UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

MEMORANDUM:

Date: November 9, 1992

Subject: Laboratory Results for Mobile Waste Controls

From: David C. Stockton, Chief, Inorganic Lab Section, (6E-HI)

To: Diana G. Ayers, Chief, Houston Branch, (6E-H)

Attached are laboratory results for the subject site. Four (4) water samples were received on October 15, 1992 to be analyzed for Metals and Cyanide.

The laboratory numbers assigned were 3TFADW0501 through 3TFADW0504.

This is a final report.

Attachment (4)

964646

BOOKMARK

November 10, 1992

U.S. Environmental Protection Agency

Houston Branch Management System

Report for Sample Number 3TFADW0501

Source: MOBILE WASTE CONTROLS

Site Description: STA#GW1, WELL @ 9416 LAMBRIGHT

Date/Time Received: 10/15/92 16:00

Date/Time Collected: 10/15/92 12:00

Sample Type: DW

Date Completed: 11/10/92

Comments:

Parameter	Description	Section	Status	Report Date
ABN	ACID/BASE NEUTRALS	ORGANIC	COMPLETE	11/10/92
CN	CYANIDE	INORGANIC	COMPLETE	11/10/92
HSL	HAZARDOUS SUBSTANCE LIST	METALS	COMPLETE	11/10/92
PCB	POLYCHLORINATED BIPHENYLS	ORGANIC	COMPLETE	11/10/92
PES	PESTICIDES	ORGANIC	COMPLETE	11/10/92
VOA	VOLATILE ORGANIC ANALYSIS	ORGANIC	COMPLETE	11/10/92

Attachment: 1

ORGANIC ANALYSIS DATA

6E-HL Sample NO: 3TFADW05-01

Date Reported: 04-Nov-92

Analyst: M. HUMPHREY

Sample Type: WATER

SEMI-VOLATILE COMPOUNDS BY METHOD 625

units: ug/L

units: ug/L

Compound Name	Results*	Det Limits	Compound Name	Results*	Det Limits
Acenaphthene	ND	2	2,4-Dinitrophenol	ND	30
Acenaphthylene	ND	2	2,4-Dinitrotoluene	ND	6
Anthracene	ND	2	2,6-Dinitrotoluene	ND	6
Benzidine	ND	20	4,6-Dinitro-2-Methylphenol	ND	20
Benzoic Acid	ND	10	Di-n-Butylphthalate	ND	2
Benzo(a)Anthracene	ND	8	Di-n-Octyl Phthalate	ND	4
Benzo(a)Pyrene	ND	8	Fluoranthene	ND	2
Benzo(b)Fluoranthene	ND	8	Fluorene	ND	2
Benzo(g,h,i)Perylene	ND	8	Hexachlorobenzene	ND	2
Benzo(k)Fluoranthene	ND	8	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	4	Hexachlorocyclopentadiene	ND	10
bis(2-Chloroethoxy)Methane	ND	2	Hexachloroethane	ND	3
bis(2-Chloroethyl) Ether	ND	2	Indeno(1,2,3-cd) Pyrene	ND	8
bis(2-chloroisopropyl)Ether	ND	2	Isophorone	ND	4
bis-(2-Ethylhexyl)Phthalate	ND	4	2-Methylnaphthalene	ND	2
4-Bromophenylphenyl Ether	ND	8	2-Methylphenol	ND	6
Butylbenzylphthalate	ND	4	4-Methylphenol	ND	6
Carbazole	ND	10	Naphthalene	ND	2
4-Chloroaniline	ND	4	2-Nitroaniline	ND	8
2-Chloronaphthalene	ND	2	3-Nitroaniline	ND	8
2-Chlorophenol	ND	4	4-Nitroaniline	ND	8
4-Chlorophenylphenyl Ether	ND	8	Nitrobenzene	ND	2
4-Chloro-3-Methylphenol	ND	8	2-Nitrophenol	ND	10
Chrysene	ND	8	4-Nitrophenol	ND	13
Dibenzofuran	ND	2	N-Nitrosodiphenylamine	ND	4
Dibenzo(a,h)Anthracene	ND	8	N-Nitroso-Di-n-Propylamine	ND	6
1,2-Dichlorobenzene	ND	3	Pentachlorophenol	ND	15
1,3-Dichlorobenzene	ND	3	Phenanthrene	ND	2
1,4-Dichlorobenzene	ND	3	Phenol	ND	4
3,3'-Dichlorobenzidine	ND	10	Pyrene	ND	2
2,4-Dichlorophenol	ND	6	1,2,4-Trichlorobenzene	ND	3
Diethylphthalate	ND	2	2,4,5-Trichlorophenol	ND	6
2,4-Dimethylphenol	ND	6	2,4,6-Trichlorophenol	ND	6
DimethylPhthalate	ND	2			

(*) ND = Not detected above the listed detection limit.

(*) ND = Not detected above the listed detection limit.

Analyst Notes: _____

Attachment: 1

ORGANIC ANALYSIS DATA

6E-HL Sample NO:3TFADW05-01

Date Reported: 04-Nov-92

Analyst: M. HUMPHREY

Matrix: WATER

TENTATIVELY IDENTIFIED SEMI-VOLATILE COMPOUNDS BY METHOD 625

units: ug/L

RT (min)	CAS #	COMPOUND NAME (*)	Estimated Concentration (**)
8.9		UNKNOWN	8

(*) ANALYSTS NOTE: The compounds listed are tentatively identified by the best match with the NIH/EPA/Wiley mass spectral data base or by manual interpretation. Standards were not available for confirmation or quantitation.

(**) Estimated concentration is based on a Response Factor of 1.0 to the nearest internal standard.

 Attachment: 1

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-01 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

VOLATILE COMPOUNDS BY METHOD 624 units: ug/L

CAS#	Compound Name	Results*	Det Limits
67-64-1	acetone	ND	5
107-02-8	acrolein	ND	100
107-13-1	acrylonitrile	ND	100
71-43-2	benzene	ND	2
75-27-4	bromodichloromethane	ND	2
75-25-2	bromoform	ND	2
74-83-9	bromomethane	ND	5
78-93-3	2-butanone	ND	5
75-15-0	carbon disulfide	ND	5
56-23-5	carbon tetrachloride	ND	2
108-90-7	chlorobenzene	ND	2
75-00-3	chloroethane	ND	5
67-66-3	chloroform	ND	2
74-87-3	chloromethane	ND	5
124-48-1	dibromochloromethane	ND	2
75-34-3	1,1-dichloroethane	ND	2
107-06-2	1,2-dichloroethane	ND	2
75-35-4	1,1-dichloroethene	ND	2
156-59-2	cis-1,2-dichloroethene	ND	2
156-60-5	trans-1,2-dichloroethene	ND	2
78-87-5	1,2-dichloropropane	ND	2
10061-01-5	cis-1,3-dichloropropene	ND	2
10061-02-6	trans-1,3-dichloropropene	ND	2
100-41-4	ethylbenzene	ND	5
519-78-6	2-hexanone	ND	5
75-09-2	methylene chloride	ND	5
108-10-1	4-methyl-2-pentanone	ND	5
100-42-5	styrene	ND	5
79-34-5	1,1,2,2-tetrachloroethane	ND	2
127-18-4	tetrachloroethene	ND	2
108-88-3	toluene	ND	5
71-55-6	1,1,1-trichloroethane	ND	2
79-00-5	1,1,2-trichloroethane	ND	2
79-01-6	trichloroethene	ND	2
75-01-4	vinyl chloride	ND	5
108-38-3	m- and/or (CAS# 106-42-3)p-xylene	ND	5
95-47-6	o-xylene	ND	5

(*) ND = Not detected above the listed detection limit.

 Attachment: 1

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-01 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

TENTATIVELY IDENTIFIED VOLATILE COMPOUNDS BY METHOD 624

(min) RT	CAS#	COMPOUND NAME *	(ug/L) ** EST. CONC.
		No VOA TIC's detected in this sample.	

* ANALYSTS NOTE - THE COMPOUNDS LISTED ARE TENTATIVELY IDENTIFIED BY THE BEST MATCH WITH THE NIH/EPA/WILEY MASS SPECTRAL DATA BASE OR BY MANUAL INTERPRETATION. STANDARDS WERE NOT AVAILABLE FOR CONFIRMATION OR QUANTITATION.

**Estimated concentration is based on a RF of 1.0 to internal standard

PESTICIDE/PCB ANALYSIS

6ES-HL SAMPLE NO.: 3TFADW0501 DATE REPORTED: 10/31/1992

SAMPLE TYPE: AQUEOUS

ANALYST: L.C. MINER,JR.

CAS#		UG/L (PPB)
319-84-6	alpha-BHC	ND DL=< 0.05
319-85-7	beta-BHC	ND DL=< 0.05
319-86-8	delta-BHC	ND DL=< 0.05
58-89-9	gamma-BHC (Lindane)	ND DL=< 0.05
76-44-8	Heptachlor	ND DL=< 0.05
309-00-2	Aldrin	ND DL=< 0.05
1024-57-3	Heptachlor epoxide	ND DL=< 0.05
959-98-8	Endosulfan I	ND DL=< 0.05
60-57-1	Dieldrin	ND DL=< 0.05
72-55-9	4,4'-DDE	ND DL=< 0.05
72-20-8	Endrin	ND DL=< 0.05
33213-65-9	Endosulfan II	ND DL=< 0.05
72-54-8	4,4'-DDD	ND DL=< 0.05
7421-93-4	Endrin aldehyde	ND DL=< 0.10
53494-70-5	Endrin ketone	ND DL=< 0.10
1031-07-8	Endosulfan sulfate	ND DL=< 0.10
50-29-3	4,4'-DDT	ND DL=< 0.10
72-43-5	Methoxychlor	ND DL=< 0.20
5103-71-9	alpha-Chlordane	ND DL=< 0.05
5103-74-2	gamma-Chlordane	ND DL=< 0.05
8001-35-2	Toxaphene	ND DL=< 2.00
12674-11-2	Aroclor-1016	ND DL=< 1.00
11104-28-2	Aroclor-1221	ND DL=< 2.00
11141-16-5	Aroclor-1232	ND DL=< 1.00
53469-21-9	Aroclor-1242	ND DL=< 1.00
12672-29-6	Aroclor-1248	ND DL=< 1.00
11097-69-1	Aroclor-1254	ND DL=< 1.00
11096-82-5	Aroclor-1260	ND DL=< 1.00

ND DL = NOT DETECTED, DETECTION LIMIT

US EPA HOUSTON BRANCH

SAMPLE #:	3TFADW05-01	DATE	
SOURCE:	MOBILE WASTE CONTROLS	RECEIVED:	15-Oct-92
TYPE:	AQUEOUS	DATE	
ANALYSTS:	RC, LC, JL	REPORTED:	09-Nov-92

PARAMETER	CONCENTRATION	DETECTION LIMIT <=	UNITS
ALUMINUM	ND	100	UG/L
ANTIMONY	ND	60	UG/L
ARSENIC	ND	5.8	UG/L
BARIUM	473	10	UG/L
BERYLLIUM	ND	5	UG/L
CADMIUM	ND	5	UG/L
CALCIUM	60700	150	UG/L
CHROMIUM	ND	10	UG/L
COBALT	ND	20	UG/L
COPPER	78	20	UG/L
IRON	1540	25	UG/L
LEAD	ND	3.3	UG/L
MAGNESIUM	24500	150	UG/L
MANGANESE	138	5	UG/L
MERCURY	ND	0.2	UG/L
NICKEL	ND	20	UG/L
POTASSIUM	ND	1000	UG/L
SELENIUM	ND	2.9	UG/L
SILVER	ND	10	UG/L
SODIUM	84100	500	UG/L
THALLIUM	ND	10	UG/L
VANADIUM	ND	30	UG/L
ZINC	426	20	UG/L
CYANIDE	ND	0.02	MG/L

ND: LESS THAN DETECTION LIMIT

November 10, 1992

U.S. Environmental Protection Agency

Houston Branch Management System

Report for Sample Number 3TFADW0502

Source: MOBILE WASTE CONTROLS

Site Description: STA#GW2, WELL @ 9905 RADIO RD.

