ATTACHMENT #3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL SERVICES DIVISION
REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: AUG 3 1993

MEMORANDUM

SUBJECT: Data Transmittal for Activity #: KTX25
Site Description: Dee Homes TCE

FROM: Andrea Jirka
Chief, LABO/ENSV

TO: Ron McCutcheon
Chief, EP&R/ENSV

ATTN: Mark Thomas

Attached is the data transmittal for the above-referenced site. The data contained in this transmittal have been approved by the Laboratory Branch. This should be considered a ____ Partial or X Complete data transmittal (completes transmittal of KTX25 dated 7/27/93. The Project Leader should notify the Laboratory Branch within 14 days of any changes in the LAST analytical database. If you have any questions, comments, or data changes, please contact Dee Simmons at 551-5129.

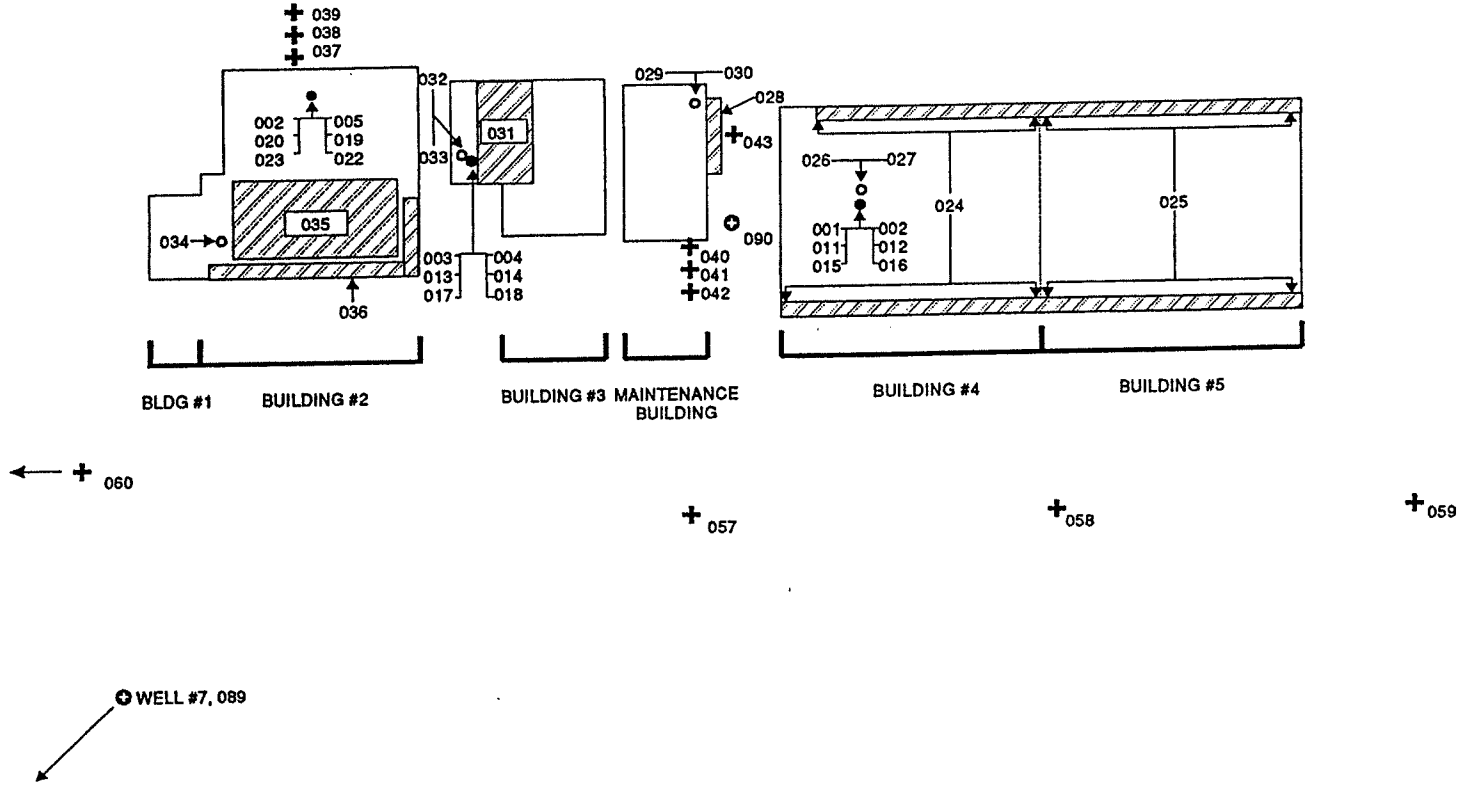
Attachment

cc: Analytical Data Files

D0140

Des Moines TCE
Des Moines, Iowa
TDD: T079304-006
PAN: EIA0028SBA

D0141



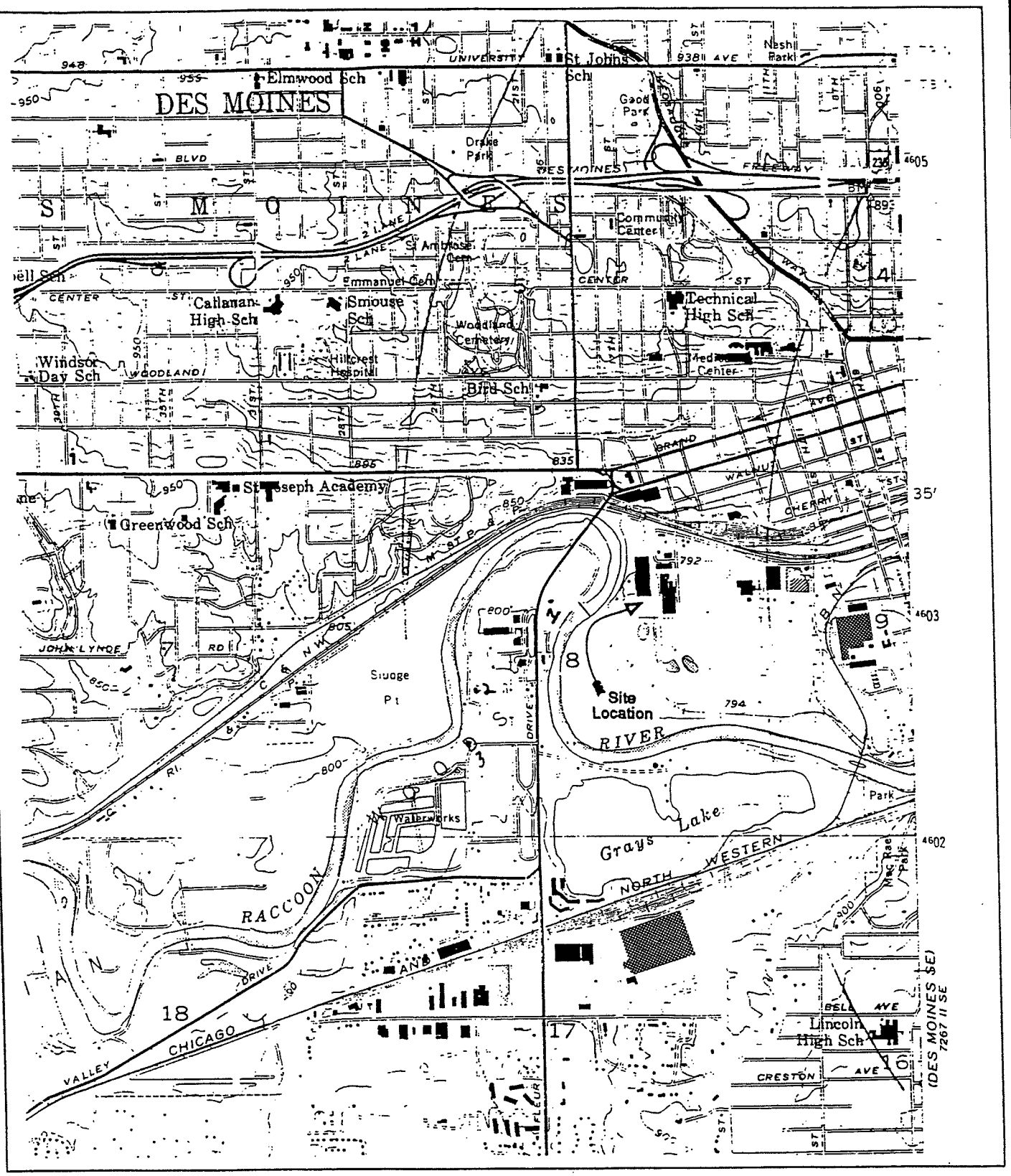
N

LEGEND

- Groundwater Well
- Concrete Sample Location
- Wipe Sample Location
- Dust Sample Location
- Soil Sample Location
- KTX25 Sample Series

scale
1 inch = 0.6 kilometer

Prepared by:
Ecology and Environment, Inc.
June 1993



N

Approximate Scale in Feet

0 4,000

1,000 2,000

USGS 7.5 Minute Topographic
Des Moines SW Quadrangle

Des Moines TCE
Des Moines, Iowa

Prepared by:
Randy Schademann
Ecology & Environment, Inc.
April 1993
TDD: T07-9304-006
PAN: EIA0028SAA

TABLES

DRAFT

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

FY: 93 ACTNO: KTX25 SAMNO: 001 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Bldg #4 - Floor
LOCATION: / IA
CASE/BATCH/SMO: __/__/__ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	05/18/93	09:30	EAST: ____
END:	__/__/__	__:__	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
8 OZ GLASS	COOL (4 C)	HD03	DIOXIN, 2378-TETRACHLORODI

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

The floor of bldg #4 near former mixing tank -

2,500 cm² - prior to cleaning floor

- See KTX25 011, & 015

SAMPLE COLLECTED BY : Thomas

D0144

)RAFT

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

FY: 93 ACTNO: KTX25 SAMNO: 002 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Bldg #4 - Floor
LOCATION: _____ IA
