10-6

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

JPB

Site: Syntex Verona
ID #: MOD007450154
Break: 3.3
Other: EPA 7-10-86

0751

DATE: 7-10-86

MEMORANDUM

SUBJECT: Syntex Data Transmittal

FROM: Charles P. Hensley
Chief, EP&R/ENSV

TO: Robert L. Morby
Chief, SPFD/WSTM

Attached for your review is:

- X Data Transmittal
- _ Work Plan
- _ Trip Report
- _ Preliminary Assessment
- _ HRS Form with Supporting Documentation
- _ Final Report of Site Investigation
- _

If you have any questions or comments, please contact Paul Doherty at 236-3888.

Attachments

cc: X E&E
- _ LABO
- _ EP&R
- _ TOPE
- _ RCRA
- _ SPFD
- _ EMCM
- _

40032195
SUPERFUND RECORDS

RECEIVED
JUL 11 1986
E&E K.C.K.

John C. Wicklund
Director, ENSV

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE 7-7-86

SUBJECT Transmittal of Laboratory Data

FROM Robert D. Kleopfer, Ph. D. RDK
Chief, Laboratory Branch, ENSV

TO Hensley
Attn: Kepko

Analyses have been completed for the following activities and the data results are attached.

Activity No.	Description
DK651	Syntex
	(TCOD transmittal 7/3;
	complete transmittal)

Attachments

cc: Data Files

EPA Form 1320-6 (Rev. 3-76)

EPA REGION VII
DATA QUALIFICATION CODES

U - Compound was not detected.

M - Compound was qualitatively identified; however, quantitative value is less than contract required detection limits (CLP data); or value is less than limit of quantitation (EPA data).

J - Compound was qualitatively identified; however, compound failed to meet all QA criteria and therefore is only an estimated value.

I - Analysis attempted, but no results can be reported.

O - Sample lost or not analyzed.

L - Value known to be higher than value reported.

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SYNTEX FACILITY — Site Number: 51
Location: VERONA, MO — Site Code: SYN

Collected: YR: 86 MO: 04 Day: 22 Time: 1415 Leader: N.KEPKO

Sample Number: DK651001 SMO #:

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, (WATER) OTHER:

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
1-80oz JUG	BLUE	ICE	TCDD
2-80oz JUGS	PURPLE	ICE	B/N.A.P

Depth: 10-15' Pan #: — Aliquots: —

Samplers: Steve Hennigh Charles [illegible] (Contractor)
Barry Hoppe (NAC)

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring well #1

IBM-PC

FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SYNTEX FACILITY — Site Number: 51
Location: VERONA.MO — Site Code: SYN

Collected: YR: 86 MO: 04 Day: 22 Time: 1745 Leader: N.KEPKO

Sample Number: DK651002 SMU #:

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, (WATER) OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
1-80oz JUG	BLUE	ICE	TCDD
2-80oz JUGS	PURPLE	ICE	B/N.A.P

Depth: 10-15' Pan #: - Aliquots: -

Samplers: Steve Hennigh (Durbin)
Charles Hickman (Durbin)

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well #5

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FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SYNTEX FACILITY — Site Number: 51
Location: VERONA, MO — Site Code: SYN

Collected: YR: 86 MO: 04 Day: 22 Time: 1645 Leader: N. KEPKO

Sample Number: DK651003 SMO #:

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, (WATER) OTHER:

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
1-80oz JUG	BLUE	ICE	TCDD
2-80oz JUGS	PURPLE	ICE	B/N.A.P

Depth: 10-15' Pan #: — Aliquots: —

Samplers: Steve Hennigh Charles Hickman (Durbin)
Barry Hayne (NAL)

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well # 6

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FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SYNTEX FACILITY — Site Number: 51
Location: VERONA, MO — Site Code: SYN

Collected: YR: 86 MO: 04 Day: 22 Time: 1700 Leader: N. KEPKO

Sample Number: DK651004 SMO #:

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, (WATER) OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
1-80oz JUG	BLUE	ICE	TCDD
2-80oz JUGS	PURPLE	ICE	B/N.A.P

Depth: 10:15' Pan #: — Aliquots: —

Samplers: Steve Hennigh, Charles Hickman (Dunbar)
Barry Haynie (NUS)

