

2020 Sherman



FAX TRANSMISSION COVER

MED-TOX ASSOCIATES, INC.
3440 VINCENT ROAD
PLEASANT HILL, CA 94523

FAX NO. (415) 930-0256
PHONE NO. (415) 930-9090

DATE: 8/17/90

NO. OF PAGES FAXED (INCLUDING COVER) 9

REPLY REQUESTED: NO YES () URGENT () FAX REPLY ()
PHONE REPLY () FYI ()

TO: Dennis Andriyevsky
Lab

FROM: Cheryl Ann V. Kich

MED-TOX JOB NO: 4008051

CLIENT IDENTIFICATION: NE 899-37-281

- FINAL RESULTS
- PARTIAL RESULTS
- PRELIMINARY RESULTS, SUBJECT TO APPROVAL

COMMENTS: Should have reported CN- results
by 5:00 PM.
EPI- water exceeds Cr^T
= . loud

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-1,5,6,7-2 (COMP)
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-01A
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/kg)	TTLIC (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Ag	Silver	ND	500	0.2	6010	ICP
As	Arsenic	13	500	3	7060	V22
Ba	Barium	54	10,000	5	6010	ICP
Be	Beryllium	0.4	75	0.1	6010	ICP
Cd	Cadmium	ND	100	0.2	6010	ICP
Co	Cobalt	7.7	8,000	0.5	6010	ICP
Cr	Chromium	43	2,500	6	6010	ICP
Cu	Copper	54	2,500	1	6010	ICP
Hg	Mercury	0.3	20	0.2	7471	Hg
Mo	Molybdenum	ND	3,500	0.6	6010	ICP
Ni	Nickel	38	2,000	3	6010	ICP
Pb	Lead	9	1,000	2	6010	ICP
Sb	Antimony	ND	500	2	6010	ICP
Se	Selenium	ND	100	2	7740	V22
Tl	Thallium	49	700	3	6010	ICP
V	Vanadium	37	2,400	3	6010	ICP
Zn	Zinc	51	5,000	2	6010	ICP

ND = Not Detected

* INST. = Instrument Number

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-1,5,6,7-6 (COMP)
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-02A
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/kg)	TTLIC (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Ag	Silver	ND	500	0.2	6010	ICP
As	Arsenic	9	500	3	7060	V22
Ba	Barium	24	10,000	5	6010	ICP
Be	Beryllium	0.3	75	0.1	6010	ICP
Cd	Cadmium	ND	100	0.2	6010	ICP
Co	Cobalt	5.7	8,000	0.5	6010	ICP
Cr	Chromium	35	2,500	6	6010	ICP
Cu	Copper	16	2,500	1	6010	ICP
Hg	Mercury	ND	20	0.2	7471	Hg
Mo	Molybdenum	ND	3,500	0.6	6010	ICP
Ni	Nickel	29	2,000	3	6010	ICP
Pb	Lead	2	1,000	2	6010	ICP
Sb	Antimony	ND	500	2	6010	ICP
Se	Selenium	ND	100	2	7740	V22
Tl	Thallium	20	700	3	6010	ICP
V	Vanadium	33	2,400	3	6010	ICP
Zn	Zinc	29	5,000	2	6010	ICP

ND = Not Detected

* INST. = Instrument Number

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-2,3,4,8-2 (COMP)
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-03A
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/kg)	TTLIC (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Ag	Silver	ND	500	0.2	6010	ICP
As	Arsenic	8	500	3	7060	V22
Ba	Barium	59	10,000	5	6010	ICP
Be	Beryllium	0.3	75	0.1	6010	ICP
Cd	Cadmium	ND	100	0.2	6010	ICP
Co	Cobalt	7.5	8,000	0.5	6010	ICP
Cr	Chromium	43	2,500	6	6010	ICP
Cu	Copper	20	2,500	1	6010	ICP
Hg	Mercury	ND	20	0.2	7471	Hg
Mo	Molybdenum	ND	3,500	0.6	6010	ICP
Ni	Nickel	39	2,500	3	6010	ICP
Pb	Lead	31	1,000	2	6010	ICP
Sb	Antimony	ND	500	2	6010	ICP
Se	Selenium	ND	100	2	7740	V22
Tl	Thallium	23	700	3	6010	ICP
V	Vanadium	37	2,400	3	6010	ICP
Zn	Zinc	42	5,000	2	6010	ICP

ND = Not Detected

* INST. = Instrument Number

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-2,3,4,8-6 (COMP)
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-04A
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/kg)	TTLIC (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Ag	Silver	ND	500	0.2	6010	ICP
As	Arsenic	20	500	3	7060	V22
Ba	Barium	52	10,000	5	6010	ICP
Be	Beryllium	0.6	75	0.1	6010	ICP
Cd	Cadmium	ND	100	0.2	6010	ICP
Co	Cobalt	15	8,000	0.5	6010	ICP
Cr	Chromium	54	2,500	6	6010	ICP
Cu	Copper	26	2,500	1	6010	ICP
Hg	Mercury	ND	20	0.2	7471	Hg
Mo	Molybdenum	0.6	3,500	0.6	6010	ICP
Ni	Nickel	74	2,000	3	6010	ICP
Pb	Lead	4	1,000	2	6010	ICP
Sb	Antimony	ND	500	2	6010	ICP
Se	Selenium	ND	100	2	7740	V22
Tl	Thallium	39	700	3	6010	ICP
V	Vanadium	50	2,400	3	6010	ICP
Zn	Zinc	120	5,000	2	6010	ICP

ND - Not Detected

* INST. = Instrument Number

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-2
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-06K
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/L)	DETECTION LIMIT (mg/L)	METHOD REFERENCE	INST.*
Ag	Silver	ND	0.01	6010	ICP
As	Arsenic	0.15 : .05	0.03	7060	V22
Ba	Barium	0.77 : 1.0	0.005	6010	ICP
Be	Beryllium	0.004 - -	0.001	6010	ICP
Cd	Cadmium	ND : .01	0.005	6010	ICP
Co	Cobalt	0.050 - -	0.005	6010	ICP
Cr	Chromium	0.36 : .05	0.005	6010	ICP
Cu	Copper	0.20 : 1.0	0.01	6010	ICP
Hg	Mercury	ND : .002	0.0003	7470	Hg
Mo	Molybdenum	ND - -	0.01	6010	ICP
Ni	Nickel	0.33 - -	0.01	6010	ICP
Pb	Lead	ND : .05	0.03	6010	ICP
Sb	Antimony	ND - -	0.01	6010	ICP
Se	Selenium	ND : .01	0.04	7740	V22
Tl	Thallium	0.65 - -	0.04	6010	ICP
V	Vanadium	0.42 - -	0.01	6010	ICP
Zn	Zinc	0.31 : 3.0	0.01	6010	ICP

ND = Not Detected

* INST. = Instrument Number

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-1
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-05K
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

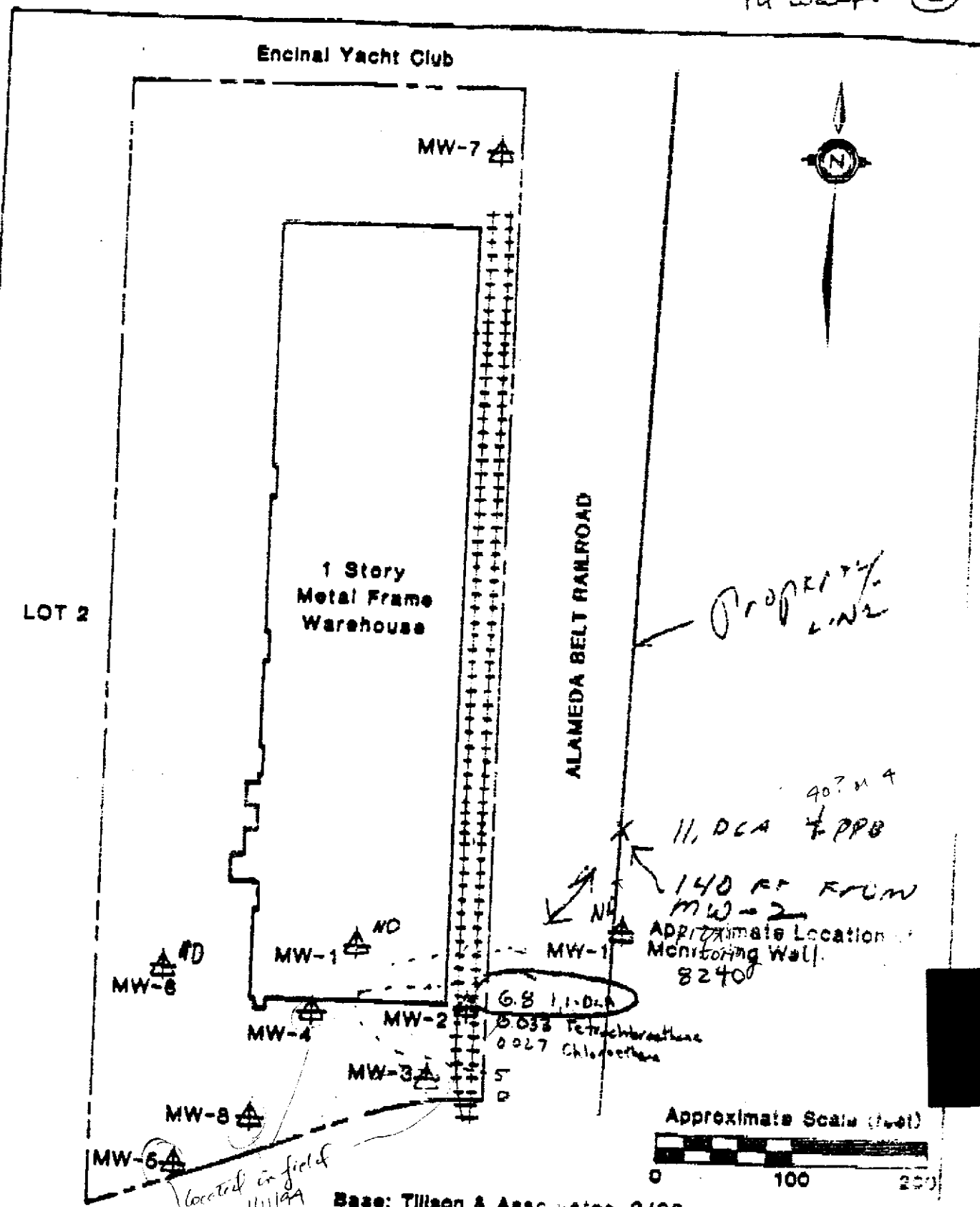
CAM-17 METALS

CODE	METAL	CONCENTRATION		DETECTION LIMIT (mg/L)	METHOD REFERENCE	INST.*
		(mg/L)	M.C.L.			
Ag	Silver	ND		0.01	6010	ICP
As	Arsenic	0.17	✓ .050	0.03	7060	V22
Ba	Barium	0.54	6000	0.005	6010	ICP
Be	Beryllium	0.003	--	0.001	6010	ICP
Cd	Cadmium	ND	.010	0.005	6010	ICP
Co	Cobalt	0.058	--	0.005	6010	ICP
Cr	Chromium	0.33	✓ .050	0.005	6010	ICP
Cu	Copper	0.20	110	0.01	6010	ICP
Hg	Mercury	0.0013	.002	0.0003	7470	Hg
Mo	Molybdenum	ND	--	0.01	6010	ICP
Ni	Nickel	0.28	--	0.01	6010	ICP
Pb	Lead	0.05	✓ .050	0.03	6010	ICP
Sb	Antimony	ND	--	0.01	6010	ICP
Se	Selenium	ND	.01	0.04	7740	V22
Tl	Thallium	0.28	--	0.04	6010	ICP
V	Vanadium	0.32	--	0.01	6010	ICP
Zn	Zinc	0.30	5.0	0.01	6010	ICP

