MEASURING POINT	Top of PVC	WEIGHT	140#			DRILLER	CAM WHITTY
DATE OF MEASUREMENT	2/25/92	FALL	30"			INSPECTOR	WALTER HOWARD

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
					0 - 1': Concrete slab and base fill gravel		PID Bkgd = 6.0 All readings in ppm
2	S-1	12 13 20	MH		Br Cy$ s, mf(+) s; sm blk inclusions; dense; no odor		Rec = 0.6' Dry PID Spoon = Bkgd Hs = 16.4
4					Brown CLAYEY SILT some (+), coarse to fine (+) Sand, trace fine Gravel		
6	S-2	11 14 25	MH		Same 5.5': Br Cy$ a, cmf S, t f G; dense; no odor		Rec = 1.6' Dry PID Spoon = Bkgd Hs = 16.4
8					(FLUVIAL)		

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. MW-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 CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
	S-3	5 12 20			No recovery, cbl fgmt lodged in spoon tip.		Rec = 0'
12	S-4	25 25 20	SW		Rd br cmf S, t $; loose; no odor Red brown gray coarse to fine SAND, trace Silt, little (+) medium to fine Gravel. (Fluvial)		Rec = 0.6' Moist PID Spoon = Bkgd Hs = 15.5
14	S-5	7 9 9	SW		Gr br c(+) mf S, t f G; loose; fining upwards		Rec = 1.3' Wet PID Spoon = Bkgd Hs = 16.6
16	S-6	10 12 18	GP		Gr br mf G s, cmf S; G ang-sbrdd 15.2': Gr br cmf S, l(+) $, t f G; dense; coarsening downward to cmf(+) S, t f g at tip		Rec = 1.0' Wet/Moist PID Spoon = Bkgd Hs = 16.5
					NOTE: S-7 blow counts obtained w/only ~20" fall of hammer		
18	S-7	5 8 8	SW MH		Gr br cmf S, t $, l(+) mf G; fining upwards 17.7': Br $&C l, mf(+) S, t mf g; dense; stiff	-5.1 18.5	Rec = 1.3' PID Spoon = Bkgd Hs = 16.8
					Bottom of Boring Auger to 18.0'		

Dunn Corporation Albany, NY 12205 (518)458-1313	TEST BORING LOG	BORING No. SB-4-7

PROJECT	OAKLAND SUBSURFACE INVEST.				SHEET	1 OF 1
CLIENT	AMERICAN NATIONAL CAN COMPANY				JOB No.	02345-01983
DRILLING CONTRACTOR	EXCELTECH DRILLING				MEAS. PT. ELEV.	———
PURPOSE	SUBSURFACE SOIL SAMPLING				GROUND ELEV.	12.5'
DRILLING METHOD	HOLLOW STEM AUGER	SAMPLE	CORE	CASING	DATUM	GRADE
DRILL RIG TYPE	MOBILE B-53	TYPE	CS	-	HSA	DATE STARTED 01/31/92
GROUNDWATER ELEV.	———	DIA.	2.5" OD	-	3 1/4" ID	DATE FINISHED 01/31/92
MEASURING POINT	———	WEIGHT	140#			DRILLER CAM WHITTY
DATE OF MEASUREMENT	———	FALL	30"			INSPECTOR WALTER HOWARD

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI-FICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. / DEPTH	REMARKS
							PID Bkgd = 9.0 All readings in ppm
2	S-1	3 3 6	CH		Gn blk cmf s, l $, t f G 1.5' Blk dk Gr $yC, t, t S; dense; very slight odor; org Black dark Gray SILTY CLAY trace, fine Sand.		Rec = 1.0' Damp PID Spoon = Bkgd Hs = 290
4					(TIDAL MARSH)		
	S-2	5 12	CH		Blk dk gr $yC t, f S; dense, no odor	7.0	Rec = 1.4' Dry PID Spoon = Bkgd Hs = 42
6		22	SM		Gn lt br cmf s, l $, t f G; dense, no odor	5.5	Note: Boring was abandoned by compacting backfilled cuttings up to 2.0' and sealing the surface with concrete.
					Green brown coarse to fine SAND, little Silt, little fine Gravel.		
8							
	S-3	19 15 13	SW		Grn br cmf s, t $, a mf G (FLUVIAL) 9.5' Grn f s, l $;strong solvent odor Bottom of Boring = 10.0'	2.5	Rec = 1.5' Moist PID Spoon = 180 Hs = 850

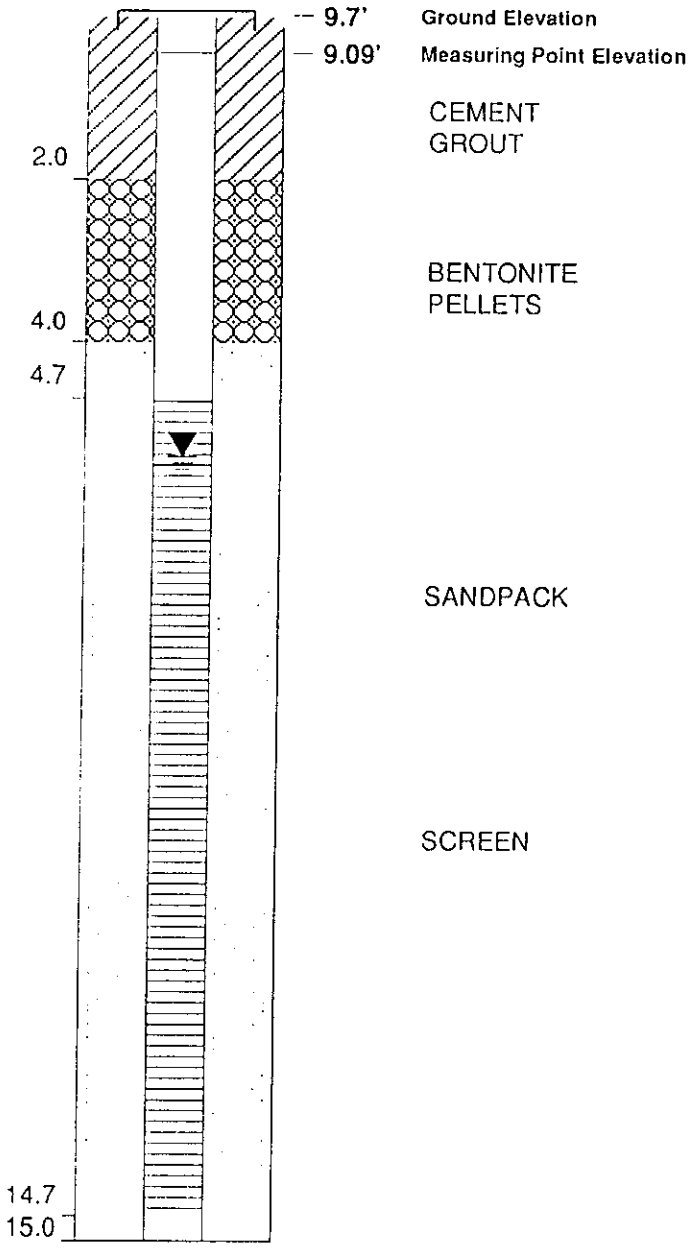
MONITORING WELL LOG

WELL NO. MW-17

DUNN 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 01/31/92
Date Developed 2/6/92