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well # 7

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FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY. REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SYNTEX FACILITY — Site Number: 51
Location: VERONA, MO — Site Code: SYN

Collected: YR: 86 MO: 04 Day: 22 Time: 1720 Leader: N. KEPKO

Sample Number: DK651005 — SMO #:

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, (WATER), OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
1-80oz JUG	BLUE	ICE	TCDD
2-80oz JUGS	PURPLE	ICE	B/N.A.P

Depth: 10-15' Pan #: — Aliquots: —

Samplers: Steve Hennyb Charles Hickman (Darlin)
Barry Haynie (NAC)

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well # 8

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FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SYNTEX FACILITY — Site Number: 51
Location: VERONA, MO — Site Code: SYN

Collected: YR: 86 MO: 04 Day: 22 Time: 1800 Leader: N. KEPKO

Sample Number: DK651006F — SMO #:

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, (WATER), OTHER: _____

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
1-80oz JUG	BLUE	ICE	TCDD
2-80oz JUGS	PURPLE	ICE	B/N.A.P

Depth: — Pan #: — Aliquots: —

Samplers: Steve Hernugh (Dwyer)
Charles Hickman (Dwyer)

COMMENTS OF FIELD PERSONNEL

Site Description: Field Blank
well wizard pump from MW1 decontaminated and DI water pumped from laboratory cleaned glass pickel jar.

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FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Syntex Site Number: S1
Location: Verona, Mo. Site Code: SYN

Collected: YR: 85 MO: 04 Day: 24 Time: 1015 Leader: Kepko

Sample Number: DKGS1007 SMO #: _____

Sample Media (circle one):
SOIL, DUST, RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): YES NO

Sample Container	Tag Color	Preservative	Analysis Requested
1 qt glass jar	Blue	N/A	2,3,7,8-TCDD

Depth: 12" Fan #: _____ Aliquots: unused

Samplers: Syntex

COMMENTS OF FIELD PERSONNEL

Site Description:
Composite soil sample corresponding to Sample Number
N-T-1341 ; 3994.0000

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FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SYNTEX Site Number: 51
Location: VERONA, MO. Site Code: SYN

Collected: YR: 85 MO: 04 Day: 24 Time: 1115 MS Leader: Kepka

Sample Number: DK051008 SMO #: _____

Sample Media (circle one):
(SOIL) DUST, RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): (YES) NO

Sample Container	Tag Color	Preservative	Analysis Requested
1 QT GLASS JAR	BLUE	N/A	2,3,7,8-TCDD

Depth: 12" Pan #: _____ Aliquots: UNCLEAN

Samplers: SYNTEX

COMMENTS OF FIELD PERSONNEL

Site Description:

COMPOSITE SOIL SAMPLE CORRESPONDING TO SYNTEX NUMBER T-SMALL; 3892.0000

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FIELD SHEET
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: Syntex Site Number: 51
Location: Vernon, MO. Site Code: SYN

Collected: YR: 85 MO: 04 Day: 24 Time: 1145(AM) Leader: KEPPO

Sample Number: DKGS1009 SMO #: _____

Sample Media (circle one):
(SOIL), DUST, RINSATE, SEDIMENT, WATER, OTHER: _____

Sample Split (circle one): (YES) NO

Sample Container	Tag Color	Preservative	Analysis Requested
1 QT GLASS JAR	BLUE	N/A	2,3,7,8-TCDD

Depth: 12" Fan #: _____ Aliquots: UNKNOWN

Samplers: Syntex

COMMENTS OF FIELD PERSONNEL

Site Description:

COMPOSITE SOIL SAMPLE CORRESPONDING TO SYNTEX NUMBER

ST-1301; 3981 0000

IBM-PC

ANALYSIS TYPE: SEMIVOLATILES (PAGE 1)