ND - Not Detected

* INST. = Instrument Number

volatiles
in water ②



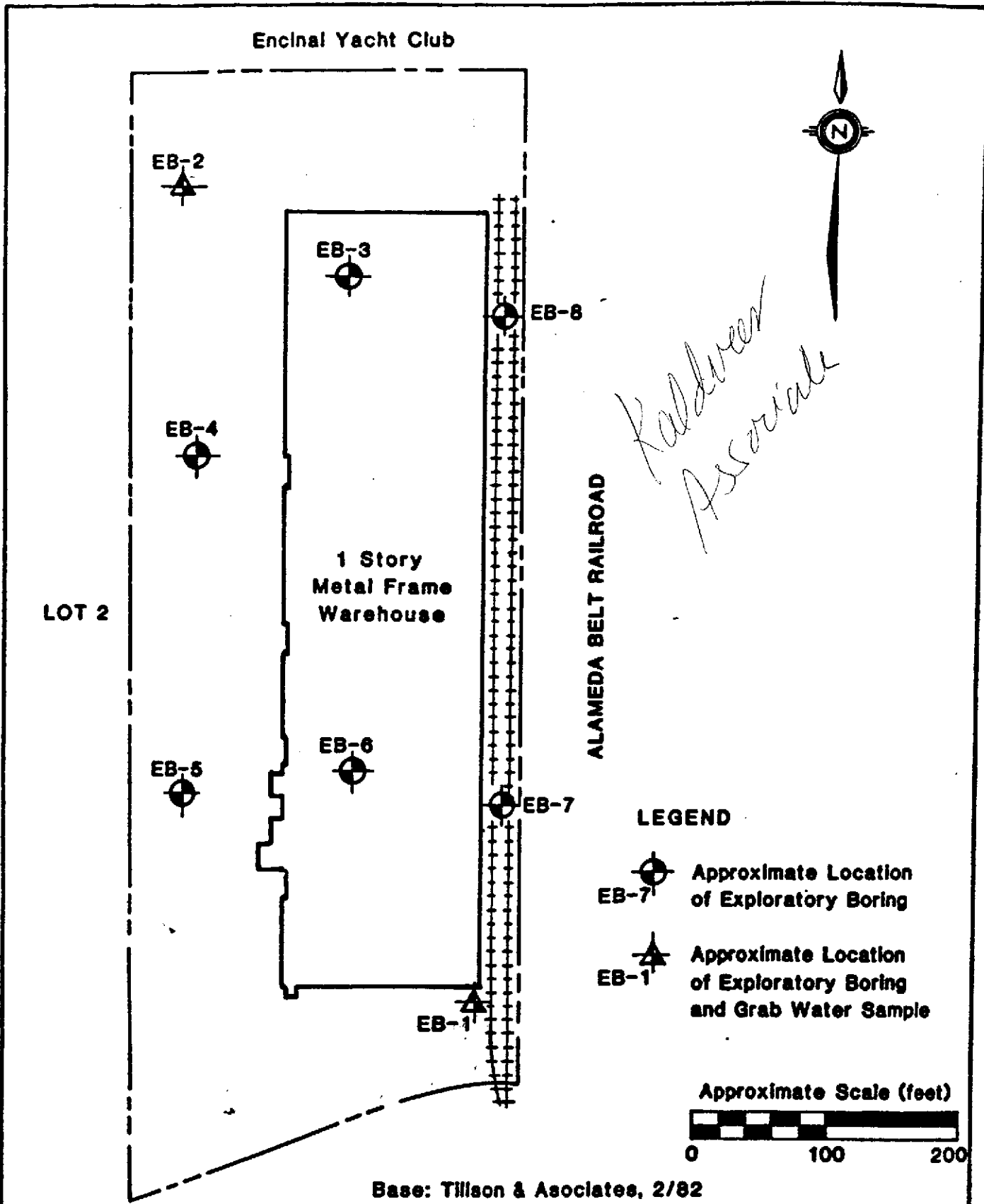
located in field 11/11/82

Base: Tilison & Associates, 2/82



Kaldveer Associates
Geoscience Consultants
A California Corporation

EPA 8240		SITE PLAN	
2020 SHERMAN GROUNDWATER			
Alameda, California			
PRC	9	DATE	
KE896	20	September 1980	Fig. 1



Base: Tillson & Associates, 2/82



Kaldveer Associates
 Geoscience Consultants
 A California Corporation

SITE PLAN

2020 SHERMAN
 Alameda, California

PROJECT NO.	DATE
KE899-37-281	August 1990

Figure 2

2173-3868
 Frank Clark
 J. J. Clark



FAX TRANSMISSION COVER

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 3440 VINCENT ROAD
 PLEASANT HILL, CA 94523

FAX NO. (415) 930-0256
 PHONE NO. (415) 930-9090

DATE: 8/17/90

NO. OF PAGES FAXED (INCLUDING COVER) 1

REPLY REQUESTED: NO YES () URGENT () FAX REPLY ()
 PHONE REPLY () FYI ()

TO: Dennis Laduzinsky
Kalder

2020
Sherman

FROM: Therese Van Vleet

MED-TOX JOB NO: 9008051

CLIENT IDENTIFICATION: KE899-37-281

- FINAL RESULTS
- PARTIAL RESULTS
- PRELIMINARY RESULTS, SUBJECT TO APPROVAL

COMMENTS: Cyanide results. Method 9010

MCL
 0.2 mg/l

K.A. ID	Cyanide	Detection limit
EB-1,5,6,7-2'	0.5 mg/kg	0.4
EB-1,5,6,7-6'	0.4	
EB-2,3,4,8-2'	1.2	
EB-2,3,4,8-6'	0.85	
		Detection limit
EB-1	ND mg/L	0.02
EB-2	ND mg/L	

2020 Sherman



FAX TRANSMISSION COVER

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DATE: 8/17/90

NO. OF PAGES FAXED (INCLUDING COVER) 9

REPLY REQUESTED: NO YES() URGENT() FAX REPLY()
PHONE REPLY() FYI()

TO: Deanna Kadzinsky
Kalifornia

FROM: Cheryle Van Vleet

MED-TOX JOB NO: 4008051

CLIENT IDENTIFICATION: NE 899-37-281

- FINAL RESULTS
- PARTIAL RESULTS
- PRELIMINARY RESULTS, SUBJECT TO APPROVAL

COMMENTS: Should have organisms & CN- results
by 5:00 PM.
EPI- water exceeds Cr^T
= load

AEN Amer Enviro network SIO 930 9090 Proxy

MED-TOX DATA SE

MED-TOX JOB# 805-1 CL1
 DATE EXTRACTED: 8/14 DII
 DATE ANALYZED: 8/13-21 INS

Unknown sample ID

Larry Klein

HYDROCARBON

Report generated?

Call Med-Tox

Sample Id.	Purgeable Hydrocarbons as Gasoline (mg/kg)	Extractable Hydrocarbons as Diesel (mg/kg)	(mg/kg)	()
<u>8051-01A</u>	<u>ND</u>	<u>ND (50)</u>	<u>180</u>	
<u>-02A</u>	<u>ND</u>	<u>ND</u>	<u>40</u>	
<u>-03A</u>	<u>ND</u>	<u>ND</u>	<u>110</u>	
<u>EB-1 4' ? -04A</u>	<u>ND</u>	<u>ND (20)</u>	<u>70</u>	

Det. Limit 0.2 mg/kg (except where otherwise noted in parenthesis)
10 mg/kg
 Method: 8015 (modified)
 ND = Not Detected

20 mg/kg

TPH DATA

Sample Id.	Purgeable Hydrocarbons as Gasoline (mg/L)	Extractable Hydrocarbons as Diesel (mg/L)	Extractable Hydrocarbons as Oil (mg/L)
<u>8051-05</u> EB-1	<u>ND</u>	<u>ND</u>	<u>0.3</u>
<u>06</u> EB-2	<u>ND</u>	<u>ND</u>	<u>0.2</u>
Det Limit	0.05	0.05	0.2

(unless otherwise noted in parenthesis)

2020 Sherman

Water

EB-1

1500 ppb 1,1-DCA ✓

AAL

MCL

20 ppb

--

17 ppb 1,1,1-TCA

200

200

0.3 ppm oil

.17 ppm Arsenic

.05

.33 ppm Cr

.05 (VI?)

new ★

.05 ppm lead

.05

EB-2

.96 ppm Cr

.05 (VI?)

new ★

0.2 ppm oil

Soil

2' EB 1, 5, 6, 7, - clean

6' EB 1, 5, 6, 7, - 400 ppb 1,1-DCA, (below water table)

6', EB 2, 3, 4, 8 - < 1.5 ppm PNA!

2' soils. 150 & 110 ppm oil.

6' soils. 40 & 70 ppm oil.