Date/Time Received: 10/15/92 16:00

Date/Time Collected: 10/15/92 14:25

Sample Type: DW

Date Completed: 11/10/92

Comments:

Parameter	Description	Section	Status	Report Date
ABN	ACID/BASE NEUTRALS	ORGANIC	COMPLETE	11/10/92
CN	CYANIDE	INORGANIC	COMPLETE	11/10/92
HSL	HAZARDOUS SUBSTANCE LIST	METALS	COMPLETE	11/10/92
PCB	POLYCHLORINATED BIPHENYLS	ORGANIC	COMPLETE	11/10/92
PES	PESTICIDES	ORGANIC	COMPLETE	11/10/92
VOA	VOLATILE ORGANIC ANALYSIS	ORGANIC	COMPLETE	11/10/92

Attachment: 2

ORGANIC ANALYSIS DATA

6E-HL Sample NO: 3TFADW05-02

Date Reported: 04-Nov-92

Analyst: M. HUMPHREY

Sample Type: WATER

SEMI-VOLATILE COMPOUNDS BY METHOD 625

units: ug/L

units: ug/L

Compound Name	Results*	Det Limits	Compound Name	Results*	Det Limits
Acenaphthene	ND	2	2,4-Dinitrophenol	ND	30
Acenaphthylene	ND	2	2,4-Dinitrotoluene	ND	6
Anthracene	ND	2	2,6-Dinitrotoluene	ND	6
Benzidine	ND	20	4,6-Dinitro-2-Methylphenol	ND	20
Benzoic Acid	ND	10	Di-n-Butylphthalate	ND	2
Benzo(a)Anthracene	ND	8	Di-n-Octyl Phthalate	ND	4
Benzo(a)Pyrene	ND	8	Fluoranthene	ND	2
Benzo(b)Fluoranthene	ND	8	Fluorene	ND	2
Benzo(g,h,i)Perylene	ND	8	Hexachlorobenzene	ND	2
Benzo(k)Fluoranthene	ND	8	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	4	Hexachlorocyclopentadiene	ND	10
bis(2-Chloroethoxy)Methane	ND	2	Hexachloroethane	ND	3
bis(2-Chloroethyl) Ether	ND	2	Indeno(1,2,3-cd) Pyrene	ND	8
bis(2-chloroisopropyl)Ether	ND	2	Isophorone	ND	4
bis-(2-Ethylhexyl)Phthalate	ND	4	2-Methylnaphthalene	ND	2
4-Bromophenylphenyl Ether	ND	8	2-Methylphenol	ND	6
Butylbenzylphthalate	ND	4	4-Methylphenol	ND	6
Carbazole	ND	10	Naphthalene	ND	2
4-Chloroaniline	ND	4	2-Nitroaniline	ND	8
2-Chloronaphthalene	ND	2	3-Nitroaniline	ND	8
2-Chlorophenol	ND	4	4-Nitroaniline	ND	8
4-Chlorophenylphenyl Ether	ND	8	Nitrobenzene	ND	2
4-Chloro-3-Methylphenol	ND	8	2-Nitrophenol	ND	10
Chrysene	ND	8	4-Nitrophenol	ND	13
Dibenzofuran	ND	2	N-Nitrosodiphenylamine	ND	4
Dibenzo(a,h)Anthracene	ND	8	N-Nitroso-Di-n-Propylamine	ND	6
1,2-Dichlorobenzene	ND	3	Pentachlorophenol	ND	15
1,3-Dichlorobenzene	ND	3	Phenanthrene	ND	2
1,4-Dichlorobenzene	ND	3	Phenol	ND	4
3,3'-Dichlorobenzidine	ND	10	Pyrene	ND	2
2,4-Dichlorophenol	ND	6	1,2,4-Trichlorobenzene	ND	3
Diethylphthalate	ND	2	2,4,5-Trichlorophenol	ND	6
2,4-Dimethylphenol	ND	6	2,4,6-Trichlorophenol	ND	6
DimethylPhthalate	ND	2			

(*) ND = Not detected above the listed detection limit.

(*) ND = Not detected above the listed detection limit.

Analyst Notes: _____

Attachment: 2

ORGANIC ANALYSIS DATA

6E-HL Sample NO:3TFADW05-02

Date Reported: 04-Nov-92

Analyst: M. HUMPHREY

Matrix: WATER

TENTATIVELY IDENTIFIED SEMI-VOLATILE COMPOUNDS BY METHOD 625

units: ug/L

RT (min)	CAS #	COMPOUND NAME (*)	Estimated Concentration (**)
		No ABN TIC's detected in this sample.	

(*) ANALYSTS NOTE: The compounds listed are tentatively identified by the best match with the NIH/EPA/Wiley mass spectral data base or by manual interpretation. Standards were not available for confirmation or quantitation.

(**) Estimated concentration is based on a Response Factor of 1.0 to the nearest internal standard.

 Attachment: 2

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-02 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

VOLATILE COMPOUNDS BY METHOD 624 units: ug/L

CAS#	Compound Name	Results*	Det Limits
67-64-1	acetone	ND	5
107-02-8	acrolein	ND	100
107-13-1	acrylonitrile	ND	100
71-43-2	benzene	ND	2
75-27-4	bromodichloromethane	ND	2
75-25-2	bromoform	ND	2
74-83-9	bromomethane	ND	5
78-93-3	2-butanone	ND	5
75-15-0	carbon disulfide	ND	5
56-23-5	carbon tetrachloride	ND	2
108-90-7	chlorobenzene	ND	2
75-00-3	chloroethane	ND	5
67-66-3	chloroform	ND	2
74-87-3	chloromethane	ND	5
124-48-1	dibromochloromethane	ND	2
75-34-3	1,1-dichloroethane	ND	2
107-06-2	1,2-dichloroethane	ND	2
75-35-4	1,1-dichloroethene	ND	2
156-59-2	cis-1,2-dichloroethene	ND	2
156-60-5	trans-1,2-dichloroethene	ND	2
78-87-5	1,2-dichloropropane	ND	2
10061-01-5	cis-1,3-dichloropropene	ND	2
10061-02-6	trans-1,3-dichloropropene	ND	2
100-41-4	ethylbenzene	ND	5
519-78-6	2-hexanone	ND	5
75-09-2	methylene chloride	ND	5
108-10-1	4-methyl-2-pentanone	ND	5
100-42-5	styrene	ND	5
79-34-5	1,1,2,2-tetrachloroethane	ND	2
127-18-4	tetrachloroethene	ND	2
108-88-3	toluene	ND	5
71-55-6	1,1,1-trichloroethane	ND	2
79-00-5	1,1,2-trichloroethane	ND	2
79-01-6	trichloroethene	ND	2
75-01-4	vinyl chloride	ND	5
108-38-3	m- and/or (CAS# 106-42-3)p-xylene	ND	5
95-47-6	o-xylene	ND	5

(*) ND = Not detected above the listed detection limit.

 Attachment: 2

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-02 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

TENTATIVELY IDENTIFIED VOLATILE COMPOUNDS BY METHOD 624

(min) RT	CAS#	COMPOUND NAME *	(ug/L) ** EST. CONC.
		No VOA TIC's detected in this sample.	

* ANALYSTS NOTE - THE COMPOUNDS LISTED ARE TENTATIVELY IDENTIFIED BY THE BEST MATCH WITH THE NIH/EPA/WILEY MASS SPECTRAL DATA BASE OR BY MANUAL INTERPRETATION. STANDARDS WERE NOT AVAILABLE FOR CONFIRMATION OR QUANTITATION.

**Estimated concentration is based on a RF of 1.0 to internal standard

PESTICIDE/PCB ANALYSIS

6ES-HL SAMPLE NO.: 3TFADW0502 DATE REPORTED: 10/31/1992

SAMPLE TYPE: AQUEOUS

ANALYST: L.C. MINER,JR.

CAS#		UG/L (PPB)
319-84-6	alpha-BHC	ND DL=< 0.05
319-85-7	beta-BHC	ND DL=< 0.05
319-86-8	delta-BHC	ND DL=< 0.05
58-89-9	gamma-BHC (Lindane)	ND DL=< 0.05
76-44-8	Heptachlor	ND DL=< 0.05
309-00-2	Aldrin	ND DL=< 0.05
1024-57-3	Heptachlor epoxide	ND DL=< 0.05
959-98-8	Endosulfan I	ND DL=< 0.05
60-57-1	Dieldrin	ND DL=< 0.05
72-55-9	4,4'-DDE	ND DL=< 0.05
72-20-8	Endrin	ND DL=< 0.05
33213-65-9	Endosulfan II	ND DL=< 0.05
72-54-8	4,4'-DDD	ND DL=< 0.05
7421-93-4	Endrin aldehyde	ND DL=< 0.10
53494-70-5	Endrin ketone	ND DL=< 0.10
1031-07-8	Endosulfan sulfate	ND DL=< 0.10
50-29-3	4,4'-DDT	ND DL=< 0.10
72-43-5	Methoxychlor	ND DL=< 0.20
5103-71-9	alpha-Chlordane	ND DL=< 0.05
5103-74-2	gamma-Chlordane	ND DL=< 0.05
8001-35-2	Toxaphene	ND DL=< 2.00
12674-11-2	Aroclor-1016	ND DL=< 1.00
11104-28-2	Aroclor-1221	ND DL=< 2.00
11141-16-5	Aroclor-1232	ND DL=< 1.00
53469-21-9	Aroclor-1242	ND DL=< 1.00
12672-29-6	Aroclor-1248	ND DL=< 1.00
11097-69-1	Aroclor-1254	ND DL=< 1.00
11096-82-5	Aroclor-1260	ND DL=< 1.00

ND DL = NOT DETECTED, DETECTION LIMIT

US EPA HOUSTON BRANCH

SAMPLE #:	3TFADW05-02	DATE RECEIVED:	15-Oct-92
SOURCE:	MOBILE WASTE CONTROLS		
TYPE:	AQUEOUS	DATE REPORTED:	09-Nov-92
ANALYSTS:	RC, LC, JL		