ITLE: SYNTEX
AB: RAD
AMPLE PREP:_____ ANALYST/ENTRY: E84

MATRIX: WATER
METHOD: 9302M01
REVIEWER: GLS

UNITS: UG/L
CASE: 5876
DATE: 06/17/86

SAMPLE NUMBERS

COMPOUND	DK651001		DK651002		DK651003		DK651004	
PHENOL	6.00	M		I	26.0		18.0	
BIS(2-CHLOROETHYL) ETHER	10.0	U	10.0	U	10.0	U	10.0	U
2-CHLOROPHENOL	10.0	U		I	10.0	U	10.0	U
1,3 DICHLOROBENZENE	10.0	U	1.00	M	7.00	M	7.00	M
1,4 DICHLOROBENZENE	10.0	U	14.0		110		110	
BENZYL ALCOHOL	10.0	U	10.0	U	10.0	U	10.0	U
1,2 DICHLOROBENZENE	10.0	U	1.00	M	15.0		7.00	M
2-METHYLPHENOL	10.0	U		I	3.00	M	10.0	U
BIS(2-CHLOROISOPROPYL)ETHER	10.0	U	10.0	U	10.0	U	10.0	U
4-METHYLPHENOL	10.0	U		I	240		200	
N-NITROSO-DIPROPYLAMINE	10.0	U	10.0	U	10.0	U	10.0	U
HEXACHLOROETHANE	10.0	U	10.0	U	10.0	U	10.0	U
NITROBENZENE	10.0	U	10.0	U	10.0	U	10.0	U
ISOPHORONE	10.0	U	10.0	U	10.0	U	10.0	U
2-NITROPHENOL	10.0	U		I	10.0	U	10.0	U
2,4-DIMETHYLPHENOL	10.0	U		I	2.00	M	10.0	U
BENZOIC ACID	50.0	U		I	34.0	M	33.0	M
BIS(2-CHLOROETHOXY) METHANE	10.0	U	10.0	U	10.0	U	10.0	U
2,4 DICHLOROPHENOL	10.0	U		I	10.0	U	10.0	U
1,2,4-TRICHLOROBENZENE	10.0	U	10.0	U	33.0		10.0	U
NAPHTHALENE	10.0	U	10.0	U	10.0	U	10.0	U
4-CHLOROANILINE	10.0	U	10.0	U	10.0	U	10.0	U
HEXACHLOROBUTADIENE	10.0	U	10.0	U	10.0	U	10.0	U
4-CHLORO-3-METHYLPHENOL	10.0	U		I	3.00	M	10.0	U
2-METHYLNAPHTHALENE	10.0	U	10.0	U	10.0	U	10.0	U
HEXACHLOROCYCLOPENTADIENE	10.0	U	10.0	U	10.0	U	10.0	U
2,4,6-TRICHLOROPHENOL	10.0	U		I	10.0	U	10.0	U
2,4,5-TRICHLOROPHENOL	50.0	U		I	50.0	U	50.0	U
2-CHLORONAPHTHALENE	10.0	U	10.0	U	10.0	U	10.0	U
2-NITROANILINE	50.0	U	50.0	U	50.0	U	50.0	U
DIMETHYLPHTHALATE	10.0	U	10.0	U	10.0	U	10.0	U
ACENAPHTHYLENE	10.0	U	10.0	U	10.0	U	10.0	U
3-NITROANILINE	50.0	U	50.0	U	50.0	U	50.0	U
ACENAPHTHENE	10.0	U	10.0	U	10.0	U	10.0	U
2,4-DINITROPHENOL	50.0	U		I	50.0	U	50.0	U
4-NITROPHENOL	50.0	U		I	50.0	U	5.00	M
DIBENZOFURAN	10.0	U	10.0	U	10.0	U	10.0	U
2,4-DINITROTOLUENE	10.0	U	10.0	U	10.0	U	10.0	U

ANALYSIS TYPE: SEMIVOLATILES (PAGE 2)