20 20 Sherman



FAX TRANSMISSION COVER

MED-TOX ASSOCIATES, INC.
3440 VINCENT ROAD
PLEASANT HILL, CA 94523

FAX NO. (415) 930-0256
PHONE NO. (415) 930-9090

DATE: 8/20/01

NO. OF PAGES FAXED (INCLUDING COVER) 32

REPLY REQUESTED: NO YES () URGENT () FAX REPLY ()
PHONE REPLY () FYI

TO: Dennis Laduzinsky
Kaldeen Associates

FROM: Denise Harrington

MED-TOX JOB NO: 9008051

CLIENT IDENTIFICATION: KE 899-37-281

- FINAL RESULTS
- PARTIAL RESULTS
- PRELIMINARY RESULTS, SUBJECT TO APPROVAL

COMMENTS: CB-1 water - 1500 ppb 1,1-DCA - 11 DCA
17 ppb 1,1,1-TCA. AAC = 20 PPL

2' soils - 150 & 110 ppm oil
6' soils - 40 & 70 ppm oil, AAC = 200

2' soil (CB-1) 400 ppb 1,1-DCA.

2,3,4,8 @ 6' low PMA < ~~1.5~~ < 1.5 ppm.

DASH 056 SAMPLE ID EB-1 STORED R-1.5-G TEST Organochlorine Pest. & PCBs
DATE and TIME COLLECTED 08/09/90

EPA METHOD 608
ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (default)
Aldrin	309-00-2	ND	(0.05)
alpha-BHC	319-84-6	_____	(0.05)
beta-BHC	319-85-7	_____	(0.05)
delta-BHC	319-86-8	_____	(0.05)
gamma-BHC (Lindane)	58-89-9	_____	(0.05)
Chlordane	57-74-9	_____	(0.5)
4,4'-DDD	72-54-8	_____	(0.1)
2,4'-DDD	53-19-0	_____	(0.1)
4,4'-DDE	72-55-9	_____	(0.1)
2,4'-DDE	3424-82-6	_____	(0.1)
4,4'-DDT	50-29-3	_____	(0.1)
2,4'-DDT	789-02-6	_____	(0.1)
Dieldrin	60-57-1	_____	(0.1)
Endosulfan I	959-98-8	_____	(0.05)
Endosulfan II	33212-65-9	_____	(0.1)
Endosulfan sulfate	1031-07-8	_____	(0.1)
Endrin	72-20-8	_____	(0.1)
Endrin aldehyde	7421-93-4	_____	(0.1)
Heptachlor	76-44-8	_____	(0.05)
Heptachlor epoxide	1024-57-3	_____	(0.05)
Methoxychlor	72-43-5	_____	(0.1)
Toxaphene	8001-35-2	_____	(0.5)
PCB-1016	12674-11-2	_____	(0.5)
PCB-1221	11104-28-2	_____	(0.5)
PCB-1232	11141-16-5	_____	(0.5)
PCB-1242	53469-21-9	_____	(0.5)
PCB-1248	12672-29-6	_____	(0.5)
PCB-1254	11097-69-1	_____	(0.5)
PCB-1260	11096-82-5	_____	(0.5)

DILUTION FACTOR: 1 DATE EXTRACTED: 8/16, 19
DATE ANALYZED: 8/16, 20
INSTRUMENT: #2

NOTE "04"

DASH 05C SAMPLE ID EB-1 STORED R-3,S-4 TEST GC/MS Volatile Organics
DATE and TIME COLLECTED 08/09/90

EPA METHOD 624

PURGEABLE ORGANIC COMPOUNDS

DILUTION FACTOR: 1 DATE ANALYZED: 8-13-90
INSTRUMENT: #12

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (Default)
Acetone	67-64-1	ND	(100)
Benzene	71-43-2	↓	(5)
Bromodichloromethane	75-27-4	↓	(5)
Bromoform	75-25-2	↓	(5)
Bromomethane	74-83-9	↓	(10)
2-Butanone	78-93-3	↓	(100)
Carbon Disulfide	75-15-0	↓	(10)
Carbon Tetrachloride	56-23-5	↓	(5)
Chlorobenzene	108-90-7	↓	(5)
Chloroethane	75-00-3	↓	(10)
2-Chloroethyl Vinyl Ether	110-75-8	↓	(10)
Chloroform	67-66-3	↓	(5)
Chloromethane	74-87-3	↓	(10)
Dibromochloromethane	124-48-1	↓	(5)
1,1-Dichloroethane	75-34-3	1500	(5)
1,2-Dichloroethane	107-06-2	ND	(5)
1,1-Dichloroethene	75-35-4	↓	(5)
1,2-Dichloroethene, total	540-59-0	↓	(5)
1,2-Dichloropropane	78-87-5	↓	(5)
cis-1,3-Dichloropropene	10061-01-5	↓	(5)
trans-1,3-Dichloropropene	10061-02-6	↓	(5)
Ethylbenzene	100-41-4	↓	(5)
2-Hexanone	591-78-6	↓	(50)
Methylene Chloride	75-09-2	ND	(5)
4-Methyl-2-pentanone	108-10-1	ND	(50)
Styrene	100-42-5	↓	(5)
1,1,2,2-Tetrachloroethane	79-34-5	↓	(5)
Tetrachloroethene	127-18-4	↓	(5)
Toluene	108-88-3	↓	(5)
1,1,1-Trichloroethane	71-55-6	17	(5)
1,1,2-Trichloroethane	79-00-5	↓	(5)
Trichloroethene	79-01-6	ND	(5)
Vinyl Acetate	108-05-4	↓	(50)
Vinyl Chloride	75-01-4	↓	(10)
Xylenes, total	1330-20-7	↓	(10)

DASH 051 SAMPLE ID EB-1

STORED R-1,S-G

TEST Acid/Base Ntr. Extr.

DATE and TIME COLLECTED 08/09/90

DILUTION FACTOR: 1

DATE EXTRACTED: 8/12, 14

INSTRUMENT: 11

DATE ANALYZED: 8/14-16

EPA METHOD 625
BASE NEUTRAL EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (default)
Acenaphthene	83-32-9	ND	(10)
Acenaphthylene	208-96-8		(10)
Anthracene	120-12-7		(10)
Benzidine	92-87-5		(50)
Benzoic Acid	65-85-0		(50)
Benzo(a)anthracene	56-55-3		(10)
Benzo(b)fluoranthene	205-99-2		(10)
Benzo(k)fluoranthene	207-08-9		(10)
Benzo(g,h,i)perylene	191-24-2		(10)
Benzo(a)pyrene	50-32-8		(10)
Benzyl Alcohol	100-51-6		(20)
Bis(2-chloroethoxy) methane	111-91-1		(10)
Bis(2-chloroethyl)ether	111-44-4		(10)
Bis(2-chloroisopropyl) ether	39638-32-9		(10)
Bis(2-ethylhexyl) phthalate	117-81-7		(10)
4-Bromophenyl Phenyl ether	101-55-3		(10)
Butylbenzyl phthalate	85-68-7		(10)
4-Chloroaniline	106-47-8		(20)
2-Chloronaphthalene	91-58-7		(10)
4-Chlorophenyl phenyl ether	7005-72-3		(10)
Chrysene	218-01-9		(10)
Dibenzo(a,h)anthracene	53-70-3		(10)
Dibenzofuran	132-64-9		(10)
Di-n-butylphthalate	84-74-2		(10)
1,2-Dichlorobenzene	95-50-1		(10)
1,3-Dichlorobenzene	541-73-1		(10)
1,4-Dichlorobenzene	106-46-7		(10)
3,3-Dichlorobenzidine	91-94-1		(20)
Diethylphthalate	84-66-2		(10)
Dimethylphthalate	131-11-3		(10)
2,4-Dinitrotoluene	121-14-2		(10)
2,6-Dinitrotoluene	606-20-2		(10)
Di-n-octylphthalate	117-84-0		(10)
1,2-Diphenylhydrazine	122-66-7		(10)

Note "04"

DASH 051 SAMPLE ID EB-1 STORED R-1,S-6 TEST Acid/Base Ntr. Extr.
DATE and TIME COLLECTED 08/09/90

EPA METHOD 625
BASE NEUTRAL EXTRACTABLES (Cont.)

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (default)
Fluoroanthene	206-44-0	ND	(10)
Fluorene	86-73-7		(10)
Hexachlorobenzene	118-74-1		(10)
Hexachlorobutadiene	87-68-3		(10)
Hexachlorocyclopentadiene	77-47-4		(10)
Hexachloroethane	67-72-1		(10)
Indeno(1,2,3-cd)pyrene	193-39-5		(10)
Isophorone	78-59-1		(10)
2-Methylnaphthalene	91-57-6		(10)
Naphthalene	91-20-3		(10)
2-Nitroaniline	88-74-4		(50)
3-Nitroaniline	99-09-2		(50)
4-Nitroaniline	100-01-6		(50)
Nitrobenzene	98-95-3		(10)
N-nitrosodimethylamine	62-75-9		(10)
N-nitrosodiphenylamine	86-30-6		(10)
N-nitroso-di-n-propylamine	621-64-7		(10)
Phenanthrene	85-01-8		(10)
Pyrene	129-00-0		(10)
1,2,4-Trichlorobenzene	120-82-1		(10)

PAGE 27
RECEIVED: 08/09/90

MED-TOX
EPA625 RESULTS BY FRACTION

ORD # 90-08-051-OR
CONTINUED FROM ABOVE

DASH 051 SAMPLE ID EB-1 STORED R-1,S-6 TEST Acid/Base Ntr, Extr.
DATE and TIME COLLECTED 08/09/90

EPA METHOD 625
ACID EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (default)
4-Chloro-3-methylphenol	59-50-7	ND	(10)
2-Chlorophenol	95-57-8		(10)
2,4-Dichlorophenol	120-83-2		(10)
2,4-Dimethylphenol	105-67-9		(10)
4,6-Dinitro-2-methylphenol	534-52-1		(50)
2,4-Dinitrophenol	51-28-5		(50)
2-Methylphenol	95-48-7		(10)
4-Methylphenol	106-44-5		(10)
2-Nitrophenol	88-75-5		(10)
4-Nitrophenol	100-02-7		(50)
Pentachlorophenol	87-86-5		(50)
Phenol	108-95-2		(10)
2,4,5-Trichlorophenol	95-95-4		(10)
2,4,6-Trichlorophenol	88-06-2		(10)