WELL CONSTRUCTION DETAIL



INSPECTION NOTES

Inspector WALTER HOWARD
Drilling Contractor EXCELTECH DRILLING

Type of Well Groundwater Monitoring
Static Water Level Elev. 4.28' Date 2/25/92
Measuring Point (M.P.) Top of PVC
Total Depth of Well 15.0'
Total Depth of Boring 15.0'

Drilling Method
Type Hollow Stem Auger Diameter 4 1/4" ID
Casing HSA

Sampling Method
Type SS Diameter 2" OD
Weight 140# Fall 30"
Interval 3.0' - 15.0'

Riser Pipe Left in Place
Material Sch 40 PVC Diameter 2" OD
Joint Type Flush Thread Length 4.0'

Screen
Material Sch 40 PVC Diameter 2" ID
Slot Size 0.020" Length 10'
Strat. Unit Screened Fluvial

Filter Pack
Sand X Gravel _____ Natural _____
Grade Lonestar #2/12
Amount 3 Bags Interval 4.0'-15.0'

Seal(s)
Type Bentonite Pellets Interval 2.0' - 4.0'
Type _____ Interval _____
Type _____ Interval _____
Locking Casing Yes

Notes:

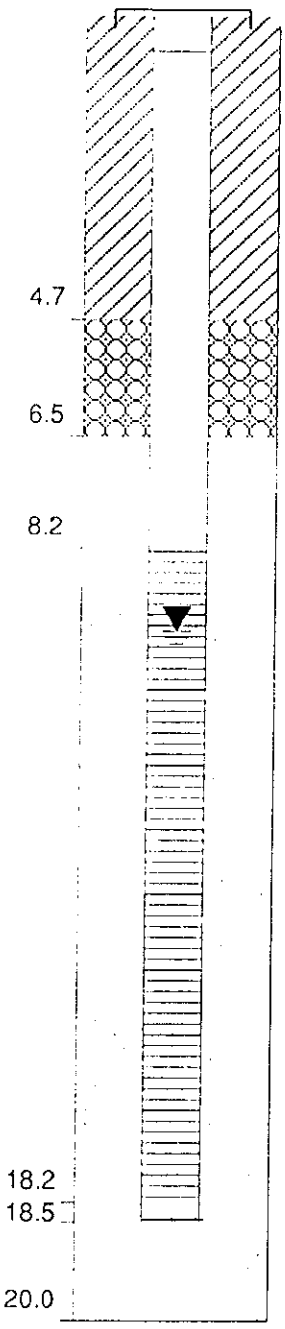
MONITORING WELL LOG

WELL NO. MW-18

DUNN 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 02/03/92 to
Date Developed 2/6/92

WELL CONSTRUCTION DETAIL



INSPECTION NOTES

Inspector WALTER HOWARD
Drilling Contractor EXCELTECH DRILLING

Type of Well Groundwater Monitoring
Static Water Level Elev. 3.92' Date 2/25/92
Measuring Point (M.P.) Top of PVC
Total Depth of Well 18.5'
Total Depth of Boring 20.0'

Drilling Method
Type Hollow Stem Auger Diameter 4 1/4" ID
Casing HSA

Sampling Method
Type SS Diameter 2" OD
Weight 140# Fall 30"
Interval 1.0' - 20.0'

Riser Pipe Left in Place
Material Sch 40 PVC Diameter 2" OD
Joint Type Flush Thread Length 7.9'

Screen
Material Sch 40 PVC Diameter 2" ID
Slot Size 0.020" Length 10'
Strat. Unit Screened Fluvial

Filter Pack
Sand X Gravel Natural
Grade Lonestar #2/12
Amount 2.5 Bags Interval 6.5'-20.0'

Seal(s)
Type Bentonite Pellets Interval 4.7'- 6.5'
Type Interval
Type Interval

Locking Casing Yes

Notes:

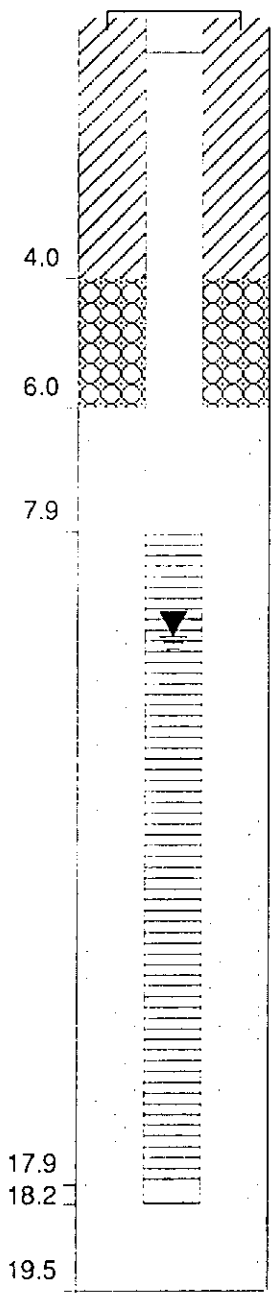
MONITORING WELL LOG

WELL NO. MW-19

DUNN 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 02/03/92 to
Date Developed 2/6/92

WELL CONSTRUCTION DETAIL



INSPECTION NOTES

Inspector WALTER HOWARD
Drilling Contractor EXCELTECH DRILLING

Type of Well Groundwater Monitoring
Static Water Level Elev. 3.88' Date 2/25/92
Measuring Point (M.P.) Top of PVC
Total Depth of Well 18.2'
Total Depth of Boring 19.5'

Drilling Method
Type Hollow Stem Auger Diameter 4 1/4" ID
Casing HSA

Sampling Method
Type SS Diameter 2" OD
Weight 140# Fall 30"
Interval 2.0' - 19.5'

Riser Pipe Left in Place
Material Sch 40 PVC Diameter 2" OD
Joint Type Flush Thread Length 7.5'

Screen
Material Sch 40 PVC Diameter 2" ID
Slot Size 0.020" Length 10'
Strat. Unit Screened Fluvial

Filter Pack
Sand X Gravel Natural
Grade Lonestar #2/12
Amount 3.5 Bags Interval 6.0'-19.5'

Seal(s)
Type Bentonite Pellets Interval 4.0' - 6.0'
Type Interval
Type Interval

Locking Casing Yes

Notes:

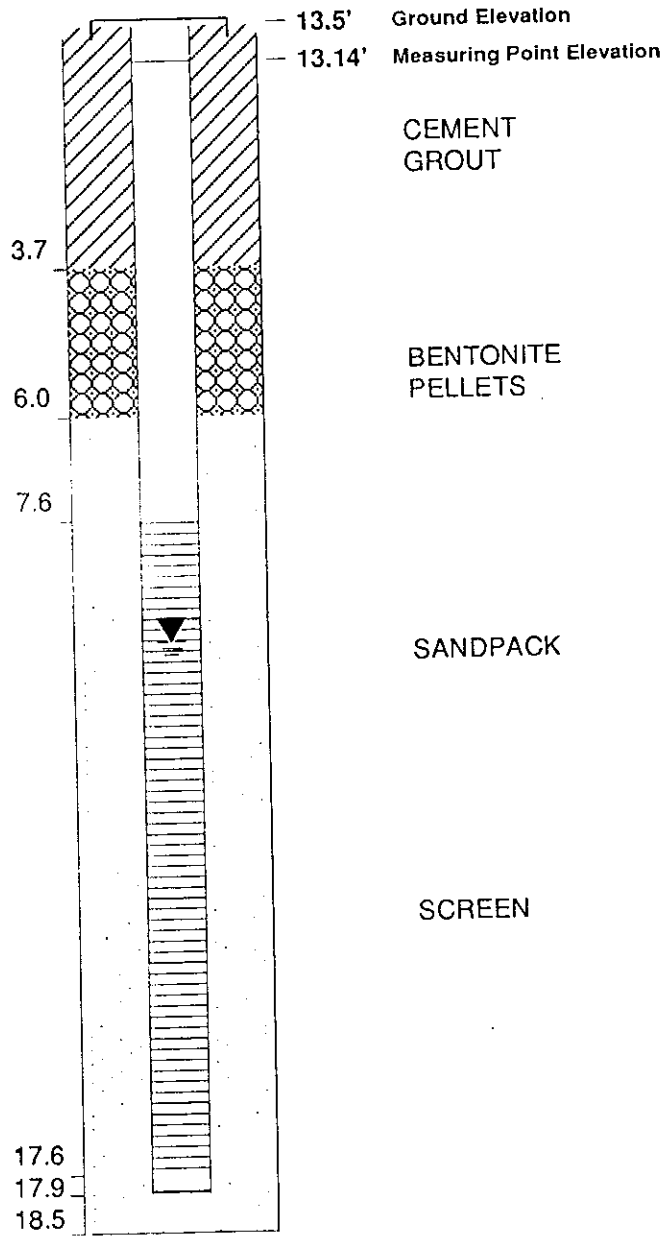
MONITORING WELL LOG

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

WELL NO. MW-20

Project OAKLAND SUBSURFACE INVEST.
Client AMERICAN NATIONAL CAN COMPANY
Location OAKLAND, CA PLANT
Project No. 02345-01983
Date Drilled 02/04/92 to
Date Developed 2/6/92

WELL CONSTRUCTION DETAIL



INSPECTION NOTES

Inspector WALTER HOWARD
Drilling Contractor EXCELTECH DRILLING

Type of Well Groundwater Monitoring
Static Water Level Elev. 4.02' Date 2/25/92
Measuring Point (M.P.) Top of PVC
Total Depth of Well 17.9'
Total Depth of Boring 18.5'

Drilling Method
Type Hollow Stem Auger Diameter 4 1/4" ID
Casing HSA

Sampling Method
Type SS Diameter 2" OD
Weight 140# Fall 30"
Interval 2.0' - 18.5'

Riser Pipe Left in Place
Material Sch 40 PVC Diameter 2" OD
Joint Type Flush Thread Length 7.4'

Screen
Material Sch 40 PVC Diameter 2" ID
Slot Size 0.020" Length 10'
Strat. Unit Screened Fluvial

Filter Pack
Sand X Gravel Natural
Grade Lonestar #2/12
Amount 3.5 Bags Interval 6.0'-18.5'

Seal(s)
Type Bentonite Pellets Interval 3.7'- 6.0'
Type Interval
Type Interval

Locking Casing Yes

Notes:

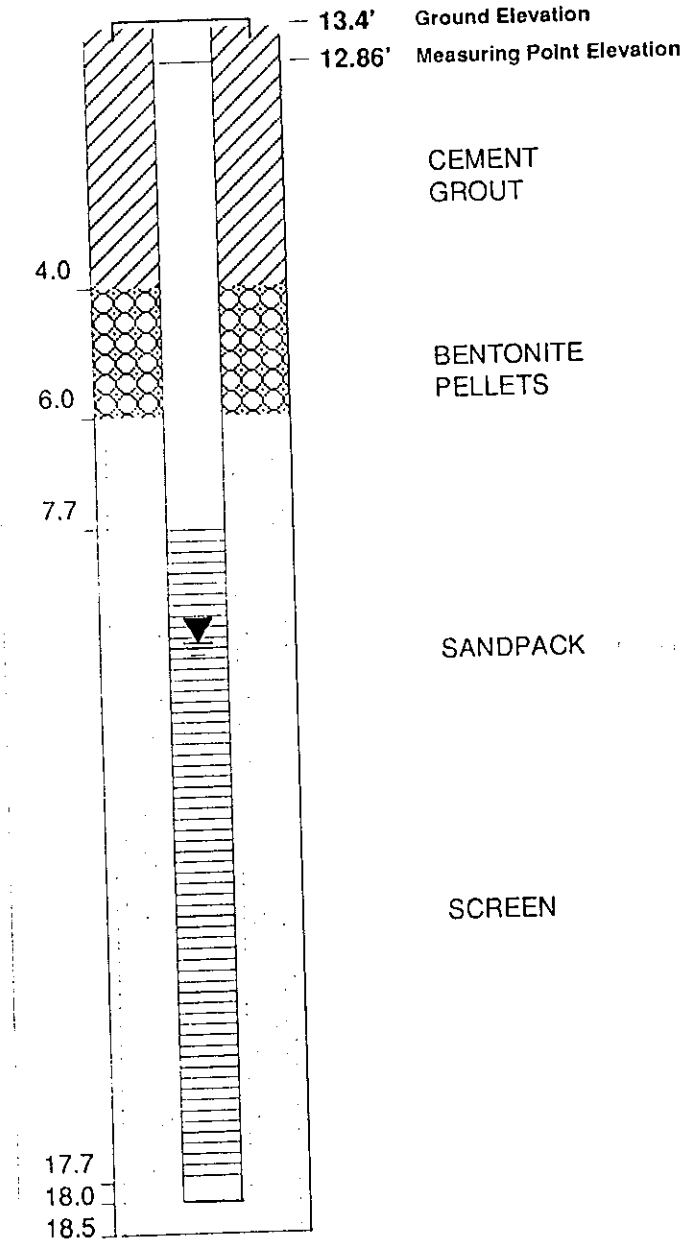
MONITORING WELL LOG

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

WELL NO. MW-21

Project OAKLAND SUBSURFACE INVEST.
Client AMERICAN NATIONAL CAN COMPANY
Location OAKLAND, CA PLANT
Project No. 02345-01983
Date Drilled 02/05/92 to
Date Developed 2/6/92