ITLE: SYNTEX
AB: RAD
AMPLE PREP:_____ ANALYST/ENTRY: EBS

MATRIX: WATER
METHOD: 9302M01
REVIEWER: GS_____

UNITS: UG/L
CASE: 5876
DATE: 06/17/85

SAMPLE NUMBERS

COMPOUND	DK651001		DK651002		DK651003		DK651004	
2,6-DINITROTOLUENE	10.0	U	10.0	U	10.0	U	10.0	U
DIETHYLPHTHALATE	10.0	U	10.0	U	10.0	U	10.0	U
4-CHLOROPHENYL PHENYL ETHER	10.0	U	10.0	U	10.0	U	10.0	U
FLUORENE	10.0	U	10.0	U	10.0	U	10.0	U
4-NITROANILINE	50.0	U	50.0	U	50.0	U	50.0	U
4,6-DINITRO-2-METHYLPHENOL	50.0	U		I	50.0	U	50.0	U
N-NITROSODIPHENYLAMINE	10.0	U	10.0	U	10.0	U	3.00	M
4-BROMOPHENYL PHENYL ETHER	10.0	U	10.0	U	10.0	U	10.0	U
HEXACHLOROBENZENE	10.0	U	10.0	U	10.0	U	10.0	U
PENTACHLOROPHENOL	50.0	U		I	50.0	U	50.0	U
PHENANTHRENE	10.0	U	10.0	U	10.0	U	10.0	U
ANTHRACENE	10.0	U	10.0	U	10.0	U	10.0	U
DI-N-BUTYLPHTHALATE	10.0	U	10.0	U	10.0	U	10.0	U
FLUORANTHENE	10.0	U	10.0	U	10.0	U	10.0	U
PYRENE	10.0	U	10.0	U	10.0	U	10.0	U
BUTYL BENZYL PHTHALATE	10.0	U	10.0	U	10.0	U	10.0	U
3,3' DICHLOROBENZIDINE	20.0	U	20.0	U	20.0	U	20.0	U
BENZO(A)ANTHRACENE	10.0	U	10.0	U	10.0	U	10.0	U
BIS(2-ETHYLHEXYL)PHTHALATE	10.0	U	10.0	U	10.0	U	10.0	U
CHRYSENE	10.0	U	10.0	U	10.0	U	10.0	U
DI-N-OCTYL PHTHALATE	10.0	U	10.0	U	10.0	U	10.0	U
BENZO(B)FLUORANTHENE	10.0	U	10.0	U	10.0	U	10.0	U
BENZO(K)FLUORANTHENE	10.0	U	10.0	U	10.0	U	10.0	U
BENZO(A)PYRENE	10.0	U	10.0	U	10.0	U	10.0	U
INDENO(1,2,3-CD)PYRENE	10.0	U	10.0	U	10.0	U	10.0	U
DIBENZO(A,H)ANTHRACENE	10.0	U	10.0	U	10.0	U	10.0	U
BENZO(G,H,I)PERYLENE	10.0	U	10.0	U	10.0	U	10.0	U

ANALYSIS TYPE: SEMIVOLATILES (PAGE 1)