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	05/18/93	09:00	EAST: ____
END:	__/__/__	__:__	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
8 OZ GLASS	COOL (4 C)	HD03	DIOXIN, 2378-TETRACHLORODI

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

1230 5/18/93
Near ~~Smoke~~ KTX25001 - After decon

See KTX25012 ; 016

SAMPLE COLLECTED BY : _____

D0145

RAFT

FIELD SHEET

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

Y: 93 ACTNO: KTX25 SAMNO: 003 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

CTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
OCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

AMPLE DES: Floor of Bldg #3 DATE TIME FROM REF PT
OCATION: _____ IA BEG: 05/18/93 14:30 EAST: ____
ASE/BATCH/SMO: ____/__/____ LAB: ___ END: __/__/__ __:__ NORTH: ____
TORET/AIRS NO: _____ DOWN: ____

NALYSIS REQUESTED:

ONTAINER	PRESERVATIVE	MGP	NAME
OZ GLASS	COOL (4 C)	HD03	DIOXIN, 2378-TETRACHLORODI

OMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

2,500 cm^2 area from floor of Bldg #3 (NW corner) near former mixing area.

See also KTX25 013 & 017

SAMPLE COLLECTED BY : Thomas

D0146

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 004 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: W. pr of floor of Bld, #3
LOCATION: IA
CASE/BATCH/SMO: __/__/__ LAB: __
STORET/AIRS NO: __

	DATE	TIME	FROM REF PT
BEG:	05/18/93	15:05	EAST:
END:	__/__/__	__:__	NORTH:
			DOWN:

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
8 OZ GLASS	COOL (4 C)	HD03	DIOXIN, 2378-TETRACHLORODI

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

~500 cm^2 area of floor of bldg #3 -

near location of KTX25003 - ~~after~~ decon

See also KTX25014 and 018

SAMPLE COLLECTED BY : Thomas

D0147

RAFT

FIELD SHEET

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

Y: 93 ACTNO: KTX25 SAMNO: 011 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

CTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
OCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

AMPLE DES: Bld. #4 - Floor DATE TIME FROM REF PT
OCATION: IA BEG: 05/19/93 08:30 EAST:
ASE/BATCH/SMO: / / LAB: END: / / : : NORTH:
TORET/AIRS NO: DOWN:

NALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
8 OZ GLASS	COOL (4 C)	HQ17	2,4-D, WIPE
8 OZ GLASS	COOL (4 C)	HQ19	2,4,5-T, WIPE