WELL CONSTRUCTION DETAIL



INSPECTION NOTES

Inspector WALTER HOWARD
Drilling Contractor EXCELTECH DRILLING

Type of Well Groundwater Monitoring
Static Water Level Elev. 3.93' Date 2/25/92
Measuring Point (M.P.) Top of PVC
Total Depth of Well 18.0'
Total Depth of Boring 18.5'

Drilling Method
Type Hollow Stem Auger Diameter 4 1/4" ID
Casing HSA

Sampling Method
Type SS Diameter 2" OD
Weight 140# Fall 30"
Interval 2.0' - 18.5'

Riser Pipe Left in Place
Material Sch 40 PVC Diameter 2" OD
Joint Type Flush Thread Length 7.3'

Screen
Material Sch 40 PVC Diameter 2" ID
Slot Size 0.020" Length 10'
Strat. Unit Screened Fluvial

Filter Pack
Sand X Gravel _____ Natural _____
Grade Lonestar #2/12
Amount 3.5 Bags Interval 6.0'-18.5'

Seal(s)
Type Bentonite Pellets Interval 4.0'- 6.0'
Type _____ Interval _____
Type _____ Interval _____

Locking Casing Yes

Notes:

ANAMETRIX INC
Environmental & Analytical Chemistry
2961 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 # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9202323- 1	T BLANK
9202323- 2	2:MW-17
9202323- 3	2:MW-17F
9202323- 4	2:MW-21
9202323- 5	3:MW-20
9202323- 6	3:MW-18
9202323- 7	3:MW-19
9202323- 8	2:MW-21F

This report consists of 54 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

3-12-92
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.

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9202323- 1	T BLANK	WATER	02/26/92	624
9202323- 2	2:MW-17	WATER	02/26/92	624
9202323- 4	2:MW-21	WATER	02/26/92	624
9202323- 5	3:MW-20	WATER	02/27/92	624
9202323- 6	3:MW-18	WATER	02/26/92	624
9202323- 7	3:MW-19	WATER	02/27/92	624
9202323- 2	2:MW-17	WATER	02/26/92	625
9202323- 4	2:MW-21	WATER	02/26/92	625
9202323- 5	3:MW-20	WATER	02/27/92	625
9202323- 6	3:MW-18	WATER	02/26/92	625
9202323- 7	3:MW-19	WATER	02/27/92	625

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- Trichlorotrifluoroethane percent recovery is outside established limits in the EPA Method 624 matrix spike analysis of sample 2:MW-17.
- Surrogate recoveries are outside of established limits in the EPA Method 625 analysis of sample 3:MW-19.

Department Supervisor — Date: 3-11-92

Chemist — Date: 3.12.92

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

Project ID : 02345-01
Sample ID : T BLANK
Matrix : WATER
Date Sampled : 2/26/92
Date Analyzed : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 9202323-01
Analyst : DP
Supervisor : MM

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

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

Project ID : 02345-01
Sample ID : 2:MW-17
Matrix : WATER
Date Sampled : 2/26/92
Date Analyzed : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 9202323-02
Analyst : DP
Supervisor : CM

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

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

Project ID : 02345-01
Sample ID : 2:MW-21
Matrix : WATER
Date Sampled : 2/26/92
Date Analyzed : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 9202323-04
Analyst : DP
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.	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 : 3:MW-20
Matrix : WATER
Date Sampled : 2/27/92
Date Analyzed : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 9202323-05
Analyst : DP
Supervisor : CM

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.	2.	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-18
Matrix : WATER
Date Sampled : 2/26/92
Date Analyzed : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 9202323-06
Analyst : DP
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.	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 : 3:MW-19
Matrix : WATER
Date Sampled : 2/27/92
Date Analyzed : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 9202323-07
Analyst : DP
Supervisor : [illegible]

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.	13.	
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.	42.	
100-41-4	Ethylbenzene	5.	4.	J
1330-20-7	Xylene (Total)	5.	9.	
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.	4.	J
106-46-7	1,4-Dichlorobenzene	5.	24.	
95-50-1	1,2-Dichlorobenzene	5.	39.	

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 2/27/92
Date Analyzed : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 9202323-07
Analyst : DP
Supervisor : WM

Dilution Factor : 1.00
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	103-65-1	Benzene, propyl-	0.	20.	J
2.	611-14-3	Benzene, 1-ethyl-2-methyl-	0.	10.	J
3.	611-15-4	Benzene, 1-ethenyl-2-methyl-	0.	40.	J
4.	1758-88-9	Benzene, 2-ethyl-1,4-dimethy	0.	20.	J
5.	767-58-8	1H-Indene, 2,3-dihydro-1-met	0.	40.	J
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.					

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 : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 0304B001
Analyst : DP
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.	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 : 9202323
Analyst :DP
Supervisor :[illegible]

	SAMPLE ID	SU1	SU2	SU3	TOTAL OUT
1	BLANK	94	97	100	0
2	2:MW-17	96	96	99	0
3	2:MW-MS	97	98	99	0
4	2:MW-MSD	113	96	99	0
5	T BLANK	99	91	98	0
6	2:MW-21	109	97	97	0
7	3:MW-20	111	97	97	0
8	3:MW-18	103	96	98	0
9	3:MW-19	106	97	98	0
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 : 2:MW-17
Matrix : WATER
Date Sampled : 2/26/92
Date Analyzed : 3/ 4/92
Instrument ID : MSD1

Anametrix ID : 9202323-02
Analyst : DP
Supervisor : UM

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50.0	.0	55.5	111	48-148
Trichlorotrifluoroethan	50.0	.0	58.7	117	40-134
Methylene chloride	50.0	.0	51.3	103	64-162
Chloroform	50.0	.0	50.8	102	64-122
1,1,1-Trichloroethane	50.0	.0	49.9	100	54-122
Benzene	50.0	.0	52.0	104	52-136
1,2-Dichloroethane	50.0	.0	52.8	106	68-116
Trichloroethene	50.0	.0	51.6	103	68-124
4-Methyl-2-pentanone	50.0	.0	64.3	129	56-152
Toluene	50.0	.0	53.3	107	66-124
Tetrachloroethene	50.0	.0	55.9	112	62-134
Chlorobenzene	50.0	.0	54.8	110	74-124
1,2-Dichlorobenzene	50.0	.0	59.9	120	74-140

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-Dichloroethene	50.0	64.5	129	15	25	48-148
Trichlorotrifluoroethan	50.0	67.9	136 *	14	25	40-134
Methylene chloride	50.0	61.2	122	18	25	64-162
Chloroform	50.0	60.2	120	17	25	64-122
1,1,1-Trichloroethane	50.0	58.2	116	15	25	54-122
Benzene	50.0	50.7	101	2	25	52-136
1,2-Dichloroethane	50.0	54.6	109	3	25	68-116
Trichloroethene	50.0	50.3	101	2	25	68-124
4-Methyl-2-pentanone	50.0	70.2	140	9	25	56-152
Toluene	50.0	51.9	104	3	25	66-124
Tetrachloroethene	50.0	55.0	110	2	25	62-134
Chlorobenzene	50.0	55.6	111	2	25	74-124
1,2-Dichlorobenzene	50.0	64.8	130	8	25	74-140