ITLE: SYNTEX
AB: RAD
AMPLE PREF:_____ ANALYST/ENTRY: E84

MATRIX: WATER
METHOD: 9302M01
REVIEWER: GLS

UNITS: UG/L
CASE: 5876
DATE: 06/17/86

SAMPLE NUMBERS

COMPOUND	DK651005		DK651006F		DK651~~07~~13F	
PHENOL	7.00	M	10.0	U	1.00	M
BIS(2-CHLOROETHYL) ETHER	10.0	U	10.0	U	10.0	U
2-CHLOROPHENOL	10.0	U	10.0	U	10.0	U
1,3 DICHLOROBENZENE	10.0	U	10.0	U	10.0	U
1,4 DICHLOROBENZENE	10.0	U	10.0	U	10.0	U
BENZYL ALCOHOL	10.0	U	10.0	U	10.0	U
1,2 DICHLOROBENZENE	10.0	U	10.0	U	10.0	U
2-METHYLPHENOL	10.0	U	10.0	U	10.0	U
BIS(2-CHLOROISOPROPYL)ETHER	10.0	U	10.0	U	10.0	U
4-METHYLPHENOL	10.0	U	10.0	U	10.0	U
N-NITROSO-DIPROPYLAMINE	10.0	U	10.0	U	10.0	U
HEXACHLOROETHANE	10.0	U	10.0	U	10.0	U
NITROBENZENE	10.0	U	10.0	U	10.0	U
ISOPHORONE	10.0	U	10.0	U	10.0	U
2-NITROPHENOL	10.0	U	10.0	U	10.0	U
2,4-DIMETHYLPHENOL	10.0	U	10.0	U	10.0	U
BENZOIC ACID	50.0	U	50.0	U	50.0	U
BIS(2-CHLOROETHOXY) METHANE	10.0	U	10.0	U	10.0	U
2,4 DICHLOROPHENOL	10.0	U	10.0	U	10.0	U
1,2,4-TRICHLOROBENZENE	10.0	U	10.0	U	10.0	U
NAPHTHALENE	10.0	U	10.0	U	10.0	U
4-CHLOROANILINE	10.0	U	10.0	U	10.0	U
HEXACHLOROBUTADIENE	10.0	U	10.0	U	10.0	U
4-CHLORO-3-METHYLPHENOL	10.0	U	10.0	U	10.0	U
2-METHYLNAPHTHALENE	10.0	U	10.0	U	10.0	U
HEXACHLOROCYCLOPENTADIENE	10.0	U	10.0	U	10.0	U
2,4,6-TRICHLOROPHENOL	10.0	U	10.0	U	10.0	U
2,4,5-TRICHLOROPHENOL	50.0	U	50.0	U	50.0	U
2-CHLORONAPHTHALENE	10.0	U	10.0	U	10.0	U
2-NITROANILINE	50.0	U	50.0	U	50.0	U
DIMETHYLPHTHALATE	10.0	U	10.0	U	10.0	U
ACENAPHTHYLENE	10.0	U	10.0	U	10.0	U
3-NITROANILINE	50.0	U	50.0	U	50.0	U
ACENAPHTHENE	10.0	U	10.0	U	10.0	U
2,4-DINITROPHENOL	50.0	U	50.0	U	50.0	U
4-NITROPHENOL	50.0	U	50.0	U	50.0	U
DIBENZOFURAN	10.0	U	10.0	U	10.0	U
2,4-DINITROTOLUENE	10.0	U	10.0	U	10.0	U

ANALYSIS TYPE: SEMIVOLATILES (PAGE 2)

ITLE: SYNTEX
AB: RAD
AMPLE PREP:_____ ANALYST/ENTRY: E85

MATRIX: WATER
METHOD: 9302M01
REVIEWER: GGS

UNITS: UG/L
CASE: 5876
DATE: 06/17/86

SAMPLE NUMBERS

COMPOUND	DK651005		DK651006F		DK651007F	
2,6-DINITROTOLUENE	10.0	U	10.0	U	10.0	U
DIETHYLPHTHALATE	10.0	U	10.0	U	10.0	U
4-CHLOROPHENYL PHENYL ETHER	10.0	U	10.0	U	10.0	U
FLUORENE	10.0	U	10.0	U	10.0	U
4-NITROANILINE	50.0	U	50.0	U	50.0	U
4,6-DINITRO-2-METHYLPHENOL	50.0	U	50.0	U	50.0	U
N-NITROSODIPHENYLAMINE	10.0	U	10.0	U	10.0	U
4-BROMOPHENYL PHENYL ETHER	10.0	U	10.0	U	10.0	U
HEXACHLOROBENZENE	10.0	U	10.0	U	10.0	U
PENTACHLOROPHENOL	50.0	U	50.0	U	50.0	U
PHENANTHRENE	10.0	U	10.0	U	10.0	U
ANTHRACENE	10.0	U	10.0	U	10.0	U
DI-N-BUTYLPHTHALATE	10.0	U	2.00	M	6.00	M
FLUORANTHENE	10.0	U	10.0	U	10.0	U
PYRENE	10.0	U	10.0	U	10.0	U
BUTYL BENZYL PHTHALATE	10.0	U	10.0	U	10.0	U
3,3' DICHLOROBENZIDINE	20.0	U	20.0	U	20.0	U
BENZO(A)ANTHRACENE	10.0	U	10.0	U	10.0	U
BIS(2-ETHYLHEXYL)PHTHALATE	10.0	U	11.0		14.0	
CHRYSENE	10.0	U	10.0	U	10.0	U
DI-N-OCTYL PHTHALATE	10.0	U	10.0	U	10.0	U
BENZO(B)FLUORANTHENE	10.0	U	10.0	U	10.0	U
BENZO(K)FLUORANTHENE	10.0	U	10.0	U	10.0	U
BENZO(A)PYRENE	10.0	U	10.0	U	10.0	U
INDENO(1,2,3-CD)PYRENE	10.0	U	10.0	U	10.0	U
DIBENZO(A,H)ANTHRACENE	10.0	U	10.0	U	10.0	U
BENZO(G,H,I)PERYLENE	10.0	U	10.0	U	10.0	U