PARAMETER	CONCENTRATION	DETECTION LIMIT <=	UNITS
ALUMINUM	ND	100	UG/L
ANTIMONY	ND	60	UG/L
ARSENIC	ND	5.8	UG/L
BARIUM	110	10	UG/L
BERYLLIUM	ND	5	UG/L
CADMIUM	ND	5	UG/L
CALCIUM	18600	150	UG/L
CHROMIUM	ND	10	UG/L
COBALT	ND	20	UG/L
COPPER	ND	20	UG/L
IRON	60	25	UG/L
LEAD	ND	3.3	UG/L
MAGNESIUM	6780	150	UG/L
MANGANESE	110	5	UG/L
MERCURY	ND	0.2	UG/L
NICKEL	ND	20	UG/L
POTASSIUM	ND	1000	UG/L
SELENIUM	ND	2.9	UG/L
SILVER	ND	10	UG/L
SODIUM	97900	500	UG/L
THALLIUM	ND	10	UG/L
VANADIUM	ND	30	UG/L
ZINC	271	20	UG/L
CYANIDE	ND	0.02	MG/L

ND: LESS THAN DETECTION LIMIT

November 10, 1992

U.S. Environmental Protection Agency

Houston Branch Management System

Report for Sample Number 3TFADW0503

Source: MOBILE WASTE CONTROLS

Site Description: STA#GW3, WELL @ 9916 RADIO RD

Date/Time Received: 10/15/92 16:00

Date/Time Collected: 10/15/92 14:45

Sample Type: DW

Date Completed: 11/10/92

Comments:

Parameter	Description	Section	Status	Report Date
ABN	ACID/BASE NEUTRALS	ORGANIC	COMPLETE	11/10/92
CN	CYANIDE	INORGANIC	COMPLETE	11/10/92
HSL	HAZARDOUS SUBSTANCE LIST	METALS	COMPLETE	11/10/92
PCB	POLYCHLORINATED BIPHENYLS	ORGANIC	COMPLETE	11/10/92
PES	PESTICIDES	ORGANIC	COMPLETE	11/10/92
VOA	VOLATILE ORGANIC ANALYSIS	ORGANIC	COMPLETE	11/10/92

Attachment: 3

ORGANIC ANALYSIS DATA

6E-HL Sample NO: 3TFADW05-03

Date Reported: 04-Nov-92

Analyst: M. HUMPHREY

Sample Type: WATER

SEMI-VOLATILE COMPOUNDS BY METHOD 625

units: ug/L

units: ug/L

Compound Name	Results*	Det Limits	Compound Name	Results*	Det Limits
Acenaphthene	ND	2	2,4-Dinitrophenol	ND	30
Acenaphthylene	ND	2	2,4-Dinitrotoluene	ND	6
Anthracene	ND	2	2,6-Dinitrotoluene	ND	6
Benzidine	ND	20	4,6-Dinitro-2-Methylphenol	ND	20
Benzoic Acid	ND	10	Di-n-Butylphthalate	ND	2
Benzo(a)Anthracene	ND	8	Di-n-Octyl Phthalate	ND	4
Benzo(a)Pyrene	ND	8	Fluoranthene	ND	2
Benzo(b)Fluoranthene	ND	8	Fluorene	ND	2
Benzo(g,h,i)Perylene	ND	8	Hexachlorobenzene	ND	2
Benzo(k)Fluoranthene	ND	8	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	4	Hexachlorocyclopentadiene	ND	10
bis(2-Chloroethoxy)Methane	ND	2	Hexachloroethane	ND	3
bis(2-Chloroethyl) Ether	ND	2	Indeno(1,2,3-cd) Pyrene	ND	8
bis(2-chloroisopropyl)Ether	ND	2	Isophorone	ND	4
bis-(2-Ethylhexyl)Phthalate	ND	4	2-Methylnaphthalene	ND	2
4-Bromophenylphenyl Ether	ND	8	2-Methylphenol	ND	6
Butylbenzylphthalate	ND	4	4-Methylphenol	ND	6
Carbazole	ND	10	Naphthalene	ND	2
4-Chloroaniline	ND	4	2-Nitroaniline	ND	8
2-Chloronaphthalene	ND	2	3-Nitroaniline	ND	8
2-Chlorophenol	ND	4	4-Nitroaniline	ND	8
4-Chlorophenylphenyl Ether	ND	8	Nitrobenzene	ND	2
4-Chloro-3-Methylphenol	ND	8	2-Nitrophenol	ND	10
Chrysene	ND	8	4-Nitrophenol	ND	13
Dibenzofuran	ND	2	N-Nitrosodiphenylamine	ND	4
Dibenzo(a,h)Anthracene	ND	8	N-Nitroso-Di-n-Propylamine	ND	6
1,2-Dichlorobenzene	ND	3	Pentachlorophenol	ND	15
1,3-Dichlorobenzene	ND	3	Phenanthrene	ND	2
1,4-Dichlorobenzene	ND	3	Phenol	ND	4
3,3'-Dichlorobenzidine	ND	10	Pyrene	ND	2
2,4-Dichlorophenol	ND	6	1,2,4-Trichlorobenzene	ND	3
Diethylphthalate	ND	2	2,4,5-Trichlorophenol	ND	6
2,4-Dimethylphenol	ND	6	2,4,6-Trichlorophenol	ND	6
DimethylPhthalate	ND	2			

(*) ND = Not detected above the listed detection limit.

(*) ND = Not detected above the listed detection limit.

Analyst Notes: _____

Attachment: 3

ORGANIC ANALYSIS DATA

6E-HL Sample NO:3TFADW05-03

Date Reported: 04-Nov-92

Analyst: M. HUMPHREY

Matrix: WATER

TENTATIVELY IDENTIFIED SEMI-VOLATILE COMPOUNDS BY METHOD 625

units: ug/L

RT (min)	CAS #	COMPOUND NAME (*)	Estimated Concentration (**)
24.8	10544500	SULFUR, MOL. (S8)	6

(*) ANALYSTS NOTE: The compounds listed are tentatively identified by the best match with the NIH/EPA/Wiley mass spectral data base or by manual interpretation. Standards were not available for confirmation or quantitation.

(**) Estimated concentration is based on a Response Factor of 1.0 to the nearest internal standard.

 Attachment: 3

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-03 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

VOLATILE COMPOUNDS BY METHOD 624 units: ug/L

CAS#	Compound Name	Results*	Det Limits
67-64-1	acetone	ND	5
107-02-8	acrolein	ND	100
107-13-1	acrylonitrile	ND	100
71-43-2	benzene	ND	2
75-27-4	bromodichloromethane	ND	2
75-25-2	bromoform	ND	2
74-83-9	bromomethane	ND	5
78-93-3	2-butanone	ND	5
75-15-0	carbon disulfide	ND	5
56-23-5	carbon tetrachloride	ND	2
108-90-7	chlorobenzene	ND	2
75-00-3	chloroethane	ND	5
67-66-3	chloroform	ND	2
74-87-3	chloromethane	ND	5
124-48-1	dibromochloromethane	ND	2
75-34-3	1,1-dichloroethane	ND	2
107-06-2	1,2-dichloroethane	ND	2
75-35-4	1,1-dichloroethene	ND	2
156-59-2	cis-1,2-dichloroethene	ND	2
156-60-5	trans-1,2-dichloroethene	ND	2
78-87-5	1,2-dichloropropane	ND	2
10061-01-5	cis-1,3-dichloropropene	ND	2
10061-02-6	trans-1,3-dichloropropene	ND	2
100-41-4	ethylbenzene	ND	5
519-78-6	2-hexanone	ND	5
75-09-2	methylene chloride	ND	5
108-10-1	4-methyl-2-pentanone	ND	5
100-42-5	styrene	ND	5
79-34-5	1,1,2,2-tetrachloroethane	ND	2
127-18-4	tetrachloroethene	ND	2
108-88-3	toluene	ND	5
71-55-6	1,1,1-trichloroethane	ND	2
79-00-5	1,1,2-trichloroethane	ND	2
79-01-6	trichloroethene	ND	2
75-01-4	vinyl chloride	ND	5
108-38-3	m- and/or (CAS# 106-42-3)p-xylene	ND	5
95-47-6	o-xylene	ND	5

(*) ND = Not detected above the listed detection limit.

 Attachment: 3

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-03 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

TENTATIVELY IDENTIFIED VOLATILE COMPOUNDS BY METHOD 624

(min) RT	CAS#	COMPOUND NAME *	(ug/L) ** EST. CONC.
		No VOA TIC's detected in this sample.	

* ANALYSTS NOTE - THE COMPOUNDS LISTED ARE TENTATIVELY IDENTIFIED BY THE BEST MATCH WITH THE NIH/EPA/WILEY MASS SPECTRAL DATA BASE OR BY MANUAL INTERPRETATION. STANDARDS WERE NOT AVAILABLE FOR CONFIRMATION OR QUANTITATION.

**Estimated concentration is based on a RF of 1.0 to internal standard

PESTICIDE/PCB ANALYSIS

6ES-HL SAMPLE NO.: 3TFADW0503 DATE REPORTED: 10/31/1992

SAMPLE TYPE: AQUEOUS

ANALYST: L.C. MINER,JR.

CAS#		UG/L (PPB)
319-84-6	alpha-BHC	ND DL=< 0.05
319-85-7	beta-BHC	ND DL=< 0.05
319-86-8	delta-BHC	ND DL=< 0.05
58-89-9	gamma-BHC (Lindane)	ND DL=< 0.05
76-44-8	Heptachlor	ND DL=< 0.05
309-00-2	Aldrin	ND DL=< 0.05
1024-57-3	Heptachlor epoxide	ND DL=< 0.05
959-98-8	Endosulfan I	ND DL=< 0.05
60-57-1	Dieldrin	ND DL=< 0.05
72-55-9	4,4'-DDE	ND DL=< 0.05
72-20-8	Endrin	ND DL=< 0.05
33213-65-9	Endosulfan II	ND DL=< 0.05
72-54-8	4,4'-DDD	ND DL=< 0.05
7421-93-4	Endrin aldehyde	ND DL=< 0.10
53494-70-5	Endrin ketone	ND DL=< 0.10
1031-07-8	Endosulfan sulfate	ND DL=< 0.10
50-29-3	4,4'-DDT	ND DL=< 0.10
72-43-5	Methoxychlor	ND DL=< 0.20
5103-71-9	alpha-Chlordane	ND DL=< 0.05
5103-74-2	gamma-Chlordane	ND DL=< 0.05
8001-35-2	Toxaphene	ND DL=< 2.00
12674-11-2	Aroclor-1016	ND DL=< 1.00
11104-28-2	Aroclor-1221	ND DL=< 2.00
11141-16-5	Aroclor-1232	ND DL=< 1.00
53469-21-9	Aroclor-1242	ND DL=< 1.00
12672-29-6	Aroclor-1248	ND DL=< 1.00
11097-69-1	Aroclor-1254	ND DL=< 1.00
11096-82-5	Aroclor-1260	ND DL=< 1.00