* Value is outside of Anametrix QC limits

RPD: 0 out of 13 outside limits
Spike Recovery: 1 out of 26 outside limits

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

Project ID : 02345-01
Sample ID : 2:MW-17
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 1000.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-02
Analyst : CF.
Supervisor : JM

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 : 2:MW-17
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 1000.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-02
Analyst : CK
Supervisor : UM

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.	13.	J
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

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 2:MW-17
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 1000.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-02
Analyst : CF
Supervisor : JM

Dilution Factor : 1.00
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	- -	UNKNOWN	0.	6.	J
2.	17851-53-5	1,2-BENZENEDICARBOXYLIC ACID	0.	4.	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 2:MW-21
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-04
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	53.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	53.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	53.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	ND	U

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

Project ID : 02345-01
Sample ID : 2:MW-21
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-04
Analyst : CF.
Supervisor : M

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	53.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	53.	ND	U
100-02-7	4-NITROPHENOL	53.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	53.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	53.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	53.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	21.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	53.	ND	U

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 2:MW-21
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-04
Analyst : CF
Supervisor : UM

Dilution Factor : 1.00
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	51-44-5	BENZOIC ACID, 3,4-DICHLORO-	0.	5.	J
2.	- -	UNKNOWN	0.	6.	J
3.	10544-50-0	SULFUR, MOL. (S8)	0.	7.	J
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 2/27/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-05
Analyst : CF
Supervisor : CM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	53.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	53.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	53.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	ND	U

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

Project ID : 02345-01
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 2/27/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-05
Analyst : SF
Supervisor : GM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	53.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	53.	ND	U
100-02-7	4-NITROPHENOL	53.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	53.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	53.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	53.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	21.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	53.	ND	U

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 2/27/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-05
Analyst : CF.
Supervisor : YM

Dilution Factor : 1.00
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	51-44-5	BENZOIC ACID, 3,4-DICHLORO-	0.	10.	J
2.	- -	UNKNOWN	0.	6.	J
3.	17851-53-5	1,2-BENZENEDICARBOXYLIC ACID	0.	5.	J
4.	10544-50-0	SULFUR, MOL. (S8)	0.	10.	J
5.					
6.					
7.					
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11.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-18
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-06
Analyst : JF.
Supervisor : CM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	ND	U
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	ND	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	53.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	ND	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	53.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	53.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	ND	U

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

Project ID : 02345-01
Sample ID : 3:MW-18
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-06
Analyst : CF
Supervisor : JM

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	53.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	53.	ND	U
100-02-7	4-NITROPHENOL	53.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	53.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	53.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	53.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	21.	ND	U
56-55-3	BENZO(A)ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	11.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	11.	ND	U
50-32-8	BENZO(A)PYRENE	11.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	11.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	11.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	53.	ND	U

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-18
Matrix : WATER
Date Sampled : 2/26/92
Date Extracted : 3/ 3/92
Amount Extracted : 950.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-06
Analyst : CF
Supervisor : WM

Dilution Factor : 1.00
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	- -	UNKNOWN	0.	5.	J
2.	17851-53-5	1,2-BENZENEDICARBOXYLIC ACID	0.	5.	J
3.	10544-50-0	SULFUR, MOL. (S8)	0.	10.	BJ
4.					
5.					
6.					
7.					
8.					
9.					
10.					
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28.					
29.					
30.					

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

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 2/27/92
Date Extracted : 3/ 3/92
Amount Extracted : 880.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-07
Analyst : CF
Supervisor : UM

Dilution Factor : 5.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	57.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	57.	ND	U
95-57-8	2-CHLOROPHENOL	57.	ND	U
541-73-1	1,3-DICHLOROBENZENE	57.	ND	U
106-46-7	1,4-DICHLOROBENZENE	57.	22.	J
100-51-6	BENZYL ALCOHOL	57.	ND	U
95-50-1	1,2-DICHLOROBENZENE	57.	30.	J
95-48-7	2-METHYLPHENOL	57.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	57.	ND	U
106-44-5	4-METHYLPHENOL	57.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	57.	ND	U
67-72-1	HEXACHLOROETHANE	57.	ND	U
98-95-3	NITROBENZENE	57.	ND	U
78-59-1	ISOPHORONE	57.	ND	U
88-75-5	2-NITROPHENOL	57.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	57.	ND	U
65-85-0	BENZOIC ACID	280.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	57.	ND	U
120-83-2	2,4-DICHLOROPHENOL	57.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	57.	ND	U
91-20-3	NAPHTHALENE	57.	19.	J
106-47-8	4-CHLOROANILINE	57.	ND	U
87-68-3	HEXACHLOROBUTADIENE	57.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	57.	ND	U
91-57-6	2-METHYLNAPHTHALENE	57.	59.	
77-47-4	HEXACHLOROCYCLOPENTADIENE	57.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	57.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	280.	ND	U
91-58-7	2-CHLORONAPHTHALENE	57.	ND	U
88-74-4	2-NITROANILINE	280.	ND	U
131-11-3	DIMETHYLPHTHALATE	57.	ND	U
208-96-8	ACENAPHTHYLENE	57.	ND	U
606-20-2	2,6-DINITROTOLUENE	57.	ND	U

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

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 2/27/92
Date Extracted : 3/ 3/92
Amount Extracted : 880.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-07
Analyst : JF
Supervisor : JM

Dilution Factor : 5.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	280.	ND	U
83-32-9	ACENAPHTHENE	57.	ND	U
51-28-5	2,4-DINITROPHENOL	280.	ND	U
100-02-7	4-NITROPHENOL	280.	ND	U
132-64-9	DIBENZOFURAN	57.	ND	U
121-14-2	2,4-DINITROTOLUENE	57.	ND	U
84-66-2	DIETHYLPHTHALATE	57.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	57.	ND	U
86-73-7	FLUORENE	57.	ND	U
100-01-6	4-NITROANILINE	280.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	280.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	57.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	57.	ND	U
118-74-1	HEXACHLOROBENZENE	57.	ND	U
87-86-5	PENTACHLOROPHENOL	280.	ND	U
85-01-8	PHENANTHRENE	57.	ND	U
120-12-7	ANTHRACENE	57.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	57.	ND	U
206-44-0	FLUORANTHENE	57.	ND	U
129-00-0	PYRENE	57.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	57.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	110.	ND	U
56-55-3	BENZO(A)ANTHRACENE	57.	ND	U
218-01-9	CHRYSENE	57.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	57.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	57.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	57.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	57.	ND	U
50-32-8	BENZO(A)PYRENE	57.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	57.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	57.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	57.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	57.	ND	U
4165-61-1	ANILINE	57.	ND	U
103-33-3	AZOBENZENE	57.	ND	U
92-87-5	BENZIDINE	280.	ND	U