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: OPERABLE UNIT:

The floor of bldg #4 near former location of mixing tank - 100 cm^2 - prior to cleaning

See KTX25001 ; 015

SAMPLE COLLECTED BY : Thomas

D0148

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 012 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: ___ __ __

SAMPLE DES: 1312, # 4 - Floor DATE TIME FROM REF PT
LOCATION: _____ IA BEG: 05/18/93 09:00 EAST: ____
CASE/BATCH/SMO: ____/_/____ LAB: ___ END: __/__/__ __:__ NORTH: ____
STORET/AIRS NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
8 OZ GLASS	COOL (4 C)	HQ17	2,4-D, WIPE
8 OZ GLASS	COOL (4 C)	HQ19	2,4,5-T, WIPE

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

near KTX25011 - After decon

See KTX25002 & 016

SAMPLE COLLECTED BY : Thomas

D0149

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 013 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Floor of Bldg #3.
LOCATION: _____ IA
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	5/18/93	14:30	EAST: ____
END:	__/__/__	__:__	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
8 OZ GLASS	COOL (4 C)	HQ17	2,4-D, WIPE
8 OZ GLASS	COOL (4 C)	HQ19	2,4,5-T, WIPE

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

100 cm^2 from floor of Bldg #3 near former mixing area.

See also KTX25 002 & 017

SAMPLE COLLECTED BY : Thomas

D0150

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 014 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: wipe of floor of bld, #3
LOCATION: _____ IA
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	05/18/93	15:25	EAST: ____
END:	__/__/__	__:__	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
8 OZ GLASS	COOL (4 C)	HQ17	2,4-D, WIPE
8 OZ GLASS	COOL (4 C)	HQ19	2,4,5-T, WIPE

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

100 cm² of floor of bldg #3 - near location of KTX25013 - after decon

see also KTX25-0014 and 013

SAMPLE COLLECTED BY : Thomas

D0151

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 015 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Bldg #4 - Floor
LOCATION: / IA
CASE/BATCH/SMO: / / LAB:
STORET/AIRS NO:

DATE TIME FROM REF PT
BEG: 05/18/93 09:30 EAST:
END: __/__/__ __:__ NORTH:
DOWN:

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
WIPE/8 OZ GLASS	COOL (4 C)	H94	HAZARDOUS PESTICIDES (WIPE
8 OZ GLASS	COOL (4 C)	HQ05	ALDRIN, WIPE
8 OZ GLASS	COOL (4 C)	HQ06	DIELDRIN, WIPE

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

The floor of bldg #4 near location of former mixing tank - 100 in^2 - prior to cleaning floor

-see KTX25 001 : 011

SAMPLE COLLECTED BY : _____

D0152

)RAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 016 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: ~~B4~~ B14 #4-Floor
LOCATION: _____ IA
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	05/18/13	09:00	EAST: ____
END:	__/__/__	__:__	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
WIPE/8 OZ GLASS	COOL (4 C)	H94	HAZARDOUS PESTICIDES (WIPE
8 OZ GLASS	COOL (4 C)	HQ05	ALDRIN, WIPE
8 OZ GLASS	COOL (4 C)	HQ06	DIELDRIN, WIPE

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Near KTX25=15 - After decon

See KTX23-00L, 012

SAMPLE COLLECTED BY : Thomas

D0153

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 017 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Floor of Bldg #3 DATE TIME FROM REF PT
LOCATION: _____ / IA BEG: 05/12/93 14:30 EAST: ____
CASE/BATCH/SMO: ____/__/____ LAB: ___ END: __/__/__ __:__ NORTH: ____
STORET/AIRS NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
WIPE/8 OZ GLASS	COOL (4 C)	H94	HAZARDOUS PESTICIDES (WIPE
8 OZ GLASS	COOL (4 C)	HQ05	ALDRIN, WIPE
8 OZ GLASS	COOL (4 C)	HQ06	DIELDRIN, WIPE

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

100 cm^2 area from floor of Bldg #3 near former mixing area

See also KTX25 003 ; 013

SAMPLE COLLECTED BY : Thomas

D0154

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 018 QCC: _ MEDIA: HAZWST PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: wipe of floor of Bldg #3 DATE TIME FROM REF PT
LOCATION: _____ IA BEG: 05/18/93 15:25 EAST: ____
CASE/BATCH/SMO: ____/__/____ LAB: ___ END: __/__/__ __:__ NORTH: ____
STORET/AIRS NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
WIPE/8 OZ GLASS	COOL (4 C)	H94	HAZARDOUS PESTICIDES (WIPE
8 OZ GLASS	COOL (4 C)	HQ05	ALDRIN, WIPE
8 OZ GLASS	COOL (4 C)	HQ06	DIELDRIN, WIPE

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

100 cm² area of floor of Bldg #3 -
near location of KTX25 017 - after decon
see also KTX25004 & 014

SAMPLE COLLECTED BY : Thomas

D0155

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 024 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Bld. #4 - Dust
LOCATION: _____ IA
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	5/18/93	08:30	EAST: ____
END:	__/__/__	__:__	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP SP	NAME
~~GLASS~~	~~NONE~~	~~SP~~	~~PESTICIDES~~
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH03	2,4,5-T ~~(SILVEX)~~ RSS 5/18/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

~~Add 5/27/93 to Selich TK~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Dust collected from the ledge - approximately 4 feet above the concrete - on the east and west sides of the building #4.

SAMPLE COLLECTED BY : Haken

D0156

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 025 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Bldg #5 - Dust
LOCATION: _____ IA
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

DATE TIME FROM REF PT
BEG: 5/18/93 09:00 EAST: ____
END: __/__/__ __:__ NORTH: ____
DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
~~GLASS~~	~~NONE~~	~~SP~~	~~PESTICIDES~~
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH02	2,4,5-T ~~(SILVEX)~~ RJS 5/18/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	SD01	~~DIOXIN, 2378-TETRACHLORODI~~

~~Hold SGCT Indefinite~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Dust collected from the ledge - approximately 4 feet above the concrete on the east and west sides of bldg #5.