ND DL = NOT DETECTED, DETECTION LIMIT

US EPA HOUSTON BRANCH

SAMPLE #:	3TFADW05-03	DATE	
SOURCE:	MOBILE WASTE CONTROLS	RECEIVED:	15-Oct-92
TYPE:	AQUEOUS	DATE	
ANALYSTS:	RC, LC, JL	REPORTED:	09-Nov-92

PARAMETER	CONCENTRATION	DETECTION LIMIT <=	UNITS
ALUMINUM	ND	100	UG/L
ANTIMONY	ND	60	UG/L
ARSENIC	ND	5.8	UG/L
BARIUM	482	10	UG/L
BERYLLIUM	ND	5	UG/L
CADMIUM	ND	5	UG/L
CALCIUM	71000	150	UG/L
CHROMIUM	ND	10	UG/L
COBALT	ND	20	UG/L
COPPER	ND	20	UG/L
IRON	1180	25	UG/L
LEAD	7.7	3.3	UG/L
MAGNESIUM	17200	150	UG/L
MANGANESE	96	5	UG/L
MERCURY	ND	0.2	UG/L
NICKEL	ND	20	UG/L
POTASSIUM	ND	1000	UG/L
SELENIUM	ND	2.9	UG/L
SILVER	ND	10	UG/L
SODIUM	40000	500	UG/L
THALLIUM	ND	10	UG/L
VANADIUM	ND	30	UG/L
ZINC	271	20	UG/L
CYANIDE	ND	0.02	MG/L

ND: LESS THAN DETECTION LIMIT

November 10, 1992

U.S. Environmental Protection Agency

Houston Branch Management System

Report for Sample Number 3TFADW0504

Source: MOBILE WASTE CONTROLS

Site Description: STA#GW9, CORNER OF LAMBRIGHT

Date/Time Received: 10/15/92 16:00

Date/Time Collected: 10/15/92 12:15

Sample Type: DW

Date Completed: 11/10/92

Comments:

Parameter	Description	Section	Status	Report Date
ABN	ACID/BASE NEUTRALS	ORGANIC	COMPLETE	11/10/92
CN	CYANIDE	INORGANIC	COMPLETE	11/10/92
HSL	HAZARDOUS SUBSTANCE LIST	METALS	COMPLETE	11/10/92
PCB	POLYCHLORINATED BIPHENYLS	ORGANIC	COMPLETE	11/10/92
PES	PESTICIDES	ORGANIC	COMPLETE	11/10/92
VOA	VOLATILE ORGANIC ANALYSIS	ORGANIC	COMPLETE	11/10/92

Attachment: 4

ORGANIC ANALYSIS DATA

6E-HL Sample NO: 3TFADW05-04

Date Reported: 04-Nov-92

Analyst: M. HUMPHREY

Sample Type: WATER

SEMI-VOLATILE COMPOUNDS BY METHOD 625

units: ug/L

units: ug/L

Compound Name	Results*	Det Limits	Compound Name	Results*	Det Limits
Acenaphthene	ND	2	2,4-Dinitrophenol	ND	30
Acenaphthylene	ND	2	2,4-Dinitrotoluene	ND	6
Anthracene	ND	2	2,6-Dinitrotoluene	ND	6
Benzidine	ND	20	4,6-Dinitro-2-Methylphenol	ND	20
Benzoic Acid	ND	10	Di-n-Butylphthalate	ND	2
Benzo(a)Anthracene	ND	8	Di-n-Octyl Phthalate	ND	4
Benzo(a)Pyrene	ND	8	Fluoranthene	ND	2
Benzo(b)Fluoranthene	ND	8	Fluorene	ND	2
Benzo(g,h,i)Perylene	ND	8	Hexachlorobenzene	ND	2
Benzo(k)Fluoranthene	ND	8	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	4	Hexachlorocyclopentadiene	ND	10
bis(2-Chloroethoxy)Methane	ND	2	Hexachloroethane	ND	3
bis(2-Chloroethyl) Ether	ND	2	Indeno(1,2,3-cd) Pyrene	ND	8
bis(2-chloroisopropyl)Ether	ND	2	Isophorone	ND	4
bis-(2-Ethylhexyl)Phthalate	ND	4	2-Methylnaphthalene	ND	2
4-Bromophenylphenyl Ether	ND	8	2-Methylphenol	ND	6
Butylbenzylphthalate	ND	4	4-Methylphenol	ND	6
Carbazole	ND	10	Naphthalene	ND	2
4-Chloroaniline	ND	4	2-Nitroaniline	ND	8
2-Chloronaphthalene	ND	2	3-Nitroaniline	ND	8
2-Chlorophenol	ND	4	4-Nitroaniline	ND	8
4-Chlorophenylphenyl Ether	ND	8	Nitrobenzene	ND	2
4-Chloro-3-Methylphenol	ND	8	2-Nitrophenol	ND	10
Chrysene	ND	8	4-Nitrophenol	ND	13
Dibenzofuran	ND	2	N-Nitrosodiphenylamine	ND	4
Dibenzo(a,h)Anthracene	ND	8	N-Nitroso-Di-n-Propylamine	ND	6
1,2-Dichlorobenzene	ND	3	Pentachlorophenol	ND	15
1,3-Dichlorobenzene	ND	3	Phenanthrene	ND	2
1,4-Dichlorobenzene	ND	3	Phenol	ND	4
3,3'-Dichlorobenzidine	ND	10	Pyrene	ND	2
2,4-Dichlorophenol	ND	6	1,2,4-Trichlorobenzene	ND	3
Diethylphthalate	ND	2	2,4,5-Trichlorophenol	ND	6
2,4-Dimethylphenol	ND	6	2,4,6-Trichlorophenol	ND	6
DimethylPhthalate	ND	2			

(*) ND = Not detected above the listed detection limit.

(*) ND = Not detected above the listed detection limit.

Analyst Notes: _____

Attachment: 4

ORGANIC ANALYSIS DATA

6E-HL Sample NO:3TFADW05-04

Date Reported: 04-Nov-92

Analyst: M. HUMPHREY

Matrix: WATER

TENTATIVELY IDENTIFIED SEMI-VOLATILE COMPOUNDS BY METHOD 625

units: ug/L

RT (min)	CAS #	COMPOUND NAME (*)	Estimated Concentration (**)
8.9		UNKNOWN	9

(*) ANALYSTS NOTE: The compounds listed are tentatively identified by the best match with the NIH/EPA/Wiley mass spectral data base or by manual interpretation. Standards were not available for confirmation or quantitation.

(**) Estimated concentration is based on a Response Factor of 1.0 to the nearest internal standard.

 Attachment: 4

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-04 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

VOLATILE COMPOUNDS BY METHOD 624 units: ug/L

CAS#	Compound Name	Results*	Det Limits
67-64-1	acetone	ND	5
107-02-8	acrolein	ND	100
107-13-1	acrylonitrile	ND	100
71-43-2	benzene	ND	2
75-27-4	bromodichloromethane	ND	2
75-25-2	bromoform	ND	2
74-83-9	bromomethane	ND	5
78-93-3	2-butanone	ND	5
75-15-0	carbon disulfide	ND	5
56-23-5	carbon tetrachloride	ND	2
108-90-7	chlorobenzene	ND	2
75-00-3	chloroethane	ND	5
67-66-3	chloroform	ND	2
74-87-3	chloromethane	ND	5
124-48-1	dibromochloromethane	ND	2
75-34-3	1,1-dichloroethane	ND	2
107-06-2	1,2-dichloroethane	ND	2
75-35-4	1,1-dichloroethene	ND	2
156-59-2	cis-1,2-dichloroethene	ND	2
156-60-5	trans-1,2-dichloroethene	ND	2
78-87-5	1,2-dichloropropane	ND	2
10061-01-5	cis-1,3-dichloropropene	ND	2
10061-02-6	trans-1,3-dichloropropene	ND	2
100-41-4	ethylbenzene	ND	5
519-78-6	2-hexanone	ND	5
75-09-2	methylene chloride	ND	5
108-10-1	4-methyl-2-pentanone	ND	5
100-42-5	styrene	ND	5
79-34-5	1,1,2,2-tetrachloroethane	ND	2
127-18-4	tetrachloroethene	ND	2
108-88-3	toluene	ND	5
71-55-6	1,1,1-trichloroethane	ND	2
79-00-5	1,1,2-trichloroethane	ND	2
79-01-6	trichloroethene	ND	2
75-01-4	vinyl chloride	ND	5
108-38-3	m- and/or (CAS# 106-42-3)p-xylene	ND	5
95-47-6	o-xylene	ND	5

(*) ND = Not detected above the listed detection limit.

 Attachment: 4

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-04 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

TENTATIVELY IDENTIFIED VOLATILE COMPOUNDS BY METHOD 624

(min) RT	CAS#	COMPOUND NAME *	(ug/L) ** EST. CONC.
		No VOA TIC's detected in this sample.	

* ANALYSTS NOTE - THE COMPOUNDS LISTED ARE TENTATIVELY IDENTIFIED BY THE BEST MATCH WITH THE NIH/EPA/WILEY MASS SPECTRAL DATA BASE OR BY MANUAL INTERPRETATION. STANDARDS WERE NOT AVAILABLE FOR CONFIRMATION OR QUANTITATION.

**Estimated concentration is based on a RF of 1.0 to internal standard

PESTICIDE/PCB ANALYSIS

6ES-HL SAMPLE NO.: 3TFADW0504 DATE REPORTED: 10/31/1992

SAMPLE TYPE: AQUEOUS

ANALYST: L.C. MINER,JR.