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 2/27/92
Date Extracted : 3/ 3/92
Amount Extracted : 880.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-07
Analyst : CF
Supervisor : LM

Dilution Factor : 5.00
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	- -	UNKNOWN	0.	40.	J
2.	496-11-7	1H-INDENE, 2,3-DIHYDRO-	0.	70.	J
3.	527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	0.	30.	J
4.	874-35-1	1H-INDENE, 2,3-DIHYDRO-5-MET	0.	30.	J
5.	768-00-3	BENZENE, (1-METHYL-1-PROPENY	0.	80.	J
6.	- -	UNKNOWN	0.	20.	J
7.	90-12-0	NAPHTHALENE, 1-METHYL-	0.	70.	J
8.	5635-50-7	PHENOL, 4,4'-(1,2-DIETHYL-1,	0.	20.	J
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 3/ 3/92
Amount Extracted : 1000.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 0303B001
Analyst :
Supervisor :

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 :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 3/ 3/92
Amount Extracted : 1000.0 mL
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 0303B001
Analyst : JF
Supervisor : MY

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)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	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

SURROGATE RECOVERY SUMMARY -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Matrix : LIQUID

Anametrix ID : 9202323
Analyst :
Supervisor :

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6	TOTAL OUT
1	BLANK	48	25	99	90	107	106	0
2	2:MW-17	67	39	104	95	103	95	0
3	2:MW-21	55	32	88	87	97	95	0
4	3:MW-20	66	40	96	89	105	98	0
5	3:MW-18	55	34	90	87	93	89	0
6	3:MW-19	81	45	145 *	133 *	106	120	2
7	3:MW-MS	48	26	99	88	98	97	0
8	3:MW-MSD	52	26	98	82	99	90	0
9								
10								
11								
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30								

	QC LIMITS
SU1 = 2-FLUOROPHENOL	(21-100)
SU2 = PHENOL-D5	(10- 94)
SU3 = NITROBENZENE-D5	(35-114)
SU4 = 2-FLUOROBIPHENYL	(43-116)
SU5 = 2,4,6-TRIBROMOPHENOL	(10-123)
SU6 = TERPHENYL-D14	(33-141)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 2/27/92
Date Extracted : 3/ 3/92
Date Analyzed : 3/ 5/92
Instrument ID : F2

Anametrix ID : 9202323-05
Analyst :
Supervisor :

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
PHENOL	100.	0.	37.	37	10- 82
2-CHLOROPHENOL	100.	0.	77.	77	27-114
1,4-DICHLOROBENZENE	50.	0.	40.	80	21- 86
N-NITROSO-DI-N-PROP.(1)	50.	0.	56.	113	29-139
1,2,4-TRICHLOROBENZENE	50.	0.	51.	102	14-104
4-CHLORO-3-METHYLPHENOL	100.	0.	116.	116	36-121
ACENAPHTHENE	50.	0.	50.	100	38-108
4-NITROPHENOL	100.	0.	42.	42	10- 58
2,4-DINITROTOLUENE	50.	0.	54.	107	44-121
PENTACHLOROPHENOL	100.	0.	115.	115	10-137
PYRENE	50.	0.	57.	114	44-125

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
PHENOL	100.	36.	36	3	42	10- 82
2-CHLOROPHENOL	100.	79.	79	2	40	27-114
1,4-DICHLOROBENZENE	50.	39.	78	3	28	21- 86
N-NITROSO-DI-N-PROP.(1)	50.	53.	107	6	38	29-139
1,2,4-TRICHLOROBENZENE	50.	49.	99	3	28	14-104
4-CHLORO-3-METHYLPHENOL	100.	111.	111	5	42	36-121
ACENAPHTHENE	50.	46.	92	9	31	38-108
4-NITROPHENOL	100.	42.	42	1	50	10- 58
2,4-DINITROTOLUENE	50.	51.	101	5	38	44-121
PENTACHLOROPHENOL	100.	112.	112	3	50	10-137
PYRENE	50.	53.	105	8	31	44-125

* Value is outside of Anametrix QC limits

RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: PEST

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9202323- 2	2:MW-17	WATER	02/26/92	8080 PCB
9202323- 4	2:MW-21	WATER	02/26/92	8080 PCB
9202323- 5	3:MW-20	WATER	02/27/92	8080 PCB
9202323- 6	3:MW-18	WATER	02/26/92	8080 PCB
9202323- 7	3:MW-19	WATER	02/27/92	8080 PCB

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: PEST

QA/QC SUMMARY :

- Due to acid cleanup, the surrorate recovery for all samples except sample 3:MW-18 is outside of Anametrix control limits.

Jean Randall 3/11/92
Department Supervisor Date

Juliet Ofwono 3/11/92
Chemist Date

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9202323- 2	2:MW-17	WATER	02/26/92	TPHd
9202323- 4	2:MW-21	WATER	02/26/92	TPHd
9202323- 5	3:MW-20	WATER	02/27/92	TPHd
9202323- 6	3:MW-18	WATER	02/26/92	TPHd
9202323- 7	3:MW-19	WATER	02/27/92	TPHd
9202323- 2	2:MW-17	WATER	02/26/92	TPHg
9202323- 4	2:MW-21	WATER	02/26/92	TPHg
9202323- 5	3:MW-20	WATER	02/27/92	TPHg
9202323- 6	3:MW-18	WATER	02/26/92	TPHg
9202323- 7	3:MW-19	WATER	02/27/92	TPHg

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as diesel for samples 2:MW-17 and 2:MW-21 are primarily due to the presence of a heavier petroleum product, possibly motor oil.
- The concentration reported as diesel for sample 3:MW-19 is due to the presence of a combination of diesel and a heavier petroleum product, possibly motor oil.

Cheryl Balmes 3/9/92
Department Supervisor Date

Steve Jones 3/9/92
Chemist Date

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

Anametrix W.O.: 9202323
Matrix : WATER
Date Sampled : 02/26 & 27/92

Project Number : 02345-01983
Date Released : 03/05/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# 2:MW-17 -02	Sample I.D.# 2:MW-21 -04	Sample I.D.# 3:MW-20 -05	Sample I.D.# 3:MW-18 -06	Sample I.D.# 3:MW-19 -07
TPH as Gasoline	50	ND	ND	ND	ND	1500
% Surrogate Recovery		91%	113%	102%	107%	103%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		03/03/92	03/03/92	03/03/92	03/03/92	03/04/92
RLMF		1	1	1	1	2

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total modified Petroleum Hydrocarbons as gasoline is determined by GCFID using 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.

Steve Arms 3/9/92
Analyst Date

Cheryl Balmer 3/9/92
Supervisor Date

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

Anametrix W.O.: 9202323
Matrix : WATER
Date Sampled : N/A

Project Number : 02345-01983
Date Released : 03/05/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# 04B0303B BLANK	Sample I.D.# 04B0304B BLANK
TPH as Gasoline	50	ND	ND
% Surrogate Recovery		109%	84%
Instrument I.D.		HP4	HP4
Date Analyzed		03/03/92	03/04/92
RLMF		1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total modified Petroleum Hydrocarbons as gasoline is determined by GCFID using 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.