SAMPLE COLLECTED BY : Helen

D0157

)RAFT

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

FY: 93 ACTNO: KTX25 SAMNO: 026 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Bldg #4 - floor concrete DATE TIME FROM REF PT
LOCATION: _____ IA BEG: 05/18/93 10:00 EAST: ____
CASE/BATCH/SMO: ____/__/____ LAB: ___ END: __/__/__ __:__ NORTH: ____
STORET/AIRS NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
GLASS	NONE	SP	PESTICIDES
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH03	2,4,5-TP~~(SILVEX)~~ 125 5/18/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

~~total Soil to follow~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Floor concrete of Bldg #4 near mixing tank - prior to cleaning.

SAMPLE COLLECTED BY : Hyden / Thimes

D0158

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 027 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Bld. #4 - floor concrete
LOCATION: _____ IA
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	05/8/93	10 #45	EAST: ____
END:	__/__/__	__:__	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
GLASS	NONE	SP	PESTICIDES
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH023	2,4,5-T~~P(SILVEX)~~ RJS 5/12/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

~~Add'l Soil for setting~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Floor concrete near KTX25016 - except after decon.

SAMPLE COLLECTED BY : Helen / Thomas

D0159

RAFT FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Y: 93 ACTNO: KTX25 SAMNO: 028 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

CTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __

OCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Mixing Area - maintenance bldg DATE TIME FROM REF PT

OCATION: ______ IA BEG: 05/18/93 11:15 EAST: ____

CASE/BATCH/SMO: ____/_/____ LAB: ___ END: __/__/__ __:__ NORTH: ____

STORET/AIRS NO: ______ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
~~GLASS~~	~~NONE~~	~~SP~~	~~PESTICIDES~~
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH0~~2~~3	2,4,5-TP ~~(SILVEX)~~ RIS 5/18/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

~~[illegible]~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Dust - Maintenance bldg - on the floor from the mixing area annex

SAMPLE COLLECTED BY : Holden

D0160

DRAFT FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. ~~KANSAS CITY, KS 66115~~

~~FY: 93 ACTNO: KTX25 SAMNO: 029 QCC: _ MEDIA: SOIL PL: THOMAS, MARK~~

~~ACTIVITY DES: DES MOINES TCE~~ REF LATITUDE: __ __ __

~~LOCATION: DES MOINES~~

DRAFT FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 93 ACTNO: KTX25 SAMNO: 029 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __

LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Maintenance bldg - South

LOCATION: ______ IA

CASE/BATCH/SMO: ___/_/___ LAB: ___

STORET/AIRS NO: ___

	DATE	TIME	FROM REF PT
BEG:	05/18/93	11:45	EAST: ___
END:	__/__/__	__:__	NORTH: ___
			DOWN: ___

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
GLASS	NONE	SP	PESTICIDES
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH0~~2~~5	2,4,5-T~~P(SILVEX)~~ RJS 5/18/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

~~[illegible]~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Concrete from the floor of the southern ½ of the maintenance bldg, near the mixing room annex - prior to cleaning

Collected by Thomas/Harden

D0161

DRAFT

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

FY: 93 ACTNO: KTX25 SAMNO: 030 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE — REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 — PT: LONGITUDE: __ __ __

SAMPLE DES: Maintenance bldg - South
LOCATION: ______ IA
CASE/BATCH/SMO: ___/_/___ LAB: ___
STORET/AIRS NO: ___

	DATE	TIME	FROM REF PT
BEG:	05/18/93	12:00	EAST: ___
END:	__/__/__	__:__	NORTH: ___
			DOWN: ___

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
GLASS	NONE	SP	PESTICIDES
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH0~~2~~3	2,4,5-T~~P(SILVEX)~~ 1253 5/18/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Concrete from floor of maintenance bldg (S. 1/2) near KTX25-029 - after decon

SAMPLE COLLECTED BY : Thomas / Holden

D0162

RAFT

FIELD SHEET

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

Y: 93 ACTNO: KTX25 SAMNO: 031 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

CTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
OCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

AMPLE DES: Dust from Bldg #3 DATE TIME FROM REF PT
OCATION: _____ IA BEG: 05/18/93 15:00 EAST: ____
ASE/BATCH/SMO: ____/__/____ LAB: ___ END: __/__/__ __:__ NORTH: ____
TORET/AIRS NO: _____ DOWN: ____

NALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
~~GLASS~~	~~NONE~~	~~SP~~	~~PESTICIDES~~
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH03	2,4,5-T~~P(SILVEX)~~ RJS 5/13/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

~~[illegible]~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Dust from the floor and ledge of the northernmost section of bldg #3.

SAMPLE COLLECTED BY : Haden

D0163

DRAFT

FIELD SHEET

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

FY: 93 ACTNO: KTX25 SAMNO: 032 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Floor of Bldg #3
LOCATION: _____ IA
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	05/18/93	15:15	EAST: ____
END:	__/__/__	__:__	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
GLASS	NONE	SP	PESTICIDES
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH023	2,4,5-T~~P(SILVEX)~~ RJS 5/18/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

~~circle Soil) Q2 Select K~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Concrete sample of floor and support of bldg #3 - at NW corner near former mixing area - prior to clearing

SAMPLE COLLECTED BY : Helen Thomas

D0164

DRAFT

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

FY: 93 ACTNO: KTX25 SAMNO: 033 QCC: _ MEDIA: SOIL PL: THOMAS, MARK

ACTIVITY DES: DES MOINES TCE REF LATITUDE: __ __ __
LOCATION: DES MOINES IA PROJECT NUM: A42 PT: LONGITUDE: __ __ __

SAMPLE DES: Concrete from floor of bldg #3 DATE TIME FROM REF PT
LOCATION: ____________ IA BEG: 05/18/93 15:40 EAST: ____
CASE/BATCH/SMO: ____/_/____ LAB: ___ END: __/__/__ __:__ NORTH: ____
STORET/AIRS NO: ______ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
GLASS	NONE	SP	PESTICIDES
GLASS	COOL (4 C)	SH01	2,4-D(DICHLOROPHENOXYACETI
GLASS	COOL (4 C)	SH0~~2~~3	2,4,5-TP ~~(SILVEX)~~ RJS 05/18/93
GLASS/PAINT CAN	COOL (4 C)	SD01	DIOXIN, 2378-TETRACHLORODI
~~GLASS/PAINT CAN~~	~~COOL (4 C)~~	~~SD01~~	~~DIOXIN, 2378-TETRACHLORODI~~