CAS#		UG/L (PPB)
319-84-6	alpha-BHC	ND DL=< 0.05
319-85-7	beta-BHC	ND DL=< 0.05
319-86-8	delta-BHC	ND DL=< 0.05
58-89-9	gamma-BHC (Lindane)	ND DL=< 0.05
76-44-8	Heptachlor	ND DL=< 0.05
309-00-2	Aldrin	ND DL=< 0.05
1024-57-3	Heptachlor epoxide	ND DL=< 0.05
959-98-8	Endosulfan I	ND DL=< 0.05
60-57-1	Dieldrin	ND DL=< 0.05
72-55-9	4,4'-DDE	ND DL=< 0.05
72-20-8	Endrin	ND DL=< 0.05
33213-65-9	Endosulfan II	ND DL=< 0.05
72-54-8	4,4'-DDD	ND DL=< 0.05
7421-93-4	Endrin aldehyde	ND DL=< 0.10
53494-70-5	Endrin ketone	ND DL=< 0.10
1031-07-8	Endosulfan sulfate	ND DL=< 0.10
50-29-3	4,4'-DDT	ND DL=< 0.10
72-43-5	Methoxychlor	ND DL=< 0.20
5103-71-9	alpha-Chlordane	ND DL=< 0.05
5103-74-2	gamma-Chlordane	ND DL=< 0.05
8001-35-2	Toxaphene	ND DL=< 2.00
12674-11-2	Aroclor-1016	ND DL=< 1.00
11104-28-2	Aroclor-1221	ND DL=< 2.00
11141-16-5	Aroclor-1232	ND DL=< 1.00
53469-21-9	Aroclor-1242	ND DL=< 1.00
12672-29-6	Aroclor-1248	ND DL=< 1.00
11097-69-1	Aroclor-1254	ND DL=< 1.00
11096-82-5	Aroclor-1260	ND DL=< 1.00

ND DL = NOT DETECTED, DETECTION LIMIT

US EPA HOUSTON BRANCH

SAMPLE #:	3TFADW05-04	DATE RECEIVED:	15-Oct-92
SOURCE:	MOBILE WASTE CONTROLS		
TYPE:	AQUEOUS	DATE REPORTED:	09-Nov-92
ANALYSTS:	RC, LC, JL		

PARAMETER	CONCENTRATION	DETECTION LIMIT <=	UNITS
ALUMINUM	ND	100	UG/L
ANTIMONY	ND	60	UG/L
ARSENIC	ND	5.8	UG/L
BARIUM	462	10	UG/L
BERYLLIUM	ND	5	UG/L
CADMIUM	ND	5	UG/L
CALCIUM	59200	150	UG/L
CHROMIUM	ND	10	UG/L
COBALT	ND	20	UG/L
COPPER	125	20	UG/L
IRON	1410	25	UG/L
LEAD	ND	3.3	UG/L
MAGNESIUM	23900	150	UG/L
MANGANESE	131	5	UG/L
MERCURY	ND	0.2	UG/L
NICKEL	ND	20	UG/L
POTASSIUM	ND	1000	UG/L
SELENIUM	ND	2.9	UG/L
SILVER	ND	10	UG/L
SODIUM	82000	500	UG/L
THALLIUM	ND	10	UG/L
VANADIUM	ND	30	UG/L
ZINC	455	20	UG/L
CYANIDE	ND	0.02	MG/L

ND: LESS THAN DETECTION LIMIT

November 10, 1992

U.S. Environmental Protection Agency

Houston Branch Management System

Report for Sample Number 3TFADW0505

Source: MOBILE WASTE CONTROLS

Site Description: STA#TB4, TRIP BLANK 4

Date/Time Received: 10/15/92 16:00

Date/Time Collected: 10/15/92 0:00

Sample Type: DW

Date Completed: 11/10/92

Comments:

Parameter	Description	Section	Status	Report Date
VOA	VOLATILE ORGANIC ANALYSIS	ORGANIC	COMPLETE	11/10/92

 Attachment: 5

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-05 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

VOLATILE COMPOUNDS BY METHOD 624 units: ug/L

CAS#	Compound Name	Results*	Det Limits
67-64-1	acetone	ND	5
107-02-8	acrolein	ND	100
107-13-1	acrylonitrile	ND	100
71-43-2	benzene	ND	2
75-27-4	bromodichloromethane	ND	2
75-25-2	bromoform	ND	2
74-83-9	bromomethane	ND	5
78-93-3	2-butanone	ND	5
75-15-0	carbon disulfide	ND	5
56-23-5	carbon tetrachloride	ND	2
108-90-7	chlorobenzene	ND	2
75-00-3	chloroethane	ND	5
67-66-3	chloroform	18.3	2
74-87-3	chloromethane	ND	5
124-48-1	dibromochloromethane	ND	2
75-34-3	1,1-dichloroethane	ND	2
107-06-2	1,2-dichloroethane	ND	2
75-35-4	1,1-dichloroethene	ND	2
156-59-2	cis-1,2-dichloroethene	ND	2
156-60-5	trans-1,2-dichloroethene	ND	2
78-87-5	1,2-dichloropropane	ND	2
10061-01-5	cis-1,3-dichloropropene	ND	2
10061-02-6	trans-1,3-dichloropropene	ND	2
100-41-4	ethylbenzene	ND	5
519-78-6	2-hexanone	ND	5
75-09-2	methylene chloride	ND	5
108-10-1	4-methyl-2-pentanone	ND	5
100-42-5	styrene	ND	5
79-34-5	1,1,2,2-tetrachloroethane	ND	2
127-18-4	tetrachloroethene	ND	2
108-88-3	toluene	ND	5
71-55-6	1,1,1-trichloroethane	ND	2
79-00-5	1,1,2-trichloroethane	ND	2
79-01-6	trichloroethene	ND	2
75-01-4	vinyl chloride	ND	5
108-38-3	m- and/or (CAS# 106-42-3)p-xylene	ND	5
95-47-6	o-xylene	ND	5

(*) ND = Not detected above the listed detection limit.

 Attachment: 5

ORGANIC ANALYSIS DATA

6E-HL SAMPLE NO: 3TFADW05-05 DATE REPORTED: 20-Oct-92

ANALYST: F. E. O'N. SAMPLE TYPE: water

TENTATIVELY IDENTIFIED VOLATILE COMPOUNDS BY METHOD 624

(min) RT	CAS#	COMPOUND NAME *	(ug/L) ** EST. CONC.
		No VOA TIC's detected in this sample.	

* ANALYSTS NOTE - THE COMPOUNDS LISTED ARE TENTATIVELY IDENTIFIED BY THE BEST MATCH WITH THE NIH/EPA/WILEY MASS SPECTRAL DATA BASE OR BY MANUAL INTERPRETATION. STANDARDS WERE NOT AVAILABLE FOR CONFIRMATION OR QUANTITATION.

**Estimated concentration is based on a RF of 1.0 to internal standard

November 10, 1992

U.S. Environmental Protection Agency

Houston Branch Management System

Report for Sample Number 3TFADW0590

Source: MOBILE WASTE CONTROLS

Site Description: MATRIX SPIKE

Date/Time Received: 10/15/92 16:00

Date/Time Collected: 10/15/92 0:00

Sample Type: DW

Date Completed: 11/10/92

Comments:

Parameter	Description	Section	Status	Report Date
ABN	ACID/BASE NEUTRALS	ORGANIC	COMPLETE	11/10/92
CN	CYANIDE	INORGANIC	COMPLETE	11/10/92
HSL	HAZARDOUS SUBSTANCE LIST	METALS	COMPLETE	11/10/92
PCB	POLYCHLORINATED BIPHENYLS	ORGANIC	COMPLETE	11/10/92
PES	PESTICIDES	ORGANIC	COMPLETE	11/10/92
VOA	VOLATILE ORGANIC ANALYSIS	ORGANIC	COMPLETE	11/10/92

November 10, 1992

U.S. Environmental Protection Agency

Houston Branch Management System

Report for Sample Number 3TFADW0591

Source: MOBILE WASTE CONTROLS

Site Description: MATRIX SPIKE

Date/Time Received: 10/15/92 16:00

Date/Time Collected: 10/15/92 0:00

Sample Type: DW

Date Completed: 11/10/92

Comments:

Parameter	Description	Section	Status	Report Date
ABN	ACID/BASE NEUTRALS	ORGANIC	COMPLETE	11/10/92
CN	CYANIDE	INORGANIC	COMPLETE	11/10/92
HSL	HAZARDOUS SUBSTANCE LIST	METALS	COMPLETE	11/10/92
PCB	POLYCHLORINATED BIPHENYLS	ORGANIC	COMPLETE	11/10/92
PES	PESTICIDES	ORGANIC	COMPLETE	11/10/92
VOA	VOLATILE ORGANIC ANALYSIS	ORGANIC	COMPLETE	11/10/92

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND (SURROGATE) RECOVERY

Lab Name: U.S. EPA, Region 6, Houston Lab

Lab Activity Code: 3TFADW05 Site Name: MOBILE

Lab Sample ID	Instrument Data File	SMC1 (TOL)	** 1	SMC2 (BFB)	** 1	SMC3 (DCE)	** 1	total #out
Matrix Blank	>AA387	98	ok	97	ok	97	ok	0
3TFADW05-02	>AA389	93	ok	89	ok	93	ok	0
3TFADW05-01	>AA390	96	ok	92	ok	97	ok	0
3TFADW05-03	>AA391	97	ok	94	ok	95	ok	0
3TFADW05-04	>AA392	98	ok	96	ok	100	ok	0
3TFADW05-05	>AA393	100	ok	97	ok	99	ok	0
3TFADW05-03	>AA394	102	ok	97	ok	97	ok	0
3TFADW05-05	>AA395	100	ok	100	ok	95	ok	0

QA/QC Limits for Water Volatiles	Low	High
SMC1 (TOL) = Toluene-d8	88	110
SMC2 (BFB) = Bromofluorobenzene	86	115
SMC3 (DCE) = 1,2-Dichloroethane-d4	76	114

** (1) Indicates value outside required QC limits

3A

WATER VOLATILE MATRIX SPIKE / SPIKE DUPLICATE RECOVERY

Lab Name: U.S. EPA, Region 6, Houston Lab

Activity Number: 3TFADW05 Site Name: MOBILE

Spike Data File: >AA394

Sample Number: 3TFADW05-03,5

Sp Dup Data File: >AA395

COMPOUND	Amount Added (ug/L)	Sample Conc. (ug/L)	Spike Conc. (ug/L)	Spike % Recovered	OUT	Q C Limits % Recov
Dichloroethene	50	0.0	49.5	99	0	61-145
Trichloroethene	50	0.0	50.5	101	0	71-120
Benzene	50	0.0	50.8	102	0	76-127
Toluene	50	0.0	48.8	98	0	76-125
Chlorobenzene	50	0.0	48.4	97	0	75-130

COMPOUND	Sample Conc. (ug/L)	Sp Dup Conc. (ug/L)	Sp Dup % Recovered	OUT	R P D	OUT	Q C Limits R P D
Dichloroethene	0.0	47.6	95	0	3.9	0	14
Trichloroethene	0.0	50.1	100	0	0.7	0	14
Benzene	0.0	49.9	100	0	1.8	0	11
Toluene	0.0	48.0	96	0	1.6	0	13
Chlorobenzene	0.0	47.7	95	0	1.5	0	13

OUT = Column used to flag if outside limits, 1 = outside limits.

