UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

JDB
Site: Syntex Verona
ID #: MOD007452154
Break: 3.3
Other: EPA
12-9-86
0751

DATE: December 9, 1986

MEMORANDUM

SUBJECT: Syntex Facility, Verona, Missouri

FROM: Charles P. Hensley CPH
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
- _

40032211
SUPERFUND RECORDS

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

Attachments

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

RECEIVED
DEC 18 1986
E&E K.C.K.

John C. Wicklund
Director, ENSV

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

Date: 12/8/86

MEMORANDUM

SUBJECT: Data Transmittal for Activity #: F K651,
Site Description: Syntex Facility

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

TO: Charles P. Hensley
Acting Chief, Emergency Planning and Response Branch, ENSV

ATTN: _____

Attached is the data transmittal for the above referenced site. This should be considered a ___ Partial ___ Corrected X Complete data transmittal (completes transmittal of _____). If you have any questions or comments, please contact D. Simmons at 236-3881.

Attachments

cc: Data File

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: 7 Day: 15 Time: 1345 Leader: N. KEPKO

Sample Number: FK651001 SMO #:

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

Sample Split (circle one): (YES) (NO) NK

Sample Container	Tag Color	Preservative	Analysis Requested
8Ooz JUG	BLUE	ICE	TCDD
8Ooz JUG	PURPLE	ICE	B/N A
8Ooz JUG	PURPLE	ICE	PESTICIDES

Depth:_____ Pan #:_____ Aliquots:_____

Samplers: Steve Hennigh
Barry Haynie

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well # 1

Bottle lot # A6118032

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: 7 Day: 15 Time: 1805 Leader: N. KEPKO

Sample Number: FK651002 SMO #:

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

Sample Split (circle one): (YES) NO

Sample Container	Tag Color	Preservative	Analysis Requested
80oz JUG	BLUE	ICE	TCDD
80oz JUG	PURPLE	ICE	B/N A
80oz JUG	PURPLE	ICE	PESTICIDES

Depth:_____ Pan #:_____ Aliquots:_____

Samplers: Steve Hennigh
Barry Haynie

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well # 5

Bottle lot # A6118032

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: 7 Day: 15 Time: 1550 Leader: N. KEPKO

Sample Number: FK651003 SMO #:

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

Sample Split (circle one): (YES) NO

Sample Container	Tag Color	Preservative	Analysis Requested
80oz JUG	BLUE	ICE	TCDD
80oz JUG	PURPLE	ICE	B/N A
80oz JUG	PURPLE	ICE	PESTICIDES

Depth:_____ Pan #:_____ Aliquots:_____

Samplers: Steve Hennigh
Barry Haynie

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well # 6

Bottle lot # 15338292
15350012
A6099062

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: 7 Day: 15 Time: 1615 Leader: N. KEPKO

Sample Number: FK651004 SMO #:

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

Sample Split (circle one): (YES) NO

Sample Container	Tag Color	Preservative	Analysis Requested
80oz JUG	BLUE	ICE	TCDD
80oz JUG	PURPLE	ICE	B/N A
80oz JUG	PURPLE	ICE	PESTICIDES

Depth:_____ Pan #:_____ Aliquots:_____

Samplers: Steve Hennigh
Barry Haynie

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well # 7

Bottle lot # A6118032
A6099062

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: 7 Day: 15 Time: 1705 Leader: N. KEPKO

Sample Number: FK651005 SMO #:

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

Sample Split (circle one): (YES) NO

Sample Container	Tag Color	Preservative	Analysis Requested
80oz JUG	BLUE	ICE	TCDD
80oz JUG	PURPLE	ICE	B/N A
80oz JUG	PURPLE	ICE	PESTICIDES

Depth:_____ Pan #:_____ Aliquots:_____

Samplers: Steve Hennigh
Barry Haynie

COMMENTS OF FIELD PERSONNEL

Site Description: Monitoring Well # 8

Bottle lot # A6118032

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: 7 Day: 15 Time: 1830 Leader: N. KEPKO

Sample Number: FK651006F — SMO #:

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

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
80oz JUG	BLUE	ICE	TCDD
80oz JUG	PURPLE	ICE	B/N A
80oz JUG	PURPLE	ICE	PESTICIDES

Depth: _____ Pan #: _____ Aliquots: _____

Samplers: Steve Hennigh

COMMENTS OF FIELD PERSONNEL

Site Description: Field Blank collected by decontaminating the well wizard pump from monitoring well # 1 and then pumping distilled DI water from a laboratory cleaned glass pickel jar.

Bottle lot # A6U8022
A6099052

IBM-PC

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

12/1/86

MEMORANDUM

Synlab dropped 7/16/86

SUBJECT: Overdue Data for Activity FK651

FROM: Robert D. Kleopfer, Ph.D.
Acting Chief, Laboratory Branch, ENSV

TO: Bunn

Our records show that certain data are overdue as highlighted below. Contact the Laboratory Branch data coordinator for specific details. Please respond in one of the following ways (check one):

[] Requested data were submitted on _____.