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-1
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-05K
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/L)	DETECTION LIMIT (mg/L)	METHOD REFERENCE	INST.*
Ag	Silver	ND	0.01	6010	ICP
As	Arsenic	0.17 ✓ .050	0.03	7060	V22
Ba	Barium	0.54 6000	0.005	6010	ICP
Be	Beryllium	0.003 --	0.001	6010	ICP
Cd	Cadmium	ND .010	0.005	6010	ICP
Co	Cobalt	0.058 --	0.005	6010	ICP
Cr	Chromium	0.33 ✓ .050	0.005	6010	ICP
Cu	Copper	0.20 110	0.01	6010	ICP
Hg	Mercury	0.0013 .002	0.0003	7470	Hg
Mo	Molybdenum	ND --	0.01	6010	ICP
Ni	Nickel	0.28 --	0.01	6010	ICP
Pb	Lead	0.05 ✓ .050	0.03	6010	ICP
Sb	Antimony	ND --	0.01	6010	ICP
Se	Selenium	ND .01	0.04	7740	V22
Tl	Thallium	0.28 --	0.04	6010	ICP
V	Vanadium	0.32 --	0.01	6010	ICP
Zn	Zinc	0.30 5.0	0.01	6010	ICP

ND = Not Detected

* INST. = Instrument Number

DASH 066 SAMPLE ID EB-2

STORED R-1,S-G
DATE and TIME COLLECTED 08/09/90

TEST Organochlorine Pest.& PCBs

EPA METHOD 608
ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (default)
Aldrin	309-00-2	ND	(0.05)
alpha-BHC	319-84-6		(0.05)
beta-BHC	319-85-7		(0.05)
delta-BHC	319-86-8		(0.05)
gamma-BHC (lindane)	58-89-9		(0.05)
Chlordane	57-74-9		(0.5)
4,4'-DDD	72-54-8		(0.1)
2,4'-DDD	53-19-0		(0.1)
4,4'-DDE	72-55-9		(0.1)
2,4'-DDE	3424-82-6		(0.1)
4,4'-DDT	50-29-3		(0.1)
2,4'-DDT	789-02-6		(0.1)
Dieldrin	60-57-1		(0.1)
Endosulfan I	959-98-8		(0.05)
Endosulfan II	33212-65-9		(0.1)
Endosulfan sulfate	1031-07-8		(0.1)
Endrin	72-20-8		(0.1)
Endrin aldehyde	7421-93-4		(0.1)
Heptachlor	76-44-8		(0.05)
Heptachlor epoxide	1024-57-3		(0.05)
Methoxychlor	72-43-5		(0.1)
Toxaphene	8001-35-2		(0.5)
PCB-1016	12674-11-2		(0.5)
PCB-1221	11104-28-2		(0.5)
PCB-1232	11141-16-5		(0.5)
PCB-1242	53469-21-9		(0.5)
PCB-1248	12672-29-6		(0.5)
PCB-1254	11097-69-1		(0.5)
PCB-1260	11096-82-5		(0.5)

DILUTION FACTOR: 1

DATE EXTRACTED: 8/16/90

DATE ANALYZED: 8/16/90

INSTRUMENT: #2

DASH 05C SAMPLE ID EB-2

STORED R-3,S-4

TEST GC/MS Volatile Organics

DATE and TIME COLLECTED 08/09/90

EPA METHOD 624

PURGEABLE ORGANIC COMPOUNDS

DILUTION FACTOR: _____ DATE ANALYZED: 8-13

INSTRUMENT: #12

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (Default)
Acetone	67-64-1	ND	(100)
Benzene	71-43-2		(5)
Bromodichloromethane	75-27-4		(5)
Bromoform	75-25-2		(5)
Bromomethane	74-83-9		(10)
2-Butanone	78-93-3		(100)
Carbon Disulfide	75-15-0		(10)
Carbon Tetrachloride	56-23-5		(5)
Chlorobenzene	108-90-7		(5)
Chloroethane	75-00-3		(10)
2-Chloroethyl Vinyl Ether	110-75-8		(10)
Chloroform	67-66-3		(5)
Chloromethane	74-87-3		(10)
Dibromochloromethane	124-48-1		(5)
1,1-Dichloroethane	75-34-3		(5)
1,2-Dichloroethane	107-06-2		(5)
1,1-Dichloroethene	75-35-4		(5)
1,2-Dichloroethene, total	540-59-0		(5)
1,2-Dichloropropane	78-87-5		(5)
cis-1,3-Dichloropropene	10061-01-5		(5)
trans-1,3-Dichloropropene	10061-02-6		(5)
Ethylbenzene	100-41-4		(5)
2-Hexanone	591-78-6		(50)
Methylene Chloride	75-09-2		(5)
4-Methyl-2-pentanone	108-10-1		(50)
Styrene	100-42-5		(5)
1,1,2,2-Tetrachloroethane	79-34-5		(5)
Tetrachloroethene	127-18-4		(5)
Toluene	108-88-3		(5)
1,1,1-Trichloroethane	71-55-6		(5)
1,1,2-Trichloroethane	79-00-5		(5)
Trichloroethene	79-01-6		(5)
Vinyl Acetate	108-05-4		(50)
Vinyl Chloride	75-01-4		(10)
Xylenes, total	1330-20-7		(10)

DASH 061 SAMPLE ID EB-2 STORED R-1,S-8 TEST Acid/Base Ntr. Extr.
DATE and TIME COLLECTED 08/09/90

DILUTION FACTOR: 1 DATE EXTRACTED: 8/12/14
INSTRUMENT: 11 DATE ANALYZED: 8/14/16

EPA METHOD 625
BASE NEUTRAL EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (default)
Acenaphthene	83-32-9	ND	(10)
Acenaphthylene	208-96-8		(10)
Anthracene	120-12-7		(10)
Benzidine	92-87-5		(50)
Benzoic Acid	65-85-0		(50)
Benzo(a)anthracene	56-55-3		(10)
Benzo(b)fluoranthene	205-99-2		(10)
Benzo(k)fluoranthene	207-08-9		(10)
Benzo(g,h,i)perylene	191-24-2		(10)
Benzo(a)pyrene	50-32-8		(10)
Benzyl Alcohol	100-51-6		(20)
Bis(2-chloroethoxy) methane	111-91-1		(10)
Bis(2-chloroethyl)ether	111-44-4		(10)
Bis(2-chloroisopropyl) ether	39638-32-9		(10)
Bis(2-ethylhexyl) phthalate	117-81-7		(10)
4-Bromophenyl Phenyl ether	101-55-3		(10)
Butylbenzyl phthalate	85-68-7		(10)
4-Chloroaniline	106-47-8		(20)
2-Chloronaphthalene	91-58-7		(10)
4-Chlorophenyl phenyl ether	7005-72-3		(10)
Chrysene	218-01-9		(10)
Dibenz(a,h)anthracene	53-70-3		(10)
Dibenzofuran	132-64-9		(10)
Di-n-butylphthalate	84-74-2		(10)
1,2-Dichlorobenzene	95-50-1		(10)
1,3-Dichlorobenzene	541-73-1		(10)
1,4-Dichlorobenzene	106-46-7		(10)
3,3-Dichlorobenzidine	91-94-1		(20)
Diethylphthalate	84-66-2		(10)
Dimethylphthalate	131-11-3		(10)
2,4-Dinitrotoluene	121-14-2		(10)
2,6-Dinitrotoluene	606-20-2		(10)
Di-n-octylphthalate	117-84-0		(10)
1,2-Diphenylhydrazine	122-66-7		(10)

DASH 061 SAMPLE ID EB-2 STORED R-1,S-G TEST Acid/Base Ntr. Extr.
 DATE and TIME COLLECTED 08/09/90

EPA METHOD 625
 BASE NEUTRAL EXTRACTABLES (Cont.)

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (default)
Fluoranthene	206-44-0	ND	(10)
Fluorene	86-73-7	_____	(10)
Hexachlorobenzene	118-74-1	_____	(10)
Hexachlorobutadiene	87-68-3	_____	(10)
Hexachlorocyclopentadiene	77-47-4	_____	(10)
Hexachloroethane	67-72-1	_____	(10)
Indeno(1,2,3-cd)pyrene	193-39-5	_____	(10)
Isophorone	78-59-1	_____	(10)
2-Methylnaphthalene	91-57-6	_____	(10)
Naphthalene	91-20-3	_____	(10)
2-Nitrodaniline	88-74-4	_____	(50)
3-Nitrodaniline	99-09-2	_____	(50)
4-Nitrodaniline	100-01-6	_____	(50)
Nitrobenzene	98-95-3	_____	(10)
N-nitrosodimethylamine	62-75-9	_____	(10)
N-nitrosodiphenylamine	86-30-6	_____	(10)
N-nitroso-di-n-propylamine	621-64-7	_____	(10)
Phenanthrene	85-01-8	_____	(10)
Pyrene	129-00-0	_____	(10)
1,2,4-Trichlorobenzene	120-82-1	_____	(10)

PAGE 30
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MED-TOX
EPA625 RESULTS BY FRACTION

ORD # 90-08-051-0R
CONTINUED FROM ABOVE

DASH 061 SAMPLE ID EB-2 STORED R-1,S-G TEST Acid/Base Ntr. Extr.
DATE and TIME COLLECTED 08/09/90

EPA METHOD 625
ACID EXTRACTABLES

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L) (default)
4-Chloro-3-methylphenol	59-50-7	(N)	(10)
2-Chlorophenol	95-57-8		(10)
2,4-Dichlorophenol	120-83-2		(10)
2,4-Dimethylphenol	105-67-9		(10)
4,6-Dinitro-2-methylphenol	534-52-1		(50)
2,4-Dinitrophenol	51-28-5		(50)
2-Methylphenol	95-48-7		(10)
4-Methylphenol	106-44-5		(10)
2-Nitrophenol	88-75-5		(10)
4-Nitrophenol	100-02-7		(50)
Pentachlorophenol	87-86-5		(50)
Phenol	108-95-2		(10)
2,4,5-Trichlorophenol	95-95-4		(10)
2,4,6-Trichlorophenol	88-06-2		(10)

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-2
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-D6K
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAN-17 METALS