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Concrete from floor of Bldg #3,
near location of sample KTX25032,
after decon

SAMPLE COLLECTED BY : John Thomas

D0165

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)
MARK THOMAS.	DES MOINES TGE	18 / 5 / 93

CONTENTS OF SHIPMENT

SAMPLE NUMBER KTX25	TYPE OF CONTAINERS: CUBITAINER	BOTTLE (BCF)	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other		RECEIVING LABORATORY REMARKS-OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER											
C01		1								1	CONFLEES	
C02		1								1		
C03		1								1		
C04		1								1		
C11		1							F	1		
C12		1							F	1		
C13		1							F	1		
C14		1							F	1		
C15		1							F	1		
C16		1							F	1		
C17		1							F	1		
C18		1							F	1		
~~C25~~ C24		2								1		
~~C30~~ ~~C36~~ C25		2								1		
C26		3									1	
C27		3									1	
C28		2								1		
C29		3									1	
C30		3									1	
C31		2								1		
C32		3									1	
C33		3									1	
C34		3									1	
C35		2								1		

DESCRIPTION OF SHIPMENT

_____ PIECE(S) CONSISTING OF _____ BOX(ES)

_____ ICE CHEST(S): OTHER _____

MODE OF SHIPMENT

_____ COMMERCIAL CARRIER _____

_____ COURIER

_____ SAMPLER CONVEYED

_____ (SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTOD
[signature] ☐ SEALED ☐ UNSEALED	5/20/93	11 10	Nicole Rabb ☐ SEALED ☐ UNSEALED	Analysis
RELINQUISHED BY ☐ SEALED ☐ UNSEALED	DATE	TIME	RECEIVED BY ☐ SEALED ☐ UNSEALED	REASON FOR CHANGE OF CUSTOD
RELINQUISHED BY ☐ SEALED ☐ UNSEALED	DATE	TIME	RECEIVED BY ☐ SEALED ☐ UNSEALED	REASON FOR CHANGE OF CUSTOD

D0166

7-EPA-9262(Revised 5/85)

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)	SHEET
MARK THOMAS	DES MOINES TCE		2 of 3

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS: CUBITAINER	8 OZ BOTTLE	8 OZ BOTTLE	16 OZ BOTTLE	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS: OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
KTX25	NUMBERS OF CONTAINERS PER SAMPLE NUMBER									wipe	
036		3							1		
			5/19/93								
037		2					1				
038		2					1				
039		2					1				
040		3					1				
041		2					1				
042		2					1				
043		2					1				
057		3					1				
058		3					1				
059		3						1			
060		3					1				
089			1	2		1					
090			1	2		1					
091			1	2		1					
092 F			1	2		1					
005		1								1	
022		1								1	
019		1								1	
006		1								1	
023		1								1	
020		1								1	

DESCRIPTION OF SHIPMENT

_____ PIECE(S) CONSISTING OF _____ BOX(ES)

_____ ICE CHEST(S). OTHER _____

MODE OF SHIPMENT

_____ COMMERCIAL CARRIER: _____

_____ COURIER

_____ SAMPLER CONVEYED (SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
[signature] ☐ SEALED ☐ UNSEALED	5/20/93	11 10	[signature] ☐ SEALED ☐ UNSEALED	Analysis
RELINQUISHED BY ☐ SEALED ☐ UNSEALED	DATE	TIME	RECEIVED BY ☐ SEALED ☐ UNSEALED	REASON FOR CHANGE OF CUSTODY
RELINQUISHED BY ☐ SEALED ☐ UNSEALED	DATE	TIME	RECEIVED BY ☐ SEALED ☐ UNSEALED	REASON FOR CHANGE OF CUSTODY

D0167

7-EPA-9262(Revised 5/85)

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)	SHEET
MARK THOMAS	DES MOINES TCE		3 of 3

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS: CUBITAINER	BOTTLE	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
KTX25		BOF								wipe	
007F		1								X	
008F		1								X	
V021F		1								X	

DESCRIPTION OF SHIPMENT

_____ PIECE(S) CONSISTING OF _____ BOX(ES)

_____ ICE CHEST(S): OTHER _____

MODE OF SHIPMENT

_____ COMMERCIAL CARRIER: _____

_____ COURIER

_____ SAMPLER CONVEYED _____ (SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
Mark Thomas ☐ SEALED ☐ UNSEALED	5/20/93	11 10	Nicole Kalp ☐ SEALED ☐ UNSEALED	Chain
RELINQUISHED BY ☐ SEALED ☐ UNSEALED	DATE	TIME	RECEIVED BY ☐ SEALED ☐ UNSEALED	REASON FOR CHANGE OF CUSTODY
RELINQUISHED BY ☐ SEALED ☐ UNSEALED	DATE	TIME	RECEIVED BY ☐ SEALED ☐ UNSEALED	REASON FOR CHANGE OF CUSTODY

D0168

7-EPA-9262(Revised 5/85)

ANALYSIS REQUEST REPORT

FOR ACTIVITY: KTX25

08/03/93 10:45:57

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

ALL REAL SAMPLES AND FIELD Q.C.

THOMAS, MARK

* LABO APPROVED

FY: 93 ACTIVITY: KTX25 DESCRIPTION: DES MOINES TCE LOCATION: DES MOINES IOWA

STATUS: ACTIVE TYPE: SAMPLING - IN HOUSE ANALYSIS PROJECT: A42

LABO DUE DATE IS 6/19/93. REPORT DUE DATE IS 11/15/93.