QC Summary Results: % Recov: 0 out of 10 outside limits
RPD: 0 out of 5 outside limits

PE CIDE/PCB SURROGATE RECOVE

HOUSTON LABORATORY BRANCH U.S. ENVIRONMENTAL PROTECTION AGENCY

LAB CODE____6E-HO____ CASE NO.:__2TAFDW05_____
GC COLUMN(1):___DB-_5__ID:0.53(mm) GC COLUMN(2):___DB-_17_ID:0.53_(mm)
COLUMN LENGTH____15____(M) COLUMN LENGHT___15_____(M)

	EPA SAMPLE NO.	TCMX 1 %REC #	TCMX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	3TFADW0501_	62.4%	62.4%	75.6%	79.2			2
02	3TFADW0502_	52.8%	52.8%	77.4%	78.0%			2
03	3TFADW0503_	53.4%	52.8%	76.8%	76.8%			2
04	3TFADW0504_	47.4%	46.8%	91.8%	91.2%			2
05								
06								
07								
BLANK	3TFADW05_____!	57.0%	57.6%	70.8%	73.2%			2
MS	3TFADW0501_	47.4%	46.8%	91.8%	91.2%			2
MSD	3TFADW0501_	58.2%	57.6%	94.8%	93.0%			2

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)
DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

ANALYSIS BY :L.C. MINER,JR.
EXTRACTION BY:JOE BLOSSMAN
CLEANUP BY: N/A

 DATE 10/ 31 / 92

6ES-HL

QUALITY ASSURANCE SUMMARY REPORT FORM

ACCURACY AND PRECISION DATA

PROJECT:MOBILE WASTE
APPLICABLE TO SAMPLES: 3TFADW0501-04
SAMPLE NO. SPIKED:3TFADW0501 MS;MSD SPIKED COMPOUND: PEST MIX II.
MATRIX: WATERS vol. spike: 1.000 l vol.spike dup. : 1.000 l
FRACTION: PESTICIDES(X),PCBS(X),HERBICIDES( ),PCB ONLY( )

SAMPLE FRACTION	SAMPLE CONC (PPB)	MS ADDED (PPB)	MSD ADDED (PPB)	MS CONC. (PPB)	MSD CONC. (PPB)	MS % REC	MSD % REC	% RPD
ALPHA-BHC								
BETA-BHC								
DELTA-BHC								
GAMMA BHC(LINDANE)		0.250	0.250	0.144	0.172	57.6%	68.8%	17.7%
HEPTACHLOR		0.250	0.250	0.140	0.136	56.0%	64.9%	14.7%
ALDRIN		0.250	0.250	0.117	0.136	46.7%	54.5%	15.4%
HEPTACHLOR EPOXIDE								
ENDOSULFAN I								
DEILDRIN		0.500	0.500	0.429	0.457	85.4%	91.5%	6.9%
4,4' DDE								
ENDRIN		0.500	0.500	0.496	0.521	99.2%	104.2%	4.9%
ENDOSULFAN II								
4,4' DDD								
ENDOSULFAN SULFATE								
4,4' DDT		0.500	0.500	0.492	0.492	98.4%	98.4%	0.0%
METHOXYCHLOR								
ALPHA-CHLORDANE								
GAMMA-CHLORDANE								
TECH- CHLORDANE								
TOXAPHENE								
AROCLOR 1221								
AROCLOR 1232								
AROCLOR 1016								
AROCLOR 1242								
AROCLOR 1248								
AROCLOR 1254								
AROCLOR 1260								
AROCLOR 1262								
2,4-D								
SILVEX								
2,4,5-T								
ATRAZINE								
DIURON								
OUST								
VELPAR								

COMMENTS:

ANALYSIS & REPORT BY: L.C.MINER,JR. DATE: 10/31/92
EXTRACTED BY:JOE BROSSMAN

CLEANED-UP BY: N/A

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: U.S. EPA, Region 6, Houston Lab

Lab Activity Code:3TFADW05 Site Name:MOBILE WASTE

Lab Sample ID	Data File	S1 (NBZ)	** 1	S2 (FBP)	** 1	S3 (TPH)	** 1	S4 (PHL)	** 1	pg 1 #out
Organic Surr	>AE093	100	ok	100	ok	100	ok	100	ok	0
Matrix Blank	>AE094	68	ok	79	ok	111	ok	70	ok	0
3TFADW05-01	>AE095	73	ok	79	ok	105	ok	76	ok	0
3TFADW05-02	>AE096	94	ok	92	ok	77	ok	95	ok	0
3TFADW05-03	>AE097	77	ok	83	ok	105	ok	85	ok	0
3TFADW05-04	>AE098	78	ok	86	ok	107	ok	80	ok	0
3TFADW05-01S	>AE099	78	ok	80	ok	78	ok	83	ok	0
3TFADW05-01S	>AE100	91	ok	85	ok	79	ok	89	ok	0
3TFADW06/07B	>AE101	81	ok	82	ok	101	ok	78	ok	0
3TFADW07-01	>AE102	81	ok	82	ok	89	ok	90	ok	0
3TFADW06-01	>AE103	74	ok	77	ok	65	ok	90	ok	0
3TFADW06-02	>AE104	64	ok	64	ok	84	ok	70	ok	0
3TFADW06-03	>AE105	69	ok	69	ok	63	ok	73	ok	0
		Total:	0	Total:	0	Total:	0	Total:	0	0

QA/QC Limits for Water Semivolatiles	Low	High
S1 (NBZ) = Nitrobenzene-d5	35	114
S2 (FBP) = 2-Fluorobiphenyl	43	116
S3 (TPH) = Terphenyl-d14	33	141
S4 (PHL) = Phenol-d5	10	110

** (1) Indicates value outside required QC limits

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: U.S. EPA, Region 6, Houston Lab

Lab Activity Code:3TFADW05 Site Name:MOBILE WASTE

Lab Sample ID	Data File	S5 (2FP)	** 1	S6 (TBP)	** 1	S7 (2CP)	** 1	S8 (DCB)	** 1	total #out
Organic Surr	>AE093	100	ok	100	ok	100	ok	100	ok	0
Matrix Blank	>AE094	71	ok	87	ok	67	ok	73	ok	0
3TFADW05-01	>AE095	74	ok	92	ok	72	ok	72	ok	0
3TFADW05-02	>AE096	85	ok	98	ok	91	ok	91	ok	0
3TFADW05-03	>AE097	78	ok	98	ok	74	ok	78	ok	0
3TFADW05-04	>AE098	81	ok	88	ok	76	ok	85	ok	0
3TFADW05-01S	>AE099	72	ok	98	ok	73	ok	79	ok	0
3TFADW05-01S	>AE100	85	ok	103	ok	78	ok	86	ok	0
3TFADW06/07B	>AE101	71	ok	85	ok	72	ok	77	ok	0
3TFADW07-01	>AE102	76	ok	85	ok	77	ok	80	ok	0
3TFADW06-01	>AE103	74	ok	83	ok	73	ok	78	ok	0
3TFADW06-02	>AE104	58	ok	83	ok	61	ok	57	ok	0
3TFADW06-03	>AE105	72	ok	83	ok	69	ok	69	ok	0
		Total:	0	Total:	0	Total:	0	Total:	0	0

QA/QC Limits for Water Semivolatiles	Low	High
S5 (2FP) = 2-Fluorophenol	21	110
S6 (TBP) = 2,4,6-Tribromophenol	10	123
S7 (2CP) = 2-Chlorophenol-d4	33	110
S8 (DCB) = 1,2-Dichlorobenzene-d4	16	110

** (1) Indicates value outside required QC limits

3C

WATER SEMIVOLATILE MATRIX SPIKE / SPIKE DUPLICATE RECOVERY
Lab Name: U.S. EPA, Region 6, Houston Lab

Activity Number:3TFADW05 Site Name: MOBILE WASTE

Spike Data File: >AE099

Sample Number: 3TFADW05-01

Sp Dup Data File:>AE100

***** W A T E R *****

COMPOUND	Amount Added (ug/L)	Sample Conc. (ug/L)	Spike Conc. (ug/L)	Spike % Recovered	OUT	Q C Limits % Recov
Phenol	100	0.0	73.4	73	0	12-110
2-Chlorophenol	100	0.0	72.5	72	0	27-123
Dichlorobenzene	50	0.0	37.2	74	0	36-97
N-Nitroso-propy	50	0.0	32.5	65	0	41-116
Trichlorobenzen	50	0.0	34.2	68	0	39-98
4Chloro3methylp	100	0.0	64.3	64	0	23-97
Acenaphthene	50	0.0	41.1	82	0	46-118
4-Nitrophenol	100	0.0	65.4	65	0	10-80
Dinitrotoluene	50	0.0	36.3	73	0	24-96
Pentachlorophen	100	0.0	75.1	75	0	9-103
Pyrene	50	0.0	48.7	97	0	26-127

COMPOUND	Sample Conc. (ug/L)	Sp Dup Conc. (ug/L)	Sp Dup % Recovered	OUT	R P D	OUT	Q C Limits R P D
Phenol	0.0	71.2	71	0	3.0	0	42
2-Chlorophenol	0.0	75.6	76	0	4.3	0	40
Dichlorobenzene	0.0	39.0	78	0	4.9	0	28
N-Nitroso-propy	0.0	36.0	72	0	10.2	0	38
Trichlorobenzen	0.0	38.1	76	0	10.6	0	28
4Chloro3methylp	0.0	70.8	71	0	9.5	0	42
Acenaphthene	0.0	40.2	80	0	2.0	0	31
4-Nitrophenol	0.0	67.1	67	0	2.7	0	50
Dinitrotoluene	0.0	34.6	69	0	4.6	0	38
Pentachlorophen	0.0	74.1	74	0	1.3	0	50
Pyrene	0.0	40.2	80	0	19.0	0	31

OUT Column used to flag if outside limits, 1 = outside limits.

QC Summary Results: % Recov: 0 out of 22 outside limits
RPD: 0 out of 11 outside limits

GFAAS DATA SHEET

USEPA - REGION 6 LABORATORY

DATE: 11/3/92

INORGANIC LAB SECTION

SITE: MOBILE WASTE CONTROL = 3TFADW05

SAMPLE #	MATRIX	ARSENIC	SELENIUM	THALLIUM	LEAD	COMMENTS
3TFADW05 01		<5.8	<2.9	<5.0×2	<3.3	
01 DUPLI SP		107%	87%	91%	106%	
01 DIGEST SP.		46.6 / 93%	44.2 / 88%	44.0 / 88%	42.7 / 85%	
01 DIGEST SP & DL		48.2 / 96%	43.8 / 88%	41.2 / 82%	40.6 / 81%	
02		<5.8	<2.9	<5.0×2	<3.3	
03		<5.8	<2.9	<5.0×2	7.7	
04		<5.8	<2.9	<5.0×2	<3.3	
LCS		101%	103%	98%	95%	

DETECTION LIMITS:
LEAD 3.3 ug/L
ARSENIC 5.8 ug/L
SELENIUM 2.9 ug/L
THALLIUM 5.0 ug/L

UNITS = ug/L

ANALYST Carter

Mercury: All samples less than 0.2 ug/L
QA/QC within control limits
Ran 28 Oct 92 Sanders 9 NOV 92

Cyanide: All samples less than 0.02 mg/L
QA/QC within control limits
Ran 10/21 + 10/22/92 Sanders 9 NOV 92