CODE	METAL	CONCENTRATION (mg/L)	DETECTION LIMIT (mg/L)	METHOD REFERENCE	INST.*
Ag	Silver	ND	0.01	6010	ICP
As	Arsenic	0.15 .05	0.03	7060	V22
Ba	Barium	0.77 1.0	0.005	6010	ICP
Be	Beryllium	0.004 - -	0.001	6010	ICP
Cd	Cadmium	ND .01	0.005	6010	ICP
Co	Cobalt	0.050 - -	0.005	6010	ICP
Cr	Chromium	0.36 ✓ .05	0.005	6010	ICP
Cu	Copper	0.20 1.0	0.01	6010	ICP
Hg	Mercury	ND .002	0.0003	7470	Hg
Mo	Molybdenum	ND - -	0.01	6010	ICP
Ni	Nickel	0.33 - -	0.01	6010	ICP
Pb	Lead	ND .05	0.03	6010	ICP
Sb	Antimony	ND - -	0.01	6010	ICP
Se	Selenium	ND .01	0.04	7740	V22
Tl	Thallium	0.65 - -	0.04	6010	ICP
V	Vanadium	0.42 - -	0.01	6010	ICP
Zn	Zinc	0.31 3.0	0.01	6010	ICP

ND = Not Detected

* INST. = Instrument Number

PAGE 1
RECEIVED: 08/09/90

MED-TOX DATA SHEET
8080 RESULTS BY FRACTION

ORD # 90-08-051-OR

DASH Q1A SAMPLE ID EB-1,5,6,7-2 (COMP) STORED R-4,S-B TEST Orgchlrn. Pest.&PCBs
DATE and TIME COLLECTED 08/09/90

METHOD 8080
ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Aldrin	309-00-2	<u>NID</u>	(5)
alpha-BHC	319-84-6	_____	(5)
beta-BHC	319-85-7	_____	(5)
delta-BHC	319-86-8	_____	(5)
gamma-BHC (Lindane)	58-89-9	_____	(5)
Chlordane	57-74-9	_____	(50)
4,4'-DOD	72-54-8	_____	(10)
2,4'-DOD	53-19-0	_____	(10)
4,4'-DOE	72-55-9	_____	(10)
2,4'-DOE	3424-82-6	_____	(10)
4,4'-DOT	50-29-3	_____	(10)
2,4'-DOT	789-02-6	_____	(10)
Dieldrin	60-57-1	_____	(10)
Endosulfan I	959-98-8	_____	(5)
Endosulfan II	33212-65-9	_____	(10)
Endosulfan sulfate	1031-07-8	_____	(10)
Endrin	72-20-8	_____	(10)
Endrin aldehyde	7421-93-4	_____	(10)
Heptachlor	76-44-8	_____	(5)
Heptachlor epoxide	1024-57-3	_____	(5)
Methoxychlor	72-43-5	_____	(10)
Toxaphene	8001-35-2	_____	(50)
PCB-1016	12674-11-2	_____	(50)
PCB-1221	11104-28-2	_____	(50)
PCB-1232	11141-16-5	_____	(50)
PCB-1242	53469-21-9	_____	(50)
PCB-1248	12672-29-6	_____	(50)
PCB-1254	11097-69-1	_____	(50)
PCB-1260	11096-82-5	_____	(50)

DILUTION FACTOR: 1 DATE EXTRACTED: 8/13
DATE ANALYZED: 8/14
INSTRUMENT: #2

DASH 02A SAMPLE ID EB-1.5.6.7-6 (COMP) STORED R-4,S-B TEST Orgchlrm, Pest.&PCBs
DATE and TIME COLLECTED 08/09/90

METHOD 8080
ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Aldrin	309-00-2	<u>ND</u>	(5)
alpha-BHC	319-84-6	_____	(5)
beta-BHC	319-85-7	_____	(5)
delta-BHC	319-86-8	_____	(5)
gamma-BHC (Lindane)	58-89-9	_____	(5)
Chlordane	57-74-9	_____	(50)
4,4'-DDD	72-54-8	_____	(10)
2,4'-DDD	53-19-0	_____	(10)
4,4'-DDE	72-55-9	_____	(10)
2,4'-DDE	3424-82-6	_____	(10)
4,4'-DDT	50-29-3	_____	(10)
2,4'-DDT	789-02-6	_____	(10)
Dieldrin	60-57-1	_____	(10)
Endosulfan I	959-98-8	_____	(5)
Endosulfan II	33212-65-9	_____	(10)
Endosulfan sulfate	1031-07-8	_____	(10)
Endrin	72-20-8	_____	(10)
Endrin aldehyde	7421-93-4	_____	(10)
Heptachlor	76-44-8	_____	(5)
Heptachlor epoxide	1024-57-3	_____	(5)
Methoxychlor	72-43-5	_____	(10)
Toxaphene	8001-35-2	_____	(50)
PCB-1016	12674-11-2	_____	(50)
PCB-1221	11104-28-2	_____	(50)
PCB-1232	11141-16-5	_____	(50)
PCB-1242	53469-21-9	_____	(50)
PCB-1248	12672-29-6	_____	(50)
PCB-1254	11097-69-1	_____	(50)
PCB-1260	11096-82-5	<u>(10)</u>	(50)

DILUTION FACTOR: 1 DATE EXTRACTED: 8/12
DATE ANALYZED: 8/14, 8/15
INSTRUMENT: #2

DASH 01A SAMPLE ID EB-1,5,6,7-2 (COMP) STORED R-4,S-B TEST GCMS Vol. Org., soil
DATE and TIME COLLECTED 08/09/90

DILUTION FACTOR: 1 DATE ANALYZED: 8-13

INSTRUMENT: 412

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Acetone	67-64-1	ND	(100)
Benzene	71-43-2	_____	(5)
Bromodichloromethane	75-27-4	_____	(5)
Bromoform	75-25-2	_____	(5)
Bromomethane	74-83-9	_____	(10)
2-Butanone	78-93-3	_____	(100)
Carbon Disulfide	75-15-0	_____	(10)
Carbon Tetrachloride	56-23-5	_____	(5)
Chlorobenzene	108-90-7	_____	(5)
Chloroethane	75-00-3	_____	(10)
2-Chloroethyl Vinyl Ether	110-75-8	_____	(10)
Chloroform	67-66-3	_____	(5)
Chloromethane	74-87-3	_____	(10)
Dibromochloromethane	124-48-1	_____	(5)
1,1-Dichloroethane	75-34-3	_____	(5)
1,2-Dichloroethane	107-06-2	_____	(5)
1,1-Dichloroethene	75-35-4	_____	(5)
1,2-Dichloroethene, total	540-59-0	_____	(5)
1,2-Dichloropropane	78-87-5	_____	(5)
cis-1,3-Dichloropropene	10061-01-5	_____	(5)
trans-1,3-Dichloropropene	10061-02-6	_____	(5)
Ethylbenzene	100-41-4	_____	(5)
2-Hexanone	591-78-6	_____	(50)
Methylene Chloride	75-09-2	_____	(5)
4-Methyl-2-pentanone	108-10-1	_____	(50)
Styrene	100-42-5	_____	(5)
1,1,2,2-Tetrachloroethane	79-34-5	_____	(5)
Tetrachloroethene	127-18-4	_____	(5)
Toluene	108-88-3	_____	(5)
1,1,1-Trichloroethane	71-55-6	_____	(5)
1,1,2-Trichloroethane	79-00-5	_____	(5)
Trichloroethene	79-01-6	_____	(5)
Vinyl Acetate	108-05-4	_____	(50)
Vinyl Chloride	75-01-4	_____	(10)
Xylenes, total	1330-20-7	_____	(10)

DASH 02A SAMPLE ID EB-1,5,6,7-6 (COMP) STORED R-4,5-B TEST GC/MS Vol. Org., soil
DATE and TIME COLLECTED 08/09/90

DILUTION FACTOR: 1 DATE ANALYZED: 8-13

INSTRUMENT: 412

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Acetone	67-64-1	MD	(100)
Benzene	71-43-2	_____	(5)
Bromodichloromethane	75-27-4	_____	(5)
Bromoform	75-25-2	_____	(5)
Bromomethane	74-83-9	_____	(10)
2-Butanone	78-93-3	_____	(100)
Carbon Disulfide	75-15-0	_____	(10)
Carbon Tetrachloride	56-23-5	_____	(5)
Chlorobenzene	108-90-7	_____	(5)
Chloroethane	75-00-3	_____	(10)
2-Chloroethyl Vinyl Ether	110-75-8	_____	(10)
Chloroform	67-66-3	_____	(5)
Chloromethane	74-87-3	_____	(10)
Dibromochloromethane	124-48-1	↓	(5)
1,1-Dichloroethane	75-34-3	400	(5)
1,2-Dichloroethane	107-06-2	MD	(5)
1,1-Dichloroethene	75-35-4	_____	(5)
1,2-Dichloroethene, total	540-59-0	_____	(5)
1,2-Dichloropropane	78-87-5	_____	(5)
cis-1,3-Dichloropropene	10061-01-5	_____	(5)
trans-1,3-Dichloropropene	10061-02-6	_____	(5)
Ethylbenzene	100-41-4	_____	(5)
2-Hexanone	591-78-6	_____	(50)
Methylene Chloride	75-09-2	_____	10 (5)
4-Methyl-2-pentanone	108-10-1	_____	(50)
Styrene	100-42-5	_____	(5)
1,1,2,2-Tetrachloroethane	79-34-5	_____	(5)
Tetrachloroethene	127-18-4	_____	(5)
Toluene	108-88-3	_____	(5)
1,1,1-Trichloroethane	71-55-6	_____	(5)
1,1,2-Trichloroethane	79-00-5	_____	(5)
Trichloroethene	79-01-6	_____	(5)
Vinyl Acetate	108-05-4	_____	(50)
Vinyl Chloride	75-01-4	_____	(10)
Xylenes, total	1330-20-7	↓	(10)

DASH 01A SAMPLE ID FB-1,5,6,7-2 (COMP) STORED R-4,S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