[] Requested data will be submitted by _____. Give explanation below.

[✓] Requested data will not be submitted. Give explanation below.

Data which are overdue:
Semivolatile for sample #4 UBT
(on rerun list for ≈ 2 months)

Explanation:
Past holding time. Will not be getting additional data.

DATE: September 4,1986

MEMORANDUM

SUBJECT: DIOXIN DATA TRANSMITTAL FOR FK651
SITE: SYNTEX PROPERTY

FROM: ROBERT D. KLEOPFER RDK
ACTING CHIEF, LABORATORY BRANCH, ENSV

TO: CHARLES HENSLEY
CHIEF, EP&R-ENSV

The following are the data results for FK651.

This data represents a [ ] PARTIAL [X] COMPLETE transmittal.

SITE	EPA NO	VALUE	C	V	UNITS	SAMPLED	DESCRIPTION
SYN	FK651001	1.800	U	V	NG/L	07/15/86	WATER MONITORING WELL #1
SYN	FK651002	1.000	U	V	NG/L	07/15/86	WATER MONITORING WELL #5
SYN	FK651003	1.000	U	V	NG/L	07/15/86	WATER MONITORING WELL #6
SYN	FK651004	1.000	U	V	NG/L	07/15/86	WATER MONITORING WELL #7
SYN	FK651005	1.000	U	V	NG/L	07/15/86	WATER MONITORING WELL #8
SYN	FK651006F	1.000	U	V	NG/L	07/15/86	WATER FIELD BLANK:DECON.WELL PUMP FROM M.W.#1-FLUSH W/DDI-H2O FROM LAB CLEAN
SYN	FK651007F	1.000	U	V	NG/L	07/15/86	WATER BLANK QC

ALYSIS TYPE: NIVOLATILES (PAGE 1)

TITLE: SYNTEX
LAB: UBTL
SAMPLE PREP:_____ ANALYST/ENTRY: E41

MATRIX: WATER
METHOD: 9302M01
REVIEWER:

UNITS: UG/L
CASE: 6192
DATE: 08/29/86

SAMPLE NUMBERS

COMPOUND	FK651001		FK651002		FK651003		FK651005	
PHENOL	10.0	U	10.0	U	10.0	U	10.0	U
BIS(2-CHLOROETHYL) ETHER	10.0	U	10.0	U	10.0	U	10.0	U
2-CHLOROPHENOL	10.0	U	10.0	U	10.0	U	10.0	U
1,3 DICHLOROBENZENE	10.0	U	10.0	U	10.0	U	10.0	U
1,4 DICHLOROBENZENE	10.0	U	20.0		150		10.0	U
BENZYL ALCOHOL	10.0	U	10.0	U	10.0	U	10.0	U
1,2 DICHLOROBENZENE	10.0	U	10.0	U	17.0		10.0	U
2-METHYLPHENOL	10.0	U	10.0	U	10.0	U	10.0	U
BIS(2-CHLOROISOPROPYL)ETHER	10.0	U	10.0	U	10.0	U	10.0	U
4-METHYLPHENOL	10.0	U	10.0	U	51.0		10.0	U
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	10.0	U	10.0	U	10.0	U
2,4-DIMETHYLPHENOL	10.0	U	10.0	U	10.0	U	10.0	U
BENZOIC ACID	50.0	U	50.0	U	41.0	M	50.0	U
BIS(2-CHLOROETHOXY) METHANE	10.0	U	10.0	U	10.0	U	10.0	U
2,4 DICHLOROPHENOL	10.0	U	10.0	U	10.0	U	10.0	U
1,2,4-TRICHLOROBENZENE	10.0	U	10.0	U	31.0		10.0	U
NAPHTHALENE	10.0	U	10.0	U	10.0	U	10.0	U
4-CHLOROANILINE		I		I		I		I
HEXACHLOROBUTADIENE	10.0	U	10.0	U	10.0	U	10.0	U
4-CHLORO-3-METHYLPHENOL	10.0	U	10.0	U	10.0	U	10.0	U
2-METHYLNAPHTHALENE	10.0	U	10.0	U	2.80	M	10.0	U
HEXACHLOROCYCLOPENTADIENE	10.0	U	10.0	U	10.0	U	10.0	U
2,4,6-TRICHLOROPHENOL	10.0	U	10.0	U	10.0	U	10.0	U
2,4,5-TRICHLOROPHENOL	50.0	U	50.0	U	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		I		I		I		I
ACENAPHTHENE	10.0	U	10.0	U	10.0	U	10.0	U
2,4-DINITROPHENOL	50.0	U	50.0	U	50.0	U	50.0	U
4-NITROPHENOL	50.0	U	50.0	U	50.0	U	50.0	U
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)

TITLE: SYNTEX
LAB: UBTL
SAMPLE PREP:_____ ANALYST/ENTRY: E42

MATRIX: WATER
METHOD: 9302M01
REVIEWER:

UNITS: UG/L
CASE: 6192
DATE: 08/29/86

SAMPLE NUMBERS

COMPOUND	FK651001		FK651002		FK651003		FK651005	
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	50.0	U	50.0	U	50.0	U
N-NITROSODIPHENYLAMINE	10.0	U	10.0	U	10.0	U	10.0	U
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	50.0	U	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 TITLE: SEMIVOLATILES (PAGE 1)

TITLE: SYNTEX
LAB: UBTL
SAMPLE PREP:_____ ANALYST/ENTRY: E41

MATRIX: WATER
METHOD: 9302M01
REVIEWER: [illegible]

UNITS: UG/L
CASE: 6192
DATE: 08/29/86

SAMPLE NUMBERS

FK651006F

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

ANALYSIS TYPE: SEMIVOLATILES (PAGE 2)

TITLE: SYNTEX
LAB: UBTL
SAMPLE PREP:_____ ANALYST/ENTRY: E42

MATRIX: WATER
METHOD: 9302M0
REVIEWER: CS

UNITS: UG/L
CASE: 6192
DATE: 08/29/86

SAMPLE NUMBERS

FK651006F

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

ANALYSIS TYPE: PESTICIDES

TITLE: SYNTEX
LAB: UBTL
SAMPLE PREP:_____ ANALYST/ENTRY: E43

MATRIX: WATER
METHOD: 9302M01
REVIEWER:

UNITS: UG/L
CASE: 6192
DATE: 08/29/86

SAMPLE NUMBERS

COMPOUND	FK651001		FK651002		FK651003		FK651004	
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.26	
BETA-BHC	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-BHC	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U
CHLORDANE	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1016	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR-1221	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR-1232	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR-1242	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR-1248	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR-1254	1.00	U	1.00	U	1.00	U	1.00	U
AROCLOR-1260	1.00	U	1.00	U	1.00	U	1.00	U

ANALYSIS TYPE: PESTICIDES

TITLE: SYNTEX
LAB: UBTL
SAMPLE PREP:_____ ANALYST/ENTRY: E43

MATRIX: WATER
METHOD: 9302M01
REVIEWER:

UNITS: UG/L
CASE: 6192
DATE: 08/29/86

SAMPLE NUMBERS

COMPOUND	FK651005		FK651006F	
ALPHA-BHC	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U
GAMMA-BHC	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U
ALDRIN	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U
ENDOSULFAN I	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U
ENDOSULFAN II	0.1	U	0.1	U
4,4'-DDD	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U
METHOXYCHLOR	0.5	U	0.5	U
CHLORDANE	0.5	U	0.5	U
TOXAPHENE	1.00	U	1.00	U
AROCLOR-1016	0.5	U	0.5	U
AROCLOR-1221	0.5	U	0.5	U
AROCLOR-1232	0.5	U	0.5	U
AROCLOR-1242	0.5	U	0.5	U
AROCLOR-1248	0.5	U	0.5	U
AROCLOR-1254	1.00	U	1.00	U
AROCLOR-1260	1.00	U	1.00	U

TITLE: SYNTEX
LAB: UBTL
ANALYST/ENTRY: LT

MATRIX: WATER
METHOD: 9302M01
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TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.	COMPOUND NAME**	FRACTION	EST.	CONC.*
FK651001	NOTHING SIGNIFICANT FOUND	BNA		
FK651002	CHLOROBENZENE	BNA	20	J
FK651003	BENZENE PROPANOIC ACID	BNA	21	J
FK651003	1,1'-OXYBISBENZENE	BNA	222	J
FK651005	NOTHING SIGNIFICANT FOUND	BNA		
FK651002	5 UNKNOWNS	BNA	8.3-105	J
FK651003	18 UNKNOWNS	BNA	7.2-595	J
FK651006F	2 UNKNOWNS	BNA	15.6-18.0	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.

Case No.: 6192 Laboratory: UBTL

Contract No.: 68-01-7013 Method No.: 9302M01

SMO No.: GB380-GB386 EPA No.: FK651

Site: Syntex Matrix: Water

We have reviewed the above case. The following are our findings:

1. The data were received on time. Analyses were requested for the contract organic BNA and pesticide fractions only. The case narrative was missing from the data package.

2. Two acid surrogate recoveries exceeded control limits with one below 10% for sample FK651004/GB383. The laboratory has not reported the results of the reextraction and reanalysis as of the date of this memo.

3. Bis(2-ethylhexyl)phthalate was reported in the field blank, FK651006F/GB385. The data were qualified by the blank rules.

4. Several compounds exceeded initial and continuing calibration data review control limits. The data were qualified by the calibration rules.

5. An OCLP028402 audit was introduced as sample FK651900P/GB386. N-nitroso-di-n-propylamine was not reported in the BNA fraction. Upon inspection of the raw data, a value of 450 ug/L was calculated from the GC/MS quant. report. The identification of this compound was not confirmed because no mass spectrum was supplied. PCB 1254 was reported in the pesticide fraction, however only PCB 1260 was spiked.