Steve Jones 3/9/92
Analyst Date

Cheryl Balmer 3/9/92
Supervisor Date

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

Anametrix W.O.: 9202323
Matrix : WATER
Date Sampled : 02/26 & 27/92
Date Extracted: 03/03/92

Project Number : 02345-01983
Date Released : 03/05/92
Instrument I.D.: HP9

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9202323-02	2:MW-17	03/04/92	50	110
9202323-04	2:MW-21	03/04/92	50	55
9202323-05	3:MW-20	03/04/92	50	ND
9202323-06	3:MW-18	03/04/92	50	ND
9202323-07	3:MW-19	03/04/92	50	6000
DWBL030392	METHOD BLANK	03/04/92	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.

Steve Sons 3/9/92
Analyst Date

Cheryl Balmer 3/9/92
Supervisor Date

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD SPIKE
Matrix : WATER
Date Sampled : N/A
Date Analyzed : 03/04/92

Anametrix I.D. : SPK0304
Analyst : [illegible]
Supervisor : [illegible]
Date Released : 03/05/92
Instument ID : HP4

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
GASOLINE	1000	1100	110%	920	92%	-18%	48-145
P-BFB			103%		99%		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: 03/03/92
Date Analyzed : 03/04/92

Anametrix I.D. : SPK030392
Analyst : BS
Supervisor : CC
Date Released : 03/05/92
Instrument I.D.: HP9

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
Diesel	1250	750	60%	790	63%	5%	36-150

* Limits established by Anametrix, Inc.

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : PREP
Sub-Department: PREP

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9202323- 2	2:MW-17	WATER	02/26/92	5520BF
9202323- 4	2:MW-21	WATER	02/26/92	5520BF
9202323- 5	3:MW-20	WATER	02/27/92	5520BF
9202323- 6	3:MW-18	WATER	02/26/92	5520BF
9202323- 7	3:MW-19	WATER	02/27/92	5520BF

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : PREP
Sub-Department: PREP

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Department Supervisor 3/5/92 Date

Chemist 03-05-92 Date

ANALYSIS DATA SHEET - TOTAL OIL AND GREASE
ANAMETRIX, INC. (408) 432-8192

Project # : 02345-01983
Matrix : WATER
Date sampled : 02/26/92 & 02/27/92
Date ext. TOG : 03/03/92
Date anl. TOG : 03/03/92

Anametrix I.D. : 9202323
Analyst : APR
Supervisor : CEB
Date released : 03/05/92

Workorder #	Sample I.D.	Reporting Limit (mg/L)	Amount Found (mg/L)
9202323-02	2:MW-17	5	ND
9202323-04	2:MW-21	5	ND
9202323-05	3:MW-20	5	ND
9202323-06	3:MW-18	5	ND
9202323-07	3:MW-19	5	22
GWBL030392	METHOD BLANK	5	ND

ND - Not detected at or above the practical quantitation limit for the method.
TOG - Total Oil & Grease is determined by Standard Method 5520BF.

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

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9202323- 2	2:MW-17	WATER	02/26/92	6010
9202323- 3	2:MW-17F	WATER	02/26/92	6010
9202323- 4	2:MW-21	WATER	02/26/92	6010
9202323- 8	2:MW-21F	WATER	02/26/92	6010

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

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

Workorder # : 9202323
Date Received : 02/27/92
Project ID : 02345-01983
Purchase Order: 29518
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- Spike recoveries for zinc by EPA Method 6010 were outside of Anametrix control limits due to high levels present in the unspiked sample.

Manny Lagman 3/12/92
Department/Supervisor Date

Mona Kamp/ 3/12/92
Chemist Date

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

Sample I.D. : 02345-01983 2:MW-17
Matrix : WATER
Date sampled : 02/26/92
Date ext. : 03/03/92
Date analyzed: 03/10/92
Dilution : NONE

Anametrix I.D. : 9202323-02
Analyst : [illegible]
Supervisor : [illegible]
Date released : 03/11/92
Weight ext. : 950 ml
Instrument ID : HP16

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	43-146%	36%

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

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

Sample I.D. : 02345-01983 2:MW-21
Matrix : WATER
Date sampled : 02/26/92
Date ext. : 03/03/92
Date analyzed: 03/10/92
Dilution : NONE

Anametrix I.D. : 9202323-04
Analyst : JCO
Supervisor : SPR
Date released : 03/11/92
Weight ext. : 900 ml
Instrument ID : HP16

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	43-146%	35%

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

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

Sample I.D. : 02345-01983 3:MW-20
Matrix : WATER
Date sampled : 02/27/92
Date ext. : 03/03/92
Date analyzed: 03/10/92
Dilution : NONE

Anametrix I.D. : 9202323-05
Analyst : [illegible]
Supervisor : [illegible]
Date released : 03/11/92
Weight ext. : 950 ml
Instrument ID : HP16

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	43-146%	30%

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

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

Sample I.D. : 02345-01983 3:MW-18
Matrix : WATER
Date sampled : 02/26/92
Date ext. : 03/03/92
Date analyzed: 03/10/92
Dilution : NONE

Anametrix I.D. : 9202323-06
Analyst : HO
Supervisor : SR
Date released : 03/11/92
Weight ext. : 950 ml
Instrument ID : HP16

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	43-146%	48%

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

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

Sample I.D. : 02345-01983 3:MW-19
Matrix : WATER
Date sampled : 02/27/92
Date ext. : 03/03/92
Date analyzed: 03/10/92
Dilution : NONE

Anametrix I.D. : 9202323-07
Analyst : [illegible]
Supervisor : STR
Date released : 03/11/92
Weight ext. : 900 ml
Instrument ID : HP16

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	43-146%	26%

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

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

Sample I.D. : BLANK
Matrix : WATER
Date sampled : NA
Date ext. : 03/03/92
Date analyzed: 03/10/92
Dilution : NONE

Anametrix I.D. : PCBWBLK030392
Analyst : bw
Supervisor : SMR
Date released : 03/11/92
Weight ext. : 1 L
Instrument ID : HP16

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
12674-11-2	Aroclor 1016	0.5	ND
	Dibutylchlorendate	43-146%	26%

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

PCB MATRIX SPIKE REPORT -- EPA METHOD 608/8080
ANAMETRIX, INC. (408)432-8192

Sample I.D. : METHOD SPIKE
Matrix : WATER
Date sampled : NA
Date extracted: 03/03/92
Date analyzed : 03/10/92

Anametrix I.D. : 9202323 MS,MSD
Analyst : dvo
Supervisor : SPR
Date released : 03/11/92
Instrument I.D.: HP16

COMPOUND	SPIKE AMT (UG/L)	MS (UG/L)	%REC MS	MSD (UG/L)	%REC MSD	%RPD	%REC LIMITS
AROCLOR 1248	15	8	53%	10	67%	23%	23-134
DBC	1	.30	30%	.28	28%	7%	43-164