INSPECTION DATE: 5/19/93 ALL SAMPLES RECEIVED DATE: 05/20/93

ALL DATA APPROVED BY LABO DATE: 08/03/93 FINAL REPORT TRANSMITTED DATE: 00/00/00

EXPECTED LABO TURNAROUND TIME IS 30 DAYS EXPECTED REPORT TURNAROUND TIME IS 180 DAYS

ACTUAL LABO TURNAROUND TIME IS 75 DAYS ACTUAL REPORT TURNAROUND TIME IS 0 DAYS

SITE CODE: 25 SITE: DICO (DES MOINES TCE)

D0169

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE # STATUS	CITY	STATE	AIRS/ STORET LOC NO	SECT	LAY-ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
001		H	BLDG. #4 - FLOOR	1	DES MOINES	IOWA				05/18/93	08:30	/ /	:
002		H	BLDG. #4 - FLOOR	1	DES MOINES	IOWA				05/18/93	09:00	/ /	:
003		H	BLDG. #3 - FLOOR	1	DES MOINES	IOWA				05/18/93	14:30	/ /	:
004		H	BLDG. #3 - FLOOR WIPE	1	DES MOINES	IOWA				05/18/93	15:05	/ /	:
005		H	BLDG. #2 - MAIN SPRINKLER	1	DES MOINES	IOWA				05/19/93	08:10	/ /	:
006		H	BLDG. #2 - MAIN SPRINKLER-POST	1	DES MOINES	IOWA				05/19/93	08:30	/ /	:
007	F	H	FIELD BLANK	1	DES MOINES	IOWA				05/19/93	09:00	/ /	:
008	F	H	FIELD BLANK	1	DES MOINES	IOWA				05/19/93	09:00	/ /	:
011		H	BLDG. #4 - FLOOR	1	DES MOINES	IOWA				05/18/93	08:30	/ /	:
012		H	BLDG. #4 - FLOOR	1	DES MOINES	IOWA				05/18/93	09:00	/ /	:
013		H	BLDG. #3 - FLOOR	1	DES MOINES	IOWA				05/18/93	14:30	/ /	:
014		H	BLDG. #3 - FLOOR WIPE	1	DES MOINES	IOWA				05/18/93	15:05	/ /	:
015		H	BLDG. #4 - FLOOR	1	DES MOINES	IOWA				05/18/93	08:30	/ /	:
016		H	BLDG. #4 - FLOOR	1	DES MOINES	IOWA				05/18/93	09:00	/ /	:
017		H	BLDG. #3 - FLOOR	1	DES MOINES	IOWA				05/18/93	14:30	/ /	:
018		H	BLDG. #3 - FLOOR WIPE	1	DES MOINES	IOWA				05/18/93	15:05	/ /	:
019		H	BLDG. #2 - MAIN SPRINKLER	1	DES MOINES	IOWA				05/19/93	08:10	/ /	:
020		H	BLDG. #2 - MAIN SPRINKLER-DECON	1	DES MOINES	IOWA				05/19/93	08:30	/ /	:
021	F	H	FIELD BLANK	1	DES MOINES	IOWA				05/19/93	09:00	/ /	:
022		H	BLDG. #2 - MAIN SPRINKLER	1	DES MOINES	IOWA				05/19/93	08:10	/ /	:
023		H	BLDG. #2 - MAIN SPRINKLER-POST	1	DES MOINES	IOWA				05/19/93	08:30	/ /	:
024		S	BLDG. #4 - DUST	1	DES MOINES	IOWA				05/18/93	08:30	/ /	:
025		S	BLDG. #5 - DUST	1	DES MOINES	IOWA				05/18/93	09:00	/ /	:

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDIN(

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE # STATUS	CITY	STATE	AIRS/ STORET LOC NO	SECT	LAY-ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
026		S	BLDG. #4 - FLOOR CONCRETE	1	DES MOINES	IOWA				05/18/93	10:00	/ /	
027		S	BLDG. #4 - FLOOR CONCRETE	1	DES MOINES	IOWA				05/18/93	10:45	/ /	
028		S	MIXING AREA	1	DES MOINES	IOWA				05/18/93	11:15	/ /	
029		S	MAINTENANCE BLDG - SOUTH	1	DES MOINES	IOWA				05/18/93	11:45	/ /	
030		S	MAINTENANCE BLDG - SOUTH	1	DES MOINES	IOWA				05/18/93	12:00	/ /	
031		S	DUST FROM BLDG #3	1	DES MOINES	IOWA				05/18/93	15:00	/ /	
032		S	FLOOR AT BLDG. #3	1	DES MOINES	IOWA				05/18/93	15:15	/ /	
033		S	CONCRETE FLOOR BLDG #3	1	DES MOINES	IOWA				05/18/93	15:40	/ /	
034		S	CONCRETE FLOOR BLDG #2	1	DES MOINES	IOWA				05/18/93	16:35	/ /	
035		S	DUST FROM FLOOR BLDG #2	1	DES MOINES	IOWA				05/18/93	16:35	/ /	
036		S	DUST BLDG #2	1	DES MOINES	IOWA				05/18/93	17:00	/ /	
037		S	BLDG #2	1	DES MOINES	IOWA				05/19/93	08:00	/ /	
038		S	BLDG #2 SOIL 9.5 FT.	1	DES MOINES	IOWA				05/19/93	08:20	/ /	
039		S	BLDG #2 SOIL 13.5 FT	1	DES MOINES	IOWA				05/19/93	08:45	/ /	
040		S	MAINENANCE BLDG 9 FT	1	DES MOINES	IOWA				05/19/93	09:00	/ /	
041		S	MAINTENANCE BLDG 14 FT	1	DES MOINES	IOWA				05/19/93	09:00	/ /	
042		S	MAINTENANCE BLDG 19 FT	1	DES MOINES	IOWA				05/19/93	09:15	/ /	
043		S	MIXING TANK 1.5 FT	1	DES MOINES	IOWA				05/19/93	09:30	/ /	
057		S	NEARWEST DRAINAGE NORTH	1	DES MOINES	IOWA				05/19/93	09:45	/ /	
058		S	NEARWEST DRAINAGE SOUTH	1	DES MOINES	IOWA				05/19/93	10:00	/ /	
059		S	NEARWEST DRAINAGE OUTFILL	1	DES MOINES	IOWA				05/19/93	10:20	/ /	
060		S	BACKGROUND	1	DES MOINES	IOWA				05/19/93	10:50	/ /	
089		W	WELL #7	1	DES MOINES	IOWA				05/14/93	11:30	/ /	
090		W	ALDRIN WELL	1	DES MOINES	IOWA				05/19/93	11:45	/ /	
091		W	DICO TAP	1	DES MOINES	IOWA				05/19/93	12:00	/ /	
092	F	W	FIELD BLANK	1	DES MOINES	IOWA				05/19/93	12:05	/ /	

D0170

EXPLANATION OF CODES AND INFORMATION ON ANALYSIS REQUEST DETAIL REPORT

SAMPLE INFORMATION:

SAMPLE NO. = SAMPLE IDENTIFICATION NUMBER (A -DIGIT NUMBER WHICH IN COMBINATION WITH THE ACTIVITY NUMBER AND QCC PROVIDES A UNIQUE NUMBER FOR EACH SAMPLE FOR IDENTIFICATION PURPOSES

QCC = QUALITY CONTROL CODE ... ONE-LETTER CODE USED ... DESIGNA... SAMPLE ... THIS FIELD ... BLANK FOR ACTUAL SAMPLES.