METHOD 8270
GC/MS EXTRACTABLES

DILUTION FACTOR: 1 DATE EXTRACTED 08/13
INSTRUMENT: 11 DATE ANALYZED: 08/14

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Acenaphthene	83-32-9	<u>ND</u>	(330)
Acenaphthylene	208-96-8	<u>ND</u>	(330)
Anthracene	120-12-7	<u>ND</u>	(330)
Benzidine	92-87-5	<u>ND</u>	(1600)
Benzoic Acid	65-85-0	<u>ND</u>	(1600)
Benzo(a)anthracene	56-55-3	<u>ND</u>	(330)
Benzo(b)fluoranthene	205-99-2	<u>ND</u>	(330)
Benzo(k)fluoranthene	207-08-9	<u>ND</u>	(330)
Benzo(g,h,i)perylene	191-24-2	<u>ND</u>	(330)
Benzo(a)pyrene	50-32-8	<u>ND</u>	(330)
Benzyl Alcohol	100-51-6	<u>ND</u>	(660)
Bis(2-chloroethoxy) methane	111-91-1	<u>ND</u>	(330)
Bis(2-chloroethyl)ether	111-44-4	<u>ND</u>	(330)
Bis(2-chloroisopropyl) ether	39638-32-9	<u>ND</u>	(330)
Bis(2-ethylhexyl) phthalate	117-81-7	<u>ND</u>	(330)
4-Bromophenyl Phenyl ether	101-55-3	<u>ND</u>	(330)
Butylbenzyl phthalate	85-68-7	<u>ND</u>	(330)
4-Chloroaniline	106-47-8	<u>ND</u>	(660)
2-Chloronaphthalene	91-58-7	<u>ND</u>	(330)
4-Chlorophenyl phenyl ether	7005-72-3	<u>ND</u>	(330)
Chrysene	218-01-9	<u>ND</u>	(330)
Dibenzo(a,h)anthracene	53-70-3	<u>ND</u>	(330)
Dibenzofuran	132-64-9	<u>ND</u>	(330)
Di-n-butylphthalate	84-74-2	<u>ND</u>	(330)
1,2-Dichlorobenzene	95-50-1	<u>ND</u>	(330)

DASH 01A SAMPLE ID EB-1,5,6,7-2 (COMP) STORED R-4,S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

METHOD 8270
GC/MS EXTRACTABLES (Cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	(330)
1,4-Dichlorobenzene	106-46-7		(330)
3,3'-Dichlorobenzidine	91-94-1		(660)
Diethylphthalate	84-66-2		(330)
Dimethylphthalate	131-11-3		(330)
2,4-Dinitrotoluene	121-14-2		(330)
2,6-Dinitrotoluene	606-20-2		(330)
Di-n-octylphthalate	117-84-0		(330)
1,2-Diphenylhydrazine	122-66-7		(330)
Fluoroanthene	206-44-0		(330)
Fluorene	86-73-7		(330)
Hexachlorobenzene	118-74-1		(330)
Hexachlorobutadiene	87-68-3		(330)
Hexachlorocyclopentadiene	77-47-4		(330)
Hexachloroethane	67-72-1		(330)
Indeno(1,2,3-cd)pyrene	193-39-5		(330)
Isophorone	78-59-1		(330)
2-Methylnaphthalene	91-57-6		(330)
Naphthalene	91-20-3		(330)
2-Nitroaniline	88-74-4		(1600)
3-Nitroaniline	99-09-2		(1600)
4-Nitroaniline	100-01-6		(1600)
Nitrobenzene	98-95-3		(330)
N-nitrosodimethylamine	62-75-9		(330)
N-nitrosodiphenylamine	86-30-6		(330)
N-nitroso-di-n-propylamine	621-64-7		(330)
Phenanthrene	85-01-8		(330)
Pyrene	129-00-0		(330)
1,2,4-Trichlorobenzene	120-82-1		(330)

PAGE 11
RECEIVED: 08/09/90

MED-TOX

DATA SHEET
8270 RESULTS BY FRACTION

ORD # 90-08-051-OR
CONTINUED FROM ABOVE

DASH Q1A SAMPLE ID FB-1.5.6.7-2 (COMP) STORED R-4.S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	<u>ND</u>	(330)
2-Chlorophenol	95-57-8	<u>ND</u>	(330)
2,4-Dichlorophenol	120-83-2	<u>ND</u>	(330)
2,4-Dimethylphenol	105-67-9	<u>ND</u>	(330)
4,6-Dinitro-2-methylphenol	534-52-1	<u>ND</u>	(1600)
2,4-Dinitrophenol	51-28-5	<u>ND</u>	(1600)
2-Methylphenol	95-48-7	<u>ND</u>	(330)
4-Methylphenol	106-44-5	<u>ND</u>	(330)
2-Nitrophenol	88-75-5	<u>ND</u>	(330)
4-Nitrophenol	100-02-7	<u>ND</u>	(1600)
Pentachlorophenol	87-86-5	<u>ND</u>	(1600)
Phenol	108-95-2	<u>ND</u>	(330)
2,4,5-Trichlorophenol	95-95-4	<u>ND</u>	(330)
2,4,6-Trichlorophenol	88-06-2	<u>ND</u>	(330)

DASH 02A SAMPLE ID EB-1,5,6,7-6 (COMP) STORED R-4,S-8 TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

METHOD 8270
GC/MS EXTRACTABLES

DILUTION FACTOR: 1 DATE EXTRACTED 8/13
INSTRUMENT: 11 DATE ANALYZED: 8/14

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Acenaphthene	83-32-9	ND	(330)
Acenaphthylene	208-96-8		(330)
Anthracene	120-12-7		(330)
Benzidine	92-87-5		(1600)
Benzoic Acid	65-85-0		(1600)
Benzo(a)anthracene	56-55-3		(330)
Benzo(b)fluoranthene	205-99-2		(330)
Benzo(k)fluoranthene	207-08-9		(330)
Benzo(g,h,i)perylene	191-24-2		(330)
Benzo(a)pyrene	50-32-8		(330)
Benzyl Alcohol	100-51-6		(660)
Bis(2-chloroethoxy) methane	111-91-1		(330)
Bis(2-chloroethyl)ether	111-44-4		(330)
Bis(2-chloroisopropyl) ether	39638-32-9		(330)
Bis(2-ethylhexyl) phthalate	117-81-7		(330)
4-Bromophenyl Phenyl ether	101-55-3		(330)
Butylbenzyl phthalate	85-68-7		(330)
4-Chloroaniline	106-47-8		(660)
2-Chloronaphthalene	91-58-7		(330)
4-Chlorophenyl phenyl ether	7005-72-3		(330)
Chrysene	218-01-9		(330)
Dibenzo(a,h)anthracene	53-70-3		(330)
Dibenzofuran	132-64-9		(330)
Di-n-butylphthalate	84-74-2		(330)
1,2-Dichlorobenzene	95-50-1		(330)

DASH 02A SAMPLE ID EB-1,5,6,7-6 (COMP) STORED R-4,S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

METHOD 8270
GC/MS EXTRACTABLES (Cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	(330)
1,4-Dichlorobenzene	106-46-7		(330)
3,3'-Dichlorobenzidine	91-94-1		(660)
Diethylphthalate	84-66-2		(330)
Dimethylphthalate	131-11-3		(330)
2,4-Dinitrotoluene	121-14-2		(330)
2,6-Dinitrotoluene	606-20-2		(330)
Di-n-octylphthalate	117-84-0		(330)
1,2-Diphenylhydrazine	122-66-7		(330)
Fluoranthene	206-44-0		(330)
Fluorene	86-73-7		(330)
Hexachlorobenzene	118-74-1		(330)
Hexachlorobutadiene	87-68-3		(330)
Hexachlorocyclopentadiene	77-47-4		(330)
Hexachloroethane	67-72-1		(330)
Indeno(1,2,3-cd)pyrene	193-39-5		(330)
Isophorone	78-59-1		(330)
2-Methylnaphthalene	91-57-6		(330)
Naphthalene	91-20-3		(330)
2-Nitrodaniline	88-74-4		(1600)
3-Nitrodaniline	99-09-2	(1600)	
4-Nitrodaniline	100-01-6	(1600)	
Nitrobenzene	98-95-3	(330)	
N-nitrosodimethylamine	62-75-9	(330)	
N-nitrosodiphenylamine	86-30-6	(330)	
N-nitroso-di-n-propylamine	621-64-7	(330)	
Phenanthrene	85-01-8	(330)	
Pyrene	129-00-0	(330)	
1,2,4-Trichlorobenzene	120-82-1	(330)	

PAGE 14
RECEIVED: 08/09/90

MED-TOX

DATA SHEET
8270 RESULTS BY FRACTION

ORD # 90-08-051-OR
CONTINUED FROM ABOVE

DASH 02A SAMPLE ID EB-1.5.6.7-6 (COMP) STORED R-4,S-B
DATE and TIME COLLECTED 08/09/90

TEST GC/MS Extractables

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	(330)
2-Chlorophenol	95-57-8		(330)
2,4-Dichlorophenol	120-83-2		(330)
2,4-Dimethylphenol	105-67-9		(330)
4,6-Dinitro-2-methylphenol	534-52-1		(1600)
2,4-Dinitrophenol	51-28-5		(1600)
2-Methylphenol	95-48-7		(330)
4-Methylphenol	106-44-5		(330)
2-Nitrophenol	88-75-5		(330)
4-Nitrophenol	100-02-7		(1600)
Pentachlorophenol	87-86-5		(1600)
Phenol	108-95-2		(330)
2,4,5-Trichlorophenol	95-95-4		(330)
2,4,6-Trichlorophenol	88-06-2		(330)

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-1,5,6,7-2 (COMP)
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-01A
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/kg)	TTLIC (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Ag	Silver	ND	500	0.2	6010	ICP
As	Arsenic	13	500	3	7060	V22
Ba	Barium	54	10,000	5	6010	ICP
Be	Beryllium	0.4	75	0.1	6010	ICP
Cd	Cadmium	ND	100	0.2	6010	ICP
Co	Cobalt	7.7	8,000	0.5	6010	ICP
Cr	Chromium	43	2,500	6	6010	ICP
Cu	Copper	54	2,500	1	6010	ICP
Hg	Mercury	0.3	20	0.2	7471	Hg
Mo	Molybdenum	ND	3,500	0.6	6010	ICP
Ni	Nickel	38	2,000	3	6010	ICP
Pb	Lead	9	1,000	2	6010	ICP
Sb	Antimony	ND	500	2	6010	ICP
Se	Selenium	ND	100	2	7740	V22
Tl	Thallium	49	700	3	6010	ICP
V	Vanadium	37	2,400	3	6010	ICP
Zn	Zinc	51	5,000	2	6010	ICP

ND - Not Detected

* INST. - Instrument Number

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-1,5,6,7-6 (COMP)
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-02A
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAN-17 METALS