ANALYSIS TYPE: PESTICIDES

ITLE: SYNTEX
AB: RAD
AMPLE PREP:_____ ANALYST/ENTRY: E86

MATRIX: WATER
METHOD: 9302M01
REVIEWER: _____

UNITS: UG/L
CASE: 5876
DATE: 06/17/86

SAMPLE NUMBERS

COMPOUND	DK651001		DK651002		DK651003		DK651004	
ALPHA-BHC	N/A	I	N/A	I	N/A	I	N/A	I
BETA-BHC	N/A	I	N/A	I	N/A	I	N/A	I
DELTA-BHC	N/A	I	N/A	I	N/A	I	N/A	I
GAMMA-BHC	N/A	I	N/A	I	N/A	I	N/A	I
HEPTACHLOR	N/A	I	N/A	I	N/A	I	N/A	I
ALDRIN	N/A	I	N/A	I	N/A	I	N/A	I
HEPTACHLOR EPOXIDE	N/A	I	N/A	I	N/A	I	N/A	I
ENDOSULFAN I	N/A	I	N/A	I	N/A	I	N/A	I
DIELDRIN	N/A	I	N/A	I	N/A	I	N/A	I
4,4'-DDE	N/A	I	N/A	I	N/A	I	N/A	I
ENDRIN	N/A	I	N/A	I	N/A	I	N/A	I
ENDOSULFAN II	N/A	I	N/A	I	N/A	I	N/A	I
4,4'-DDD	N/A	I	N/A	I	N/A	I	N/A	I
ENDRIN ALDEHYDE	N/A	I	N/A	I	N/A	I	N/A	I
ENDOSULFAN SULFATE	N/A	I	N/A	I	N/A	I	N/A	I
4,4'-DDT	N/A	I	N/A	I	N/A	I	N/A	I
ENDRIN KETONE	N/A	I	N/A	I	N/A	I	N/A	I
METHOXYCHLOR	N/A	I	N/A	I	N/A	I	N/A	I
CHLORDANE	N/A	I	N/A	I	N/A	I	N/A	I
TOXAPHENE	N/A	I	N/A	I	N/A	I	N/A	I
AROCLOR-1016	N/A	I	N/A	I	N/A	I	N/A	I
AROCLOR-1221	N/A	I	N/A	I	N/A	I	N/A	I
AROCLOR-1232	N/A	I	N/A	I	N/A	I	N/A	I
AROCLOR-1242	N/A	I	N/A	I	N/A	I	N/A	I
AROCLOR-1248	N/A	I	N/A	I	N/A	I	N/A	I
AROCLOR-1254	N/A	I	N/A	I	N/A	I	N/A	I
AROCLOR-1260	N/A	I	N/A	I	N/A	I	N/A	I