B = CAL INCREASED CONCENTRATION FOR A LAB SPIKED DUP SAMPLE
D = MEASURED VALUE FOR FIELD DUPLICATE SAMPLE
F = MEASURED VALUE FOR FIELD BLANK
G = MEASURED VALUE FOR METHOD STANDARD
H = TRUE VALUE FOR METHOD STANDARD
K = CAL INCREASED CONCENTRATION FOR FIELD SPIKED DUP SAMPLE
L = MEASURED VALUE FOR A LAB DUPLICATE SAMPLE
M = MEASURED VALUE FOR LAB BLANK
N = MEASURED CONCENTRATION OF FIELD SPIKED DUPLICATE
P = MEASURED VALUE FOR PERFORMANCE STANDARD
R = CAL INCREASED CONCENTRATION RESULTING FROM LAB SPIKE
S = MEASURED CONCENTRATION OF LAB SPIKED SAMPLE
T = TRUE VALUE OF PERFORMANCE STANDARD
W = MEASURED CONCENTRATION OF LAB SPIKED DUPLICATE
Y = MEASURED CONCENTRATION OF FIELD SPIKED SAMPLE
Z = CAL INCREASED CONCENTRATION RESULTING FROM FIELD SPIKE
1 = MEASURED VALUE OF FIRST SPIKED REPLICATE
2 = MEASURED VALUE OF SECOND SPIKED REPLICATE
3 = MEASURED VALUE OF THIRD SPIKED REPLICATE
4 = MEASURED VALUE OF FOURTH SPIKED REPLICATE
5 = MEASURED VALUE OF FIFTH SPIKED REPLICATE
6 = MEASURED VALUE OF SIXTH SPIKED REPLICATE
7 = MEASURED VALUE OF SEVENTH SPIKED REPLICATE

M = MEDIA CODE (A ONE-LETTER CODE DESIGNATING THE MEDIA OF THE SAMPLE):
A = AIR H = HAZARDOUS WASTE/OTHER
S = SOLID (SOIL, SEDIMENT, SLUDGE)
T = TISSUE (PLANT & ANIMAL)
W = WATER (GROUND WATER, SURFACE WATER, WASTE WATER, DRINKING WATER)

DESCRIPTION = A SHORT DESCRIPTION OF THE LOCATION WHERE SAMPLE WAS COLLECTED

AIRS/STORET LOC. NO. = THE SPECIFIC LOCATION ID NUMBER OF EITHER OF THESE NATIONAL DATABASE SYSTEMS, AS APPROPRIATE

DATE/TIME INFORMATION = SPECIFIC INFORMATION REGARDING WHEN THE SAMPLE WAS COLLECTED
BEG. DATE = DATE SAMPLING WAS STARTED
BEG. TIME = TIME SAMPLING WAS STARTED
END DATE = DATE SAMPLING WAS COMPLETED
END TIME = TIME SAMPLING WAS COMPLETED
NOTE: A GRAB SAMPLE WILL CONTAIN ONLY BEG. DATE/TIME
A TIMED COMPOSITE SAMPLE WILL CONTAIN BOTH BEG AND END DATE/TIME TO DESIGNATE DURATION OF SAMPLE COLLECTION

OTHER CODES: V = VALIDATED

ANALYTICAL RESULTS/MEASUREMENT INFORMATION

COMPOUND = MGP MEDIA-GROUP-PARAMETER ... THE MEASURED CONSTITUENT ... OF EACH SAMPLE

UNITS = SPECIFIC UNIT IN WHICH ... EC ... PC
C = ... DEGREES CENTIGRADE (CELSIUS)
CFS = CUBIC FEET PER SECOND
GPM = GALLONS PER MINUTE
IN = INCHES
I.D. = SPECIES IDENTIFICATION
KG = KILOGRAM
L = LITER
LB = POUNDS
MG = MILLIGRAMS (1 X 10-3 GRAMS)
MGD = MILLION GALLONS PER DAY
MPH = MILES PER HOUR
MV = MILLIVOLT
M/F = MALE/FEMALE
M2 = SQUARE METER
M3 = CUBIC METER
NA = NOT APPLICABLE
NG = NANOGRAMS (1 X 10-9 GRAMS)
NTU = NEPHELOMETRIC TURBIDITY UNITS
PC/L = PICO (1 X 10-12) CURRIES PER LITER
PG = PICOGRAMS (1 X 10-12 GRAMS)
P/CM2 = PICOGRAMS PER SQUARE CENTIMETER
SCM = STANDARD CUBIC METER (1 ATM, 25 C)
SQ FT = SQUARE FEET
SU = STANDARD UNITS (PH)
UG = MICROGRAMS (1 X 10-6 GRAMS)
UMHOS = MICROMHOS/CM (CONDUCTIVITY UNITS)
U/CC2 = MICROGRAMS PER 100 SQUARE CENTIMETERS
U/CM2 = MICROGRAMS PER SQUARE CENTIMETER
1000G = 1000 GALLONS
+/- = POSITIVE/NEGATIVE
= NUMBER