HOUSTON ICP QUALITY CONTROL REPORT

ANALYST: R. CLARK

SOURCE	TYPE AQUEOUS	DATE REC	DATE REP
MOBILE WASTE CONTROLS		15-OCT-92	23-OCT-92

SAMPLE #3TFADW0501
QC FOR 3TFADW0501-DW0504 AQ HSL

SPIKE ADDED	100 UG/L SPIKE	SPIKE DUP	PREP BLNK		%REC	%RPD	SAMPLE		%LCS
Al	95	112	DL		95%	16.4		2)	151%
Sb	987	957	DL		99%	3.1			96%
Ba	582	584	DL		110%	0.3	473		98%
Be	103	103	DL		103%	0.0			99%
Cd	99	99	DL		99%	0.0			97%
Ca	61416	61519	DL	1)	727%	0.2	60689		
Cr	99	99	DL		99%	0.0			95%
Co	98	97	DL		98%	1.0			98%
Cu	180	179	DL		102%	0.6	78		96%
Fe	1663	1667	DL	1)	127%	0.2	1536		99%
Pb	93	98	DL		93%	5.2			89%
Mg	24919	24957	DL	1)	401%	0.2	24517		93%
Mn	238	240	DL		100%	0.8	138		95%
Ni	97	95	DL		97%	2.1			97%
K			DL						
Ag	95	95	DL		95%	0.0			93%
Na	85446	85410	DL	1)	1307%	0.0	84139		111%
V	94	94	DL		94%	0.0			93%
Zn	529	529	DL		103%	0.0	426		98%

COMMENTS 1) Ca, Fe, Mg AND Na EXCEEDED THE SPIKE CONCENTRATION BY A FACTOR OF FOUR
2) ANALYTICAL ADD ON OF AQUEOUS BLANK WAS 102 % FOR Al

DL=DETECTION LIMITS

ACCEPTABLE %REC=75-125% %RPD=<20

R. C. 10-23-92

26/10/96

U.S. EPA - Houston Branch

Aqueous Extraction Worksheet

SITE NAME: Mobile waste Controls

PROCEDURE: ABN CONTINUOUS

DATE: 10/19/92

TAG #	SAMPLE #	SAMPLE VOLUME (L)	SURROGATE		SPIKE				COMMENTS
			ABN (ML)	PES (ML)	ABN (ML)	PES (ML)	PCB (ML)	HERB (ML)	
6-024442	3TFAD205-01	1.0	1.0						
6-024444	DW05-01MS	1.0	1.0		1.0				
6-024445	DW05-01MSD	1.0	1.0		1.0				
6-024091	DW05-02	1.0	1.0						
6-024098	DW05-03	1.0	1.0						
6-024086	DW05-04	1.0	1.0 or 2.0						may HAVE Spiked twice
	BLANK	1.0	1.0						

Notes: Completed 10/23/92

QA/QC Solutions Used: Spike: ABN matr. spike Std Date: 6/3/92 Surrogate: ABN surrogate FY93-1 Date: 9/23/92

Clean-Up Procedure:

Final Extract Volume: 1.0 Extractor: Rodney M. Clark

U.S. EPA - Houston Branch

Aqueous Extraction Worksheet

MOBILE WASTE-3TFADW05

SITE NAME: NAZARETH LANDFILL-3TFADW03 PROCEDURE: PEST/PCB DATE: 10/19/92

TAG #	SAMPLE #	SAMPLE VOLUME (L)	SURROGATE		SPIKE				COMMENTS
			ABN (ML)	PES (ML)	ABN (ML)	PES (ML)	PCB (ML)	HERB (ML)	
	DW03 DW05 BLK	1.0		1.0					
6-024442	DW05-01	1.0		1.0					
6-024444	DW05-01MS	.5/1.0		1.0		1.0			
6-024445	DW05-01MSD	.5/1.0		1.0		1.0			
6-024091	DW05-02	1.0		1.0					HAD EMULSION, USED PROCEDURE 2.6.1 TO BREAK UP
6-024098	DW05-03	1.0		1.0					
6-024086	DW05-04	1.0		1.0					
6-010390	DW03-03	1.0		1.0					TAG INDICATES ABN EXT

COMPLETED 10-22-92

Notes:

QA/QC Solutions Used: Spike: PEST MATRIX #1 Date: 7-7-92 Surrogate: PEST/PCB #3 Date: 7-7-92

Clean-Up Procedure:

Final Extract Volume: 2 MLS Extractor: JOE BLOSSMAN

ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH

INORGANIC METALS WORKSHEET

SOURCE: MOBILE WASTE CONTROLS

DATE: 10/19/92

SAMPLE ID	AA-HNO_3 (ml) / ~~(g)~~	ICP-HCL (ml) / ~~(g)~~	METHOD REFERENCE	COMMENTS
LCS	100	100	CLP SOW 390	
PREP BLANK	100	100		
3TFA DW05-01	100	100		6-024447
SPIKE DW05-01				"
SPIKE DUP DW05-01				"
DW05-02				6-024093 OK 2
DW05-03				6-024099
DW05-04	100	100	CLP SOW 390	6-024087

AA SPIKE : 500 µl 10 PPM Pb, Se, Tl, As

ICP SPIKE : 100 µl 1000 PPM Sb
100 µl EPATX-2
100 µl EPATX-3B

DIGESTOR: Barbara Patterson

BOOKMARK

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 6
First International Bldg., 1201 Elm St.
Dallas, Texas 75270

CHAIN OF CUSTODY RECORD

PROJ. NO.: AU332.11
PROJECT NAME: TXD 988051652 Mobile Waste Controls case#18914
SAMPLERS: (Signature) Brian Vanderglas, Jon Feldman

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	CLP VOAs	CLP SV	CLP PEST/PCB	CYANIDES	METALS		REMARKS
GW1	10/15/92	1200		X	well at 9416 Lambright	16	6	3	3	2	2		TAG# 024435 - 024450
GW9	10/15/92	1215		X	corner of Lambright + Radio	6	2	1	1	1	1		TAG# 024083 - 024088
GW2	10/15/92	1425		X	well at 9905 Radio Rd	6	2	1	1	1	1		TAG# 024089 - 024094
GW3	10/15/92	1445		X	well at 9916 Radio Rd	6	2	1	1	1	1		TAG# 024400, 024096 - 024100
TB4	10/15/92	N/A		X	Trip Blank 4	2	2						TAG# 024464, 024463
													GW1 is MS/MSD sample
													cyanide bottles preserved to pH >12 with NaOH
													metals bottle preserved to pH <2 with HNO_3
													All samples preserved on ice
													Samples hand delivered to
													EPA Laboratory at 10625 Fallstone Rd
													in Houston, TX 77099

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Brian Vanderglas	10/15/92 1600	J Feldman			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

6-01290

U.S. EPA - HOUSTON BRANCH
SAMPLE LOG-IN SHEET

Sampling Site: Mobile Waste Controls Date Received: 10/15/92

Lab Activity /Sample Numbers: 3TFADW05 01-05 Time Received: 16:00

Number of Ice Chests Received: 3

Circle Appropriate Response:

1. **Delivered by:** Fed Ex/Airborne USPS Hand Delivered UPS Other
2. **Ice Chest Custody Seal:** Intact Not-Intact Absent Not Applicable
3. **Ice Chest Packing:** Ice Vermiculite Foam Peanuts Bubble Wrap Other
4. **Condition of Samples:** Intact Leaking Broken
5. **Sample Custody Seals:** Intact Not-Intact Absent
6. **Chain of Custody:** Present Absent
7. **Sample Tags:** Present Absent

Comments:

Initial: [illegible] Date: 10/15/92

Reference: NEIC *Example Standard Operating Procedures*; 3-86

Rev 04/92

Project Code 1 / CLP Case #	Station #	Month/Day/Year	Time	Designate	
	GW-1	10/15/92	1200	Grab. X	Comp.

Preservative: ICE Yes ☒ No ☐

Volatile Organics	
Semi Volatiles (ABN)	X
Pesticides/PCB	X
Metals	
Cyanide	
Alkalinity/Hardness	
TCLP	
☐ VOA	
☐ ABN	
☐ METALS	
Asbestos	
Dioxin	
Oil and Grease	

Remarks: 3TFADW05.01 MS

Concentration: ☒ L ☐ M ☐ H

Tag Number 6-024443 | Lab Sample Number

Preservative: ICE Yes ☒ No ☐

Volatile Organics	
Semi Volatiles (ABN)	X
Pesticides/PCB	X
Metals	
Cyanide	
Alkalinity/Hardness	
TCLP	
☐ VOA	
☐ ABN	
☐ METALS	
Asbestos	
Dioxin	
Oil and Grease	

Station # GW-1 | Month/Day/Year 10/15/92 | Time 1200 | Designate Grab.

Remarks: 3TFADW05.01 MS

Concentration: ☒ L ☐ M ☐ H

Project Code 1 / CLP Case # | Tag Number 6-024444 | Lab Sample Number

Preservative: NaOH Yes ☒ No ☐

Volatile Organics	
Semi Volatiles (ABN)	
Pesticides/PCB	
Metals	
Cyanide	X
Alkalinity/Hardness	
TCLP	
☐ VOA	
☐ ABN	
☐ METALS	
Asbestos	
Dioxin	
Oil and Grease	

Station # GW-1 | Month/Day/Year 10/15/92 | Time 1200 | Designate Grab. X

Remarks: 3TFADW05.01 MS/MSD

Concentration: ☒ L ☐ M ☐ H

Project Code 1 / CLP Case # | Tag Number 6-024450 | Lab Sample Number

Preservative: HNO_3 Yes ☒ No ☐

Volatile Organics	
Semi Volatiles (ABN)	
Pesticides/PCB	
Total Metals	X
Cyanide	
Alkalinity/Hardness	
TCLP	
☐ VOA	
☐ ABN	
☐ METALS	
Asbestos	
Dioxin	
Oil and Grease	

Station # GW-1 | Month/Day/Year 10/15/92 | Time 1200 | Designate Grab. X

Remarks: 3TFADW05.01 MS/MSD

Concentration: ☒ L ☐ M ☐ H

Project Code 1 / CLP Case # | Tag Number 6-024448 | Lab Sample Number

Preservative: HNO3		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	total Metals	X
	Cyanide	
	Alkalinity/Hardness	
Time: 1200	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-1	3TFADW05·01	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number: 6-024447	Lab Sample Number

Preservative: ice		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	
	Semi Volatiles (ABN)	X
Designate: Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time: 1200	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-1	3TFADW05·01	
	Remarks: MSD	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number: 6-024445	Lab Sample Number

Preservative: ice		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	
	Semi Volatiles (ABN)	X
Designate: Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time: 1200	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-1	3TFADW05·01	
	Remarks: MSD	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number: 6-024446	Lab Sample Number

Preservative: ICE		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	
	Semi Volatiles (ABN)	X
Designate: Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time: 1415	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-2	3TFADW05·02	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number 6-024092	Lab Sample Number

Preservative: ice		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	
	Semi Volatiles (ABN)	X
Designate: Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time: 1200	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-1	3TFADW05·01	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number 6-024442	Lab Sample Number

Preservative: NaOH		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	Metals	
	Cyanide	X
	Alkalinity/Hardness	
Time: 1200	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-1	3TFADW05·01	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number 6-024449	Lab Sample Number

Preservative: Ice

Yes ☒ No ☐

Designate		
Grab.	Volatile Organics	
	Semi Volatiles (ABN)	X
Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1415