ANALYSIS TYPE: PESTICIDES

ITLE: SYNTEX
AB: RAD
AMPLE PREP:_____ ANALYST/ENTRY: E86

MATRIX: WATER
METHOD: 9302M01
REVIEWER: _____

UNITS: UG/L
CASE: 5876
DATE: 06/17/86

SAMPLE NUMBERS

COMPOUND	DK651005		DK651006F		DK651007F	
ALPHA-BHC	N/A	I	N/A	I	N/A	I
BETA-BHC	N/A	I	N/A	I	N/A	I
DELTA-BHC	N/A	I	N/A	I	N/A	I
GAMMA-BHC	N/A	I	N/A	I	N/A	I
HEPTACHLOR	N/A	I	N/A	I	N/A	I
ALDRIN	N/A	I	N/A	I	N/A	I
HEPTACHLOR EPOXIDE	N/A	I	N/A	I	N/A	I
ENDOSULFAN I	N/A	I	N/A	I	N/A	I
DIELDRIN	N/A	I	N/A	I	N/A	I
4,4'-DDE	N/A	I	N/A	I	N/A	I
ENDRIN	N/A	I	N/A	I	N/A	I
ENDOSULFAN II	N/A	I	N/A	I	N/A	I
4,4'-DDD	N/A	I	N/A	I	N/A	I
ENDRIN ALDEHYDE	N/A	I	N/A	I	N/A	I
ENDOSULFAN SULFATE	N/A	I	N/A	I	N/A	I
4,4'-DDT	N/A	I	N/A	I	N/A	I
ENDRIN KETONE	N/A	I	N/A	I	N/A	I
METHOXYCHLOR	N/A	I	N/A	I	N/A	I
CHLORDANE	N/A	I	N/A	I	N/A	I
TOXAPHENE	N/A	I	N/A	I	N/A	I
AROCLOR-1016	N/A	I	N/A	I	N/A	I
AROCLOR-1221	N/A	I	N/A	I	N/A	I
AROCLOR-1232	N/A	I	N/A	I	N/A	I
AROCLOR-1242	N/A	I	N/A	I	N/A	I
AROCLOR-1248	N/A	I	N/A	I	N/A	I
AROCLOR-1254	N/A	I	N/A	I	N/A	I
AROCLOR-1260	N/A	I	N/A	I	N/A	I

TITLE: SYNTEX
LAB: RAD
ANALYST/ENTRY: LT

MATRIX: WATER
METHOD: 9302M01
REVIEWER: GCS

UNITS: UG/L
CASE: 5876
DATE: 6-17-86

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	COMPOUND NAME**	FRACTION	EST.	CONC.*
DK651001	METHYLBENZENE	BNA	8	J
DK651001	BROMOCYCLOHEXANE	BNA	2	J
DK651001	3,5,5-TRIMETHYL-1-HEXENE	BNA	1	J
DK651001	2-METHYL-PROPANOIC ACID BUTYL ESTER	BNA	2	J
DK651002	1,5-HEPTADIENE-3,4-DIOL,2,5-DIMETHYL	BNA	5	J
DK651002	4-FLUORO-1,1-BIPHENYL	BNA	50	J
DK651002	5-METHYL-1-HEXENE	BNA	47	J
DK651002	1,1-OXYBISBENZENE	BNA	12	J
DK651002	2 CYANIC ACID, PROPYL ESTERS	BNA	.4	J
DK651003	6-NITRO-2-PICOLINE	BNA	148	J
DK651003	N,N-DIMETHYLFORMAMIDE	BNA	265	J
DK651003	METHYLGUANIDINE	BNA	842	J
DK651003	ETHYLBENZENE	BNA	41	J
DK651003	PENTANOIC ACID	BNA	61	J
DK651003	2,2-DIMETHYL-1,3-PROPANEDIOL	BNA	36	J
DK651003	2,2'-BI-1,3-DIOXOLANE	BNA	45	J
DK651003	1,2-DICHLOROCYCLOHEXANE	BNA	47	J
DK651003	3-CHLOROPHENOL	BNA	151	J
DK651003	5-METHYL-1-HEXYNE	BNA	37	J
DK651003	TETRAHYDRO-2H-PYRAN-2-METHANOL	BNA	38	J
DK651003	2-METHYL-3-(1-METHYLETHYL)-OXIRANE	BNA	58	J
DK651003	1,1'-OXYBISBENZENE	BNA	115	J
DK651003	1,3-DINITRATE-1,2,3-PROPANETRIOL	BNA	784	J
DK651003	3-CHLOROCYCLOHEXENE	BNA	36	J
DK651001	2 UNKNOWNS	BNA	5-8	J
DK651002	5 UNKNOWNS	BNA	2-208	J
DK651003	5 UNKNOWNS	BNA	28-124	J

*This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

**The compounds were identified using a library search routine. Authentic standards have not been analyzed to verify compound mass spectra and retention times.