CODE	METAL	CONCENTRATION (mg/kg)	TTLIC (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Ag	Silver	ND	500	0.2	6010	ICP
As	Arsenic	9	500	3	7060	V22
Ba	Barium	24	10,000	5	6010	ICP
Be	Beryllium	0.3	75	0.1	6010	ICP
Cd	Cadmium	ND	100	0.2	6010	ICP
Co	Cobalt	5.7	8,000	0.5	6010	ICP
Cr	Chromium	35	2,500	6	6010	ICP
Cu	Copper	16	2,500	1	6010	ICP
Hg	Mercury	ND	20	0.2	7471	Hg
Mo	Molybdenum	ND	3,500	0.6	6010	ICP
Ni	Nickel	29	2,000	3	6010	ICP
Pb	Lead	2	1,000	2	6010	ICP
Sb	Antimony	ND	500	2	6010	ICP
Se	Selenium	ND	100	2	7740	V22
Tl	Thallium	20	700	3	6010	ICP
V	Vanadium	33	2,400	3	6010	ICP
Zn	Zinc	29	5,000	2	6010	ICP

ND = Not Detected

* INST. = Instrument Number

DASH Q3A SAMPLE ID EB-2,3,4,8-2 (COMP) STORED R-4,S-B TEST Orchlrm. Pest.&PCBs
DATE and TIME COLLECTED 08/09/90

METHOD 8080
ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Aldrin	309-00-2	<u>NID</u>	(5)
alpha-BHC	319-84-6	_____	(5)
beta-BHC	319-85-7	_____	(5)
delta-BHC	319-86-8	_____	(5)
gamma-BHC (Lindane)	58-89-9	_____	(5)
Chlordane	57-74-9	_____	(50)
4,4'-DDD	72-54-8	_____	(10)
2,4'-DDD	53-19-0	_____	(10)
4,4'-DDE	72-55-9	_____	(10)
2,4'-DDE	3424-82-6	_____	(10)
4,4'-DDT	50-29-3	_____	(10)
2,4'-DDT	789-02-6	_____	(10)
Dieldrin	60-57-1	_____	(10)
Endosulfan I	959-98-8	_____	(5)
Endosulfan II	33212-65-9	_____	(10)
Endosulfan sulfate	1031-07-8	_____	(10)
Endrin	72-20-8	_____	(10)
Endrin aldehyde	7421-93-4	_____	(10)
Heptachlor	76-44-8	_____	(5)
Heptachlor epoxide	1024-57-3	_____	(5)
Methoxychlor	72-43-5	_____	(10)
Toxaphene	8001-35-2	_____	(50)
PCB-1016	12674-11-2	_____	(50)
PCB-1221	11104-28-2	_____	(50)
PCB-1232	11141-16-5	_____	(50)
PCB-1242	53469-21-9	_____	(50)
PCB-1248	12672-29-6	_____	(50)
PCB-1254	11097-69-1	_____	(50)
PCB-1260	11096-82-5	_____	(50)

DILUTION FACTOR: 1 DATE EXTRACTED: 8/13
DATE ANALYZED: 8/14
INSTRUMENT: 22

DASH 04A SAMPLE ID EB-2,3,4,8-6 (COMP) STORED R-4,S-8 TEST Organicln. Pest. & PCBs
DATE and TIME COLLECTED 08/09/90

METHOD 8080

ORGANOCHLORINE PESTICIDES AND PCBs

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Aldrin	309-00-2	ND	(5)
alpha-BHC	319-84-6		(5)
beta-BHC	319-85-7		(5)
delta-BHC	319-86-8		(5)
gamma-BHC (Lindane)	58-89-9		(5)
Chlordane	57-74-9		(50)
4,4'-DDD	72-54-8		(10)
2,4'-DDD	53-19-0		(10)
4,4'-DDE	72-55-9		(10)
2,4'-DDE	3424-82-6		(10)
4,4'-DDT	50-29-3		(10)
2,4'-DDT	789-02-6		(10)
Dieldrin	60-57-1		(10)
Endosulfan I	959-98-8		(5)
Endosulfan II	33212-65-9		(10)
Endosulfan sulfate	1031-07-8		(10)
Endrin	72-20-8		(10)
Endrin aldehyde	7421-93-4		(10)
Heptachlor	76-44-8		(5)
Heptachlor epoxide	1024-57-3		(5)
Methoxychlor	72-43-5		(10)
Toxaphene	8001-35-2		(50)
PCB-1016	12674-11-2		(50)
PCB-1221	11104-28-2		(50)
PCB-1232	11141-16-5		(50)
PCB-1242	53469-21-9		(50)
PCB-1248	12672-29-6		(50)
PCB-1254	11097-69-1		(50)
PCB-1260	11096-82-5		(50)

DILUTION FACTOR: 1

DATE EXTRACTED: 8/13

DATE ANALYZED: 8/14

INSTRUMENT: 42

DASH 03A SAMPLE ID EB-2,3,4,8-2 (COMP) STORED R-4,S-B TEST GCMS Vol. Org., soil
DATE and TIME COLLECTED 08/09/90

DILUTION FACTOR: 1 DATE ANALYZED: 8-13

INSTRUMENT: 412

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Acetone	67-64-1	ND	(100)
Benzene	71-43-2		(5)
Bromodichloromethane	75-27-4		(5)
Bromoform	75-25-2		(5)
Bromomethane	74-83-9		(10)
2-Butanone	78-93-3		(100)
Carbon Disulfide	75-15-0		(10)
Carbon Tetrachloride	56-23-5		(5)
Chlorobenzene	108-90-7		(5)
Chloroethane	75-00-3		(10)
2-Chloroethyl Vinyl Ether	110-75-8		(10)
Chloroform	67-66-3		(5)
Chloromethane	74-87-3		(10)
Dibromochloromethane	124-48-1		(5)
1,1-Dichloroethane	75-34-3		(5)
1,2-Dichloroethane	107-06-2		(5)
1,1-Dichloroethene	75-35-4		(5)
1,2-Dichloroethene, total	540-59-0		(5)
1,2-Dichloropropane	78-87-5		(5)
cis-1,3-Dichloropropene	10061-01-5		(5)
trans-1,3-Dichloropropene	10061-02-6		(5)
Ethylbenzene	100-41-4		(5)
2-Hexanone	591-78-6		(50)
Methylene Chloride	75-09-2		10 (5)
4-Methyl-2-pentanone	108-10-1		(50)
Styrene	100-42-5		(5)
1,1,2,2-Tetrachloroethane	79-34-5		(5)
Tetrachloroethene	127-18-4		(5)
Toluene	108-88-3		(5)
1,1,1-Trichloroethane	71-55-6		(5)
1,1,2-Trichloroethane	79-00-5		(5)
Trichloroethene	79-01-6		(5)
Vinyl Acetate	108-05-4		(50)
Vinyl Chloride	75-01-4		(10)
Xylenes, total	1330-20-7		(10)

✓

DASH 04A SAMPLE ID EB-2,3,4,8-6 (COMP) STORED R-4,5-B TEST GC/MS Vol., Org., soil
DATE and TIME COLLECTED 08/09/90

DILUTION FACTOR: 1

DATE ANALYZED: 8-13, 8-14

INSTRUMENT: #12

EPA METHOD 8240
GC/MS VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Acetone	67-64-1	ND	(100)
Benzene	71-43-2		(5)
Bromodichloromethane	75-27-4		(5)
Bromoform	75-25-2		(5)
Bromomethane	74-83-9		(10)
2-Butanone	78-93-3		(100)
Carbon Disulfide	75-15-0		(10)
Carbon Tetrachloride	56-23-5		(5)
Chlorobenzene	108-90-7		(5)
Chloroethane	75-00-3		(10)
2-Chloroethyl Vinyl Ether	110-75-8		(10)
Chloroform	67-66-3		(5)
Chloromethane	74-87-3		(10)
Dibromochloromethane	124-48-1		(5)
1,1-Dichloroethane	75-34-3		(5)
1,2-Dichloroethane	107-06-2		(5)
1,1-Dichloroethene	75-35-4		(5)
1,2-Dichloroethene, total	540-59-0		(5)
1,2-Dichloropropane	78-87-5		(5)
cis-1,3-Dichloropropene	10061-01-5		(5)
trans-1,3-Dichloropropene	10061-02-6		(5)
Ethylbenzene	100-41-4		(5)
2-Hexanone	591-78-6		(50)
Methylene Chloride	75-09-2		(5)
4-Methyl-2-pentanone	108-10-1		(50)
Styrene	100-42-5		(5)
1,1,2,2-Tetrachloroethane	79-34-5		(5)
Tetrachloroethene	127-18-4		(5)
Toluene	108-88-3		(5)
1,1,1-Trichloroethane	71-55-6		(5)
1,1,2-Trichloroethane	79-00-5		(5)
Trichloroethene	79-01-6		(5)
Vinyl Acetate	108-05-4		(50)
Vinyl Chloride	75-01-4		(10)
Xylenes, total	1330-20-7		(10)

DASH Q3A SAMPLE ID EB-2,3,4,8-2 (COMP) STORED R-4,S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

METHOD 8270
GC/MS EXTRACTABLES

DILUTION FACTOR: 1 DATE EXTRACTED 8/13
INSTRUMENT: 11 DATE ANALYZED: 8/14

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Acenaphthene	83-32-9	<u>ND</u>	(330)
Acenaphthylene	208-96-8	<u>ND</u>	(330)
Anthracene	120-12-7	<u>ND</u>	(330)
Benzidine	92-87-5	<u>ND</u>	(1600)
Benzoic Acid	65-85-0	<u>ND</u>	(1600)
Benzo(a)anthracene	56-55-3	<u>ND</u>	(330)
Benzo(b)fluoranthene	205-99-2	<u>ND</u>	(330)
Benzo(k)fluoranthene	207-08-9	<u>ND</u>	(330)
Benzo(g,h,i)perylene	191-24-2	<u>ND</u>	(330)
Benzo(a)pyrene	50-32-8	<u>ND</u>	(330)
Benzyl Alcohol	100-51-6	<u>ND</u>	(660)
Bis(2-chloroethoxy) methane	111-91-1	<u>ND</u>	(330)
Bis(2-chloroethyl)ether	111-44-4	<u>ND</u>	(330)
Bis(2-chloroisopropyl) ether	39638-32-9	<u>ND</u>	(330)
Bis(2-ethylhexyl) phthalate	117-81-7	<u>ND</u>	(330)
4-Bromophenyl Phenyl ether	101-55-3	<u>ND</u>	(330)
Butylbenzyl phthalate	85-68-7	<u>ND</u>	(330)
4-Chloroaniline	106-47-8	<u>ND</u>	(660)
2-Chloronaphthalene	91-58-7	<u>ND</u>	(330)
4-Chlorophenyl phenyl ether	7005-72-3	<u>ND</u>	(330)
Chrysene	218-01-9	<u>ND</u>	(330)
Dibenzo(a,h)anthracene	53-70-3	<u>ND</u>	(330)
Dibenzofuran	132-64-9	<u>ND</u>	(330)
Di-n-butylphthalate	84-74-2	<u>ND</u>	(330)
1,2-Dichlorobenzene	95-50-1	<u>ND</u>	(330)