Month/Day/Year: 10/15/92

Station #: GW-2

3TFADW05·02

Remarks:

Concentration: ☒ L ☐ M ☐ H

Project Code 1 CLP Case #

Tag Number: 6-024091

Lab Sample Number

Preservative: NaOH

Yes ☒ No ☐

Designate		
Grab.	Volatile Organics	
	Semi Volatiles (ABN)	
Comp.	Pesticides/PCB	
	Metals	
	Cyanide	X
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1415

Month/Day/Year: 10/15/92

Station #: GW-2

3TFADW05·02

Remarks:

Concentration: ☒ L ☐ M ☐ H

Project Code 1 CLP Case #

Tag Number: 6-024094

Lab Sample Number

Preservative: HNO3

Yes ☒ No ☐

Designate		
Grab.	Volatile Organics	
	Semi Volatiles (ABN)	
Comp.	Pesticides/PCB	
	Total Metals	X
	Cyanide	
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1415

Month/Day/Year: 10/15/92

Station #: GW-2

3TFADW05·02

Remarks:

Concentration: ☒ L ☐ M ☐ H

Project Code 1 CLP Case #

Tag Number: 6-024093

Lab Sample Number

Preservative: Ice		
Yes ☒ No ☐		
Designate: Grab. X	Volatile Organics	
	Semi Volatiles (ABN)	X
Designate: Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time 1445	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # GW-3	3TFADW05·03	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number 6-024098	Lab Sample Number

Preservative: NaOH		
Yes ☒ No ☐		
Designate: Grab. X	Volatile Organics	
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	Metals	
	Cyanide	X
	Alkalinity/Hardness	
Time 1445	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # GW-3	3TFADW05·03	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number 6-024100	Lab Sample Number

Preservative: Ice		
Yes ☒ No ☐		
Designate: Grab. X	Volatile Organics	
	Semi Volatiles (ABN)	X
Designate: Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time 1445	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station # GW-3	3TFADW05·03	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number 6-024097	Lab Sample Number

Preservative: NaOH

Yes ☐ No ☐

Designate		
Grab.	Volatile Organics	
	Semi Volatiles (ABN)	
Comp.	Pesticides/PCB	
	Metals	
	Cyanide	X
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1215

Month/Day/Year: 10/15/92

Station #: GW-9

3TFADW05·04

Remarks:

Project Code 1 CLP Case #

Concentration: ☒ L ☐ M ☐ H

Tag Number: 6-024088

Lab Sample Number

Preservative: Ice

Yes ☒ No ☐

Designate		
Grab.	Volatile Organics	
	Semi Volatiles (ABN)	X
Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1215

Month/Day/Year: 10/15/92

Station #: GW-9

3TFADW05·04

Remarks:

Project Code 1 CLP Case #

Concentration: ☒ L ☐ M ☐ H

Tag Number: 6-024086

Lab Sample Number

Preservative: Ice

Yes ☒ No ☐

Designate		
Grab.	Volatile Organics	
	Semi Volatiles (ABN)	X
Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1215

Month/Day/Year: 10/15/92

Station #: GW-9

3TFADW05·04

Remarks:

Project Code 1 CLP Case #

Concentration: ☒ L ☐ M ☐ H

Tag Number: 6-024085

Lab Sample Number

Preservative: ice		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	X
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time: 1200	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-1	3TFADW05·01	
	Remarks: MSD	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number: 6-024439	Lab Sample Number

Preservative: ice		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	X
	Semi Volatiles (ABN)	
Designate: Comp.	Pesticides/PCB	
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time: 1415	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-2	3TFADW05·02	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number: 6-024090	Lab Sample Number

Preservative: ice		
Yes ☒ No ☐		
Designate: Grab.	Volatile Organics	
	Semi Volatiles (ABN)	X
Designate: Comp.	Pesticides/PCB	X
	Metals	
	Cyanide	
	Alkalinity/Hardness	
Time: 1200	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
Month/Day/Year: 10/15/92	Asbestos	
	Dioxin	
	Oil and Grease	
Station #: GW-1	3TFADW05·01	
	Remarks:	
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H	
	Tag Number: 6-024441	Lab Sample Number

Designate	Grab.	Preservative: ice	
		Yes ☒ No ☐	
	X	Volatile Organics	X
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		Metals	
		Cyanide	
		Alkalinity/Hardness	
Time 1200		TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year 10/15/92		Asbestos	
		Dioxin	
		Oil and Grease	
Station # GW-1		3TFADW05·01	
		Remarks: MS	
Project Code 1 CLP Case #		Concentration: ☒ L ☐ M ☐ H/	
		Tag Number 6-024437	Lab Sample Number

Designate	Grab.	Preservative: ice	
		Yes ☒ No ☐	
	X	Volatile Organics	X
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		Metals	
		Cyanide	
		Alkalinity/Hardness	
Time 1200		TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year 10/15/92		Asbestos	
		Dioxin	
		Oil and Grease	
Station # GW-1		3TFADW05·01	
		Remarks:	
Project Code 1 CLP Case #		Concentration: ☒ L ☐ M ☐ H	
		Tag Number 6-024435	Lab Sample Number

Designate	Grab.	Preservative: ice	
		Yes ☒ No ☐	
	X	Volatile Organics	X
		Semi Volatiles (ABN)	
	Comp.	Pesticides/PCB	
		Metals	
		Cyanide	
		Alkalinity/Hardness	
Time 1200		TCLP	
		☐ VOA	
		☐ ABN	
		☐ METALS	
Month/Day/Year 10/15/92		Asbestos	
		Dioxin	
		Oil and Grease	
Station # GW-1		3TFADW05·01	
		Remarks:	
Project Code 1 CLP Case #		Concentration: ☒ L ☐ M ☐ H	
		Tag Number 6-024436	Lab Sample Number

Preservative: ice			
Yes ☑	No ☐		
Designate: Grab. X	Volatile Organics	X	
	Semi Volatiles (ABN)		
Designate: Comp.	Pesticides/PCB		
	Metals		
	Cyanide		
	Alkalinity/Hardness		
Time: 1200	TCLP		
	☐ VOA		
	☐ ABN		
	☐ METALS		
Month/Day/Year: 10/15/92	Asbestos		
	Dioxin		
	Oil and Grease		
Station #: GW-1	3TFADW05-01		
	Remarks: MS		
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H		
	Tag Number: 6-024438	Lab Sample Number	

Preservative: ice			
Yes ☒	No ☐		
Designate: Grab. X	Volatile Organics	X	
	Semi Volatiles (ABN)		
Designate: Comp.	Pesticides/PCB		
	Metals		
	Cyanide		
	Alkalinity/Hardness		
Time: 1415	TCLP		
	☐ VOA		
	☐ ABN		
	☐ METALS		
Month/Day/Year: 10/15/92	Asbestos		
	Dioxin		
	Oil and Grease		
Station #: GW-2	3TFADW05-02		
	Remarks:		
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H		
	Tag Number: 6-024089	Lab Sample Number	

Preservative: ice			
Yes ☒	No ☐		
Designate: Grab. X	Volatile Organics	X	
	Semi Volatiles (ABN)		
Designate: Comp.	Pesticides/PCB		
	Metals		
	Cyanide		
	Alkalinity/Hardness		
Time: 1200	TCLP		
	☐ VOA		
	☐ ABN		
	☐ METALS		
Month/Day/Year: 10/15/92	Asbestos		
	Dioxin		
	Oil and Grease		
Station #: GW-1	3TFADW05-01		
	Remarks: MSD		
Project Code 1 CLP Case #	Concentration: ☒ L ☐ M ☐ H		
	Tag Number: 6-024440	Lab Sample Number	

Preservative: Ice

Yes ☒ No ☐

Designate		
Grab	Volatile Organics	X
	Semi Volatiles (ABN)	
Comp.	Pesticides/PCB	
	Metals	
	Cyanide	
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1445

Month/Day/Year: 10/15/92

Station #: GW-3

3TFADW05·03

Remarks:

Concentration: ☒ L ☐ M ☐ H

Project Code 1 CLP Case #

Tag Number: 6-024400

Lab Sample Number

Preservative: Ice

Yes ☒ No ☐

Designate		
Grab	Volatile Organics	X
	Semi Volatiles (ABN)	
Comp.	Pesticides/PCB	
	Metals	
	Cyanide	
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1215

Month/Day/Year: 10/15/92

Station #: GW-9

3TFADW05·04

Remarks:

Concentration: ☒ L ☐ M ☐ H

Project Code 1 CLP Case #

Tag Number: 6-024083

Lab Sample Number

Preservative: Ice

Yes ☒ No ☐

Designate		
Grab	Volatile Organics	X
	Semi Volatiles (ABN)	
Comp.	Pesticides/PCB	
	Metals	
	Cyanide	
	Alkalinity/Hardness	
	TCLP	
	☐ VOA	
	☐ ABN	
	☐ METALS	
	Asbestos	
	Dioxin	
	Oil and Grease	

Time: 1445

Month/Day/Year: 10/15/92

Station #: GW-3

3TFADW05·03

Remarks:

Concentration: ☒ L ☐ M ☐ H

Project Code 1 CLP Case #

Tag Number: 6-024096

Lab Sample Number

Preservative: Ice

Yes ☒ No ☐

Designate		
Grab.	X	Volatile Organics
		Semi Volatiles (ABN)
Comp.		Pesticides/PCB
		Metals
		Cyanide
		Alkalinity/Hardness
		TCLP
		☐ VOA
		☐ ABN
		☐ METALS
		Asbestos
		Dioxin
		Oil and Grease

Time: N/A

Month/Day/Year: 10/15/92

Station #: TB-4

3TFADW05·05

Remarks:

Project Code 1 CLP Case #

Concentration: ☒ L ☐ M ☐ H

Tag Number: 6-024464

Lab Sample Number

Preservative: Ice.

Yes ☒ No ☐

Designate		
Grab.	X	Volatile Organics
		Semi Volatiles (ABN)
Comp.		Pesticides/PCB
		Metals
		Cyanide
		Alkalinity/Hardness
		TCLP
		☐ VOA
		☐ ABN
		☐ METALS
		Asbestos
		Dioxin
		Oil and Grease

Time: 1265

Month/Day/Year: 10/15/92

Station #: GW-9

3TFADW05·04

Remarks:

Project Code 1 CLP Case #

Concentration: ☒ L ☐ M ☐ H

Tag Number: 6-024084

Lab Sample Number

Preservative: Ice

Yes ☒ No ☐

Designate		
Grab.	X	Volatile Organics
		Semi Volatiles (ABN)
Comp.		Pesticides/PCB
		Metals
		Cyanide
		Alkalinity/Hardness
		TCLP
		☐ VOA
		☐ ABN
		☐ METALS
		Asbestos
		Dioxin
		Oil and Grease

Time: N/A

Month/Day/Year: 10/15/92

Station #: TB-4

3TFADW05·05

Remarks:

Project Code 1 CLP Case #

Concentration: ☒ L ☐ M ☐ H

Tag Number: 6-024463

Lab Sample Number