TITLE: SYNTEX
LAB: RAD
ANALYST/ENTRY: LT

MATRIX: WATER
METHOD: 9302M01
REVIEWER: GCS GCS

UNITS: UG/L
CASE: 5876
DATE: 6-17-86

TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	COMPOUND NAME**	FRACTION	EST.	CONC.*
DK651004	METHYLBENZENE	BNA	90	J
DK651004	N,N-DIMETHYLFORMAMIDE	BNA	190	J
DK651004	2 BUTANOIC ACIDS	BNA	32-176	J
DK651004	1,3-DIMETHYLBENZENE	BNA	111	J
DK651004	1,2-DIMETHYLBENZENE	BNA	50	J
DK651004	2,2-DIMETHYL-1,3-PROPANEDIOL	BNA	34	J
DK651004	HEXANOIC ACID	BNA	327	J
DK651004	2,2'-BI-1,3-DIOXOLANE	BNA	49	J
DK651004	2,2'-THIOBISETHANOL	BNA	726	J
DK651004	3-CHLOROPHENOL	BNA	56	J
DK651004	5-METHYL-1-HEXYNE	BNA	46	J
DK651004	2,5-DIMETHYL-1,5-HEPTADIENE-3,4-DIOL	BNA	43	J
DK651004	1,1'-OXYBISBENZENE	BNA	74	J
DK651005	2,5-DIMETHYLTETRAHYDROFURAN	BNA	12	J
DK651006F	METHYLBENZENE	BNA	8	J
DK651006F	TRANS-4-CHLOROCYCLOHEXANOL	BNA	14	J
DK651006F	TRANS-1,2-DICHLOROCYCLOHEXANE	BNA	5	J
DK651004	6 UNKNOWNS	BNA	27-854	J
DK651005	2 UNKNOWNS	BNA	1-4	J
DK651007F	2 UNKNOWNS	BNA	1-4	J

*This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

**The compounds were identified using a library search routine. Authentic standards have not been analyzed to verify compound mass spectra and retention times.

REGION VII - SUPERFUND SITE LIST

SITE/SPILL IDENTIFIER NUMBERS	REQUESTED BY	DATE ISSUED	SITE NAME AND LOCATION	CURRENT STATUS	ACTIVITY #	PROJECT #
8W	Paul Doherty SINV/EP&R/ENSV	6/10/86	Manchester Drum Site Kansas City, Missouri	Removal	AKC8W	A32
8X	Paul Doherty SINV/EP&R/ENSV	6/18/86	Paris and Sons Masonville, Iowa	Remedial	AKJ8X	A36
8Y	Paul Doherty SINV/EP&R/ENSV	7/2/86	J.R. Bliss Property Ellisville, Missouri	Remedial	AKJ8Y	A30
8Z	Paul Doherty SINV/EP&R/ENSV	7/9/86	Des Moines Air National Guard Des Moines, Iowa	Remedial	AEJ8Z	A35
9A	Paul Doherty SINV/EP&R/ENSV	7/9/86	Fort Des Moines Des Moines, Iowa	Remedial	AEJ9A	A35
9B	Paul Doherty SINV/EP&R/ENSV	7/10/86	Johnson Street Dump Keokuk, Iowa	Remedial	AEJ9B	A36
9C	Paul Doherty SINV/EP&R/ENSV	7/10/86	Grimes Property Keokuk, Iowa	Remedial	AEJ9C	A36
9D	Paul Doherty SINV/EP&R/ENSV	7/10/86	Keokuk Landfill Keokuk, Iowa	Remedial	AEJ9D	A36
9E	Paul Doherty SINV/EP&R/ENSV	7/10/86	North High School Des Moines, Iowa	Remedial	AEJ9E	A36
9F	Paul Doherty SINV/EP&R/ENSV	7/10/86	Belmond Dump Belmond, Iowa	Remedial	AEJ9F	A36
9G	Paul Doherty SINV/EP&R/ENSV	7/10/86	Cadmus Corporation St. Charles, Missouri	Remedial	AEJ9G	A36
9H	Paul Doherty SINV/EP&R/ENSV	7/10/86	Nebraska Site #1 Halsey, Nebraska	Remedial	AEJ9H	A36
9J	Paul Doherty SINV/EP&R/ESNV	7/10/86	Nebraska Site #2 Halsey, Nebraska	Remedial	AEJ9J	A36
9K	Paul Doherty SINV/EP&R/ENSV	7/10/86	MacArthur Park St. Joseph, Missouri	Overview Clean up	AEJ9K	A38