DASH 03A SAMPLE ID EB-2,3,4,8-2 (COMP) STORED R-4,5-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

METHOD 8270
GC/MS EXTRACTABLES (Cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	<u>ND</u>	(330)
1,4-Dichlorobenzene	106-46-7		(330)
3,3'-Dichlorobenzidine	91-94-1		(660)
Diethylphthalate	84-66-2		(330)
Dimethylphthalate	131-11-3		(330)
2,4-Dinitrotoluene	121-14-2		(330)
2,6-Dinitrotoluene	606-20-2		(330)
Di-n-octylphthalate	117-84-0		(330)
1,2-Diphenylhydrazine	122-66-7		(330)
Fluoranthene	206-44-0		(330)
Fluorene	86-73-7		(330)
Hexachlorobenzene	118-74-1		(330)
Hexachlorobutadiene	87-68-3		(330)
Hexachlorocyclopentadiene	77-47-4		(330)
Hexachloroethane	67-72-1		(330)
Indeno(1,2,3-cd)pyrene	193-39-5		(330)
Isophorone	78-59-1		(330)
2-Methylnaphthalene	91-57-6		(330)
Naphthalene	91-20-3		(330)
2-Nitroaniline	88-74-4		(1600)
3-Nitroaniline	99-09-2		(1600)
4-Nitroaniline	100-01-6		(1600)
Nitrobenzene	98-95-3		(330)
N-nitrosodimethylamine	62-75-9		(330)
N-nitrosodiphenylamine	86-30-6		(330)
N-nitroso-di-n-propylamine	621-64-7		(330)
Phenanthrene	85-01-8		(330)
Pyrene	129-00-0		(330)
1,2,4-Trichlorobenzene	120-82-1	<u>✓</u>	(330)

DASH 03A SAMPLE ID FB-2,3,4,8-2 (COMP) STORED R-4,S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	(330)
2-Chlorophenol	95-57-8		(330)
2,4-Dichlorophenol	120-83-2		(330)
2,4-Dimethylphenol	105-67-9		(330)
4,6-Dinitro-2-methylphenol	534-52-1		(1600)
2,4-Dinitrophenol	51-28-5		(1600)
2-Methylphenol	95-48-7		(330)
4-Methylphenol	106-44-5		(330)
2-Nitrophenol	88-75-5		(330)
4-Nitrophenol	100-02-7		(1600)
Pentachlorophenol	87-86-5		(1600)
Phenol	108-95-2		(330)
2,4,5-Trichlorophenol	95-95-4		(330)
2,4,6-Trichlorophenol	88-06-2		(330)

DASH 04A SAMPLE ID EB-2,3,4,8-6 (COMP) STORED R-4,S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

METHOD 8270
GC/MS EXTRACTABLES

DILUTION FACTOR: 1 DATE EXTRACTED 8/13
INSTRUMENT: 11 DATE ANALYZED: 8/14

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Acenaphthene	83-32-9	ND	(330)
Acenaphthylene	208-96-8	—	(330)
Anthracene	120-12-7	—	(330)
Benidine	92-87-5	—	(1600)
Benzoic Acid	65-85-0	—	(1600)
Benzo(a)anthracene	56-55-3	—	(330)
Benzo(b)fluoranthene	205-99-2	350	(330)
Benzo(k)fluoranthene	207-08-9	ND	(330)
Benzo(g,h,i)perylene	191-24-2	—	(330)
Benzo(a)pyrene	50-32-8	340	(330)
Benzyl Alcohol	100-51-6	ND	(660)
Bis(2-chloroethoxy) methane	111-91-1	—	(330)
Bis(2-chloroethyl)ether	111-44-4	—	(330)
Bis(2-chloroisopropyl) ether	39638-32-9	—	(330)
Bis(2-ethylhexyl) phthalate	117-81-7	—	(330)
4-Bromophenyl Phenyl ether	101-55-3	—	(330)
Butylbenzyl phthalate	85-68-7	—	(330)
4-Chloroaniline	106-47-8	—	(660)
2-Chloronaphthalene	91-58-7	—	(330)
4-Chlorophenyl phenyl ether	7005-72-3	—	(330)
Chrysene	218-01-9	—	(330)
Dibenzo(a,h)anthracene	53-70-3	—	(330)
Dibenzofuran	132-64-9	—	(330)
Di-n-butylphthalate	84-74-2	—	(330)
1,2-Dichlorobenzene	95-50-1	—	(330)

DASH 04A SAMPLE ID EB-2.3.4.8-6 (COMP) STORED R-4.S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

METHOD 8270
GC/MS EXTRACTABLES (Cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
1,3-Dichlorobenzene	541-73-1	ND	(330)
1,4-Dichlorobenzene	106-46-7		(330)
3,3'-Dichlorobenzidine	91-94-1		(660)
Diethylphthalate	84-66-2		(330)
Dimethylphthalate	131-11-3		(330)
2,4-Dinitrotoluene	121-14-2		(330)
2,6-Dinitrotoluene	606-20-2		(330)
Di-n-octylphthalate	117-84-0		(330)
1,2-Diphenylhydrazine	122-66-7		(330)
Fluoranthene	206-44-0		(330)
Fluorene	86-73-7		(330)
Hexachlorobenzene	118-74-1		(330)
Hexachlorobutadiene	87-68-3		(330)
Hexachlorocyclopentadiene	77-47-4		(330)
Hexachloroethane	67-72-1		(330)
Indeno(1,2,3-cd)pyrene	193-39-5		(330)
Isophorone	78-59-1		(330)
2-Methylnaphthalene	91-57-6		(330)
Naphthalene	91-20-3		(330)
2-Nitroaniline	88-74-4		(1600)
3-Nitroaniline	99-09-2		(1600)
4-Nitroaniline	100-01-6		(1600)
Nitrobenzene	98-95-3		(330)
N-nitrosodimethylamine	62-75-9		(330)
N-nitrosodiphenylamine	86-30-6		(330)
N-nitroso-di-n-propylamine	621-64-7		(330)
Phenanthrene	85-01-8		(330)
Pyrene	129-00-0	760	(330)
1,2,4-Trichlorobenzene	120-82-1	ND	(330)

DASH 04A SAMPLE ID EB-2,3,4,8-6 (COMP) STORED R-4, S-B TEST GC/MS Extractables
DATE and TIME COLLECTED 08/09/90

GC/MS EXTRACTABLES (cont.)

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg)
4-Chloro-3-methylphenol	59-50-7	ND	(330)
2-Chlorophenol	95-57-8		(330)
2,4-Dichlorophenol	120-83-2		(330)
2,4-Dimethylphenol	105-67-9		(330)
4,6-Dinitro-2-methylphenol	534-52-1		(1600)
2,4-Dinitrophenol	51-28-5		(1600)
2-Methylphenol	95-48-7		(330)
4-Methylphenol	106-44-5		(330)
2-Nitrophenol	88-75-5		(330)
4-Nitrophenol	100-02-7		(1600)
Pentachlorophenol	87-86-5		(1600)
Phenol	108-95-2		(330)
2,4,5-Trichlorophenol	95-95-4		(330)
2,4,6-Trichlorophenol	88-06-2		(330)

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-2,3,4,8-2 (COMP)
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-03A
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/kg)	TTLIC (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Ag	Silver	ND	500	0.2	6010	ICP
As	Arsenic	8	500	3	7060	V22
Ba	Barium	59	10,000	5	6010	ICP
Be	Beryllium	0.3	75	0.1	6010	ICP
Cd	Cadmium	ND	100	0.2	6010	ICP
Co	Cobalt	7.5	8,000	0.5	6010	ICP
Cr	Chromium	43	2,500	6	6010	ICP
Cu	Copper	20	2,500	1	6010	ICP
Hg	Mercury	ND	20	0.2	7471	Hg
Mo	Molybdenum	ND	3,500	0.6	6010	ICP
Ni	Nickel	39	2,000	3	6010	ICP
Pb	Lead	31	1,000	2	6010	ICP
Sb	Antimony	ND	500	2	6010	ICP
Se	Selenium	ND	100	2	7740	V22
Tl	Thallium	23	700	3	6010	ICP
V	Vanadium	37	2,400	3	6010	ICP
Zn	Zinc	42	5,000	2	6010	ICP

ND = Not Detected

* INST. = Instrument Number

KALDVEER ASSOCIATES, INC.

CLIENT ID: EB-2,3,4,8-6 (COMP)
 CLIENT JOB NO: KE899-37-281
 DATE RECEIVED: 08/09/90

MED-TOX LAB NO: 9008051-04A
 MED-TOX JOB NO: 9008051
 REPORT DATE: 08/17/90

CAM-17 METALS

CODE	METAL	CONCENTRATION (mg/kg)	TTLIC (mg/kg)	DETECTION LIMIT (mg/kg)	METHOD REFERENCE	INST.*
Ag	Silver	ND	500	0.2	6010	ICP
As	Arsenic	20	500	3	7060	V22
Ba	Barium	52	10,000	5	6010	ICP
Be	Beryllium	0.6	75	0.1	6010	ICP
Cd	Cadmium	ND	100	0.2	6010	ICP
Co	Cobalt	15	8,000	0.5	6010	ICP
Cr	Chromium	54	2,500	6	6010	ICP
Cu	Copper	26	2,500	1	6010	ICP
Hg	Mercury	ND	20	0.2	7471	Hg
Mo	Molybdenum	0.6	3,500	0.6	6010	ICP
Ni	Nickel	74	2,000	3	6010	ICP
Pb	Lead	4	1,000	2	6010	ICP
Sb	Antimony	ND	500	2	6010	ICP
Se	Selenium	ND	100	2	7740	V22
Tl	Thallium	39	700	3	6010	ICP
V	Vanadium	50	2,400	3	6010	ICP
Zn	Zinc	120	5,000	2	6010	ICP

ND - Not Detected

* INST. = Instrument Number