DBC - Dibutylchlorendate
* Value is outside of Anametrix QC limits

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

Anametrix W.O.: 9202323
Matrix : WATER
Date Sampled : 02/26/92
Project Number: 02345-01983

Date Prepared : 03/11/92
Date Analyzed : 03/12/92
Date Released : 03/12/92
Instrument I.D.: ICP1

ANAMETRIX ID	CLIENT ID	ELEMENTS	Nickel (Ni)	Zinc (Zn)
		EPA METHOD	6010	6010
		REPORTING LIMIT	40.0	20.0
			(ug/L)	(ug/L)
9202323-02	2:MW-17		ND	ND
9202323-03	2:MW-17F		ND	ND
9202323-04	2:MW-21		152	30.8
9202323-08	2:MW-21F		ND	ND
MB0311W	METHOD BLANK		ND	ND

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 Code of Regulations Title 22. or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 3-18-92 Date

Chemist Mona Kamel 3/18/92 Date

Cooler # None

9202323 10 (27) 1 of 3

1040 (10)

FB

#2,15

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

DUNN GEOSCIENCE CORP

Client Name: American National Can Co.
Project No.: 02345-01983
Site Location: Oakland CA
Sampler: Edward W. Alusow

DGC Contact: Edward W Alusow
Laboratory Contact: Jennifer Miller
Lab Identification:
Date Report Required:

	Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	Comment
							2x40ml	HCl		VOC (624) w/ Xylenes
1	Trip Blank	2/26/92	1030	Water			2x40ml	HCl	Grab	VOC (624) w/ xylenes w/ tics
2	Area 2; MW-17	2/26/92	1015	Water	Bailer	Nylon Rope	3x40ml	HCl		TPH as Gas (5030)
							2x1 liter	N		Total O+G (5520)
							2x1 liter	N		Semi-VOC (625) w/ tics
							2x1 liter	N		TPH as Diesel (3510)
							2x1 liter	N		PCB's (8080)
							1x500ml	HNO_3		Total Metals (Ni; Zn) unfiltered
							1x500ml	HNO_3		Field Filtered Metals (Ni, Zn)
3	Area 2; MW-17 Filtered						2x 40 ml	HCl	Grab	VOC (624) w/ xylenes w/ tics
4	Area 2; MW-21	2/26/92	1230	Water	Bailer	Nylon Rope	3x 40 ml	HCl		TPH as Gas (5030)
							2x1 liter	N		Total O+G (5520)
							2x1 liter	N		Semi-VOC (625) w/ tics
							2x1 liter	N		TPH as Diesel (3510)
							2x 40 ml	HCl		VOC (624) w/ xylenes w/ tics
5	Area 3; MW-20	2/27/92	0845							

	Name	Affiliation	Date	Time
Relinquished by:	[signature]	DUNN	2/27/92	1415
Received by:	Benny S. Carrigan	ANAMETRIX	2/27/92	1415
Relinquished by:	Benny S. Carrigan	ANAMETRIX	2/27/92	1750
Received by:				

	Name	Date	Time
Received by Laboratory:	[signature]	02-27-92	1750

Samples Intact & Properly Preserved: (Yes) or No

Laboratory Comments: chain of custody seal in included for all coolers

FORMSC

Dunn Geoscience Corp. 9202323 10 of 12 of 3
12 Metro Park Road #2,15 1040 FB
Albany, N.Y. 12205 (518) 458-1313

DUNN GEOSCIENCE CORP

Client Name: ANC
Project No.: 02[redacted]-01983
Site Location: Oakland CA
Sampler: EW Alusow

DGC Contact: E.W. Alusow
Laboratory Contact: J. Miller
Lab Identification:
Date Report Required:

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	Comment
5 of 6 Area 3; MW-20	2/27/92	1430	Water	Bailer	Nylon Rope	3 x 40 ml	HCl	Grab	TPH as Gas (5030)
6 of 6 Area 3; MW-20	2/27/92	1430				2 x 1 liter	N		Semi-VOC (625) w/ tics
						2 x 1 liter	N		TPH as Diesel (3510)
						2 x 1 liter	N		PCB (8080)
						2 x 1 liter	H_2SO_4		Total O+G (5520)
6 of 6 Area 3; MW-18	2/26/92	0945				2 x 40 ml	HCl		VOC (624) w/ xylenes w/ tics
						3 x 40 ml	HCl		TPH as Gas (5030)
						2 x 1 liter	N		Semi-VOC (625) w/ tics
						2 x 1 liter	N		TPH as Diesel (3510)
						2 x 1 liter	N		PCB (8080)
						2 x 1 liter	H_2SO_4		Total O+G (5520)
3 of 6 Area 3; MW-19	2/27/92	1100				2 x 40 ml	HCl		VOC (624) w/ xylenes w/ tics
						3 x 40 ml	HCl		TPH as Gas (5030)
						2 x 1 liter	N		Semi-VOC (625) w/ tics
						2 x 1 liter	N		TPH as Diesel (3510)

	Name	Affiliation	Date	Time
Relinquished by:	[signature]	DUNN	2/27/92	1415
Received by:	[signature]	ANAMERIX	2/27/92	1415
Relinquished by:	[signature]	ANAMERIX	2/27/92	1750
Received by:				

	Name	Date	Time
Received by Laboratory:	[signature]	02-27-92	1750

Samples Intact & Properly Preserved: (Yes) or No

Laboratory Comments: chain of custody seal is included for all coolers

FORM

9202323 10(27) 3 of →
#2, #15 10 40 FB

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

DUNN GEOSCIENCE CORP

Client Name: [redacted]
Project No.: [redacted]-01983
Site Location: [redacted]kland CA
Sampler: E.W. Alusow

DGC Contact: E.W. Alusow
Laboratory Contact: J. Miller
Lab Identification:
Date Report Required:

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	Comment
Area 3; MW-19	2/27/92	1100	Water	Bailer	Nylon Rope	2x1 liter	N	Grab	PCB (8080)
"	"	"	"	"	"	2x 1 liter	H_2SO_4	"	Total O+G (5520)
[redacted]; MW-21	2/27/92	1230	"	"	"	2X 1liter	N	"	PCB (8080)
"	"	"	"	"	"	1 x 500ml	HNO_3	"	Total Metals (Ni, Zn) unfiltered
[redacted]; Filtered MW-21	"	"	"	"	"	1 x500ml	HNO_3	"	Field Filtered Metals (Ni, Zn)

8 Ent

	Name	Affiliation	Date	Time
Relinquished by:	E.W. Alusow	DUNN	2/27/92	1415
Received by:	Benny S. Cengoz	ANAMETRIX	2/27/92	1415
Relinquished by:	Benny S. Cengoz	ANAMETRIX	2/27/92	1750

	Name	Date	Time
Received by Laboratory:	Frank Budi	02-27-92	1750

Samples Intact & Properly Preserved: (Yes) or No

Laboratory Comments: chain of custody seal is included for all coolers.