DATA QUALIFIERS = SPECIFIC CODES USED IN CONJUNCTION WITH DATA VALUES TO PROVIDE ADDITIONAL INFORMATION ON THE REPORTED RESULTS, OR USED TO EXPLAIN THE ABSENCE OF A SPECIFIC VALUE:
BLANK = IF FIELD IS BLANK, NO REMARKS OR QUALIFIERS ARE PERTINENT. FOR FINAL REPORTED DATA, THIS MEANS THAT THE VALUES HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE FOR USE.
I = INVALID SAMPLE/DATA - VALUE NOT REPORTED
J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES
K = ACTUAL VALUE OF SAMPLE IS < VALUE REPORTED
L = ACTUAL VALUE OF SAMPLE IS > VALUE REPORTED
M = DETECTED BUT BELOW THE LEVEL OF REPORTED VALUE FOR ACCURATE QUANTIFICATION
O = PARAMETER NOT ANALYZED
U = ACTUAL VALUE OF SAMPLE IS < THE MEASUREMENT DETECTION LIMIT (REPORTED VALUE)

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	001	002	003	004	005
HD03 DIOXIN, 2378-TETRACHLORODIBENZO-P, WIPE	PGCM2	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
ZZ01 SAMPLE NUMBER	NA	001	002	003	004	005
ZZ02 ACTIVITY CODE	NA	KTX25	KTX25	KTX25	KTX25	KTX25

D0172

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	006	007 F	008 F	011	012
HD03 DIOXIN, 2378-TETRACHLORODIBENZO-P, WIPE	PGCM2	0.40 U	0.40 U			
HQ17 2,4-D, WIPE	UGCM2			0.0120 U	0.166	0.0320
HQ19 2,4,5-T, WIPE	UGCM2			0.00200 U	0.00400	0.00200
ZZ01 SAMPLE NUMBER	NA	006	007	008	011	012
ZZ02 ACTIVITY CODE	NA	KTX25	KTX25	KTX25	KTX25	KTX25

D0173

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0174

COMPOUND	UNITS	013	014	015		016		017	
HC11 PCB - AROCLOR 1016, WIPE	UGCM2			0.00875	U	0.00875	U	0.00875	U
HC12 PCB - AROCLOR 1221, WIPE	UGCM2			0.00750	U	0.00750	U	0.00750	U
HC13 PCB - AROCLOR 1232, WIPE	UGCM2			0.00250	U	0.00250	U	0.00250	U
HC14 PCB - AROCLOR 1242, WIPE	UGCM2			0.00238	U	0.00238	U	0.00238	U
HC15 PCB - AROCLOR 1248, WIPE	UGCM2			0.00350	U	0.00350	U	0.00350	U
HC16 PCB - AROCLOR 1254, WIPE	UGCM2			0.00110	U	0.00110	U	0.00110	U
HC17 PCB - AROCLOR 1260, WIPE	UGCM2			0.00155	U	0.00155	U	0.00155	U
HQ01 BHC, ALPHA, WIPE	UGCM2			0.00001	U	0.00001	U	0.00001	U
HQ02 BHC, BETA, WIPE	UGCM2			0.00015	U	0.00015	U	0.00015	U
HQ03 BHC, DELTA, WIPE	UGCM2			0.00023	U	0.00023	U	0.00023	U
HQ04 BHC, GAMMA (LINDANE), WIPE	UGCM2			0.00104		0.00064		0.000558	
HQ05 ALDRIN, WIPE	UGCM2			0.0001	U	0.0218		0.00150	
HQ06 DIELDRIN, WIPE	UGCM2			0.440		0.479		0.00485	
HQ07 ENDOSULFAN I, BY GC/EC, WIPE	UGCM2			0.00023	U	0.00023	U	0.00023	U
HQ08 ENDOSULFAN II, BY GC/EC, WIPE	UGCM2			0.0558	J	0.00163	U	0.00163	U
HQ09 ENDOSULFAN SULFATE, BY GC/EC, WIPE	UGCM2			0.00018	U	0.00018	U	0.00018	U
HQ10 ENDRIN, WIPE	UGCM2			0.0238	J	0.0172	J	0.0004	U
HQ11 ENDRIN ALDEHYDE, BY GC/EC, WIPE	UGCM2			0.0001	U	0.0001	U	0.0001	U
HQ12 ENDRIN KETONE, BY GC/EC, WIPE	UGCM2			0.0188		0.0290		0.00013	U
HQ13 DDE, 4,4'-, WIPE	UGCM2			0.0232		0.00015	U	0.00193	
HQ14 DDD, 4,4'-, WIPE	UGCM2			0.0015	U	0.0124	J	0.0015	U
HQ15 DDT ,4,4'-, WIPE	UGCM2			0.00025	U	0.00025	U	0.00025	U
HQ16 TOXAPHENE, WIPE	UGCM2			0.0128	U	0.0128	U	0.0128	U
HQ17 2,4-D, WIPE	UGCM2	0.0390	0.349						
HQ19 2,4,5-T, WIPE	UGCM2	0.00360	0.00260						
HQ24 CHLORDANE, TECHNICAL, WIPE	UGCM2			0.971		0.904		0.0456	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	013	014	015	016	017
HQ25 HEPTACHLOR, WIPE	UGCM2			0.00269	0.00239	0.00210
HQ26 HEPTACHLOR EPOXIDE, WIPE	UGCM2			0.00729	0.0001 U	0.0001 U
HX15 METHOXYCHLOR, BY GC/EC (WIPE)	UGCM2			0.00545 J	0.00033 U	0.00907 J
HY53 CHLORDANE, ALPHA, WIPE	UGCM2			0.114	0.104	0.00545
ZZ01 SAMPLE NUMBER	NA	013	014	015	016	017
ZZ02 ACTIVITY CODE	NA	KTX25	KTX25	KTX25	KTX25	KTX25

D0175

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	018		019		020		021 F		022
HC11 PCB - AROCLOR 1016, WIPE	UGCM2	0.00875	U	0.00875	U	0.00875	U	0.00875	U	
HC12 PCB - AROCLOR 1221, WIPE	UGCM2	0.00750	U	0.00750	U	0.00750	U	0.00750	U	
HC13 PCB - AROCLOR 1232, WIPE	UGCM2	0.00250	U	0.00250	U	0.00250	U	0.00250	U	
HC14 PCB - AROCLOR 1242, WIPE	UGCM2	0.00238	U	0.00238	U	0.00238	U	0.00238	U	
HC15 PCB - AROCLOR 1248, WIPE	UGCM2	0.00350	U	0.00350	U	0.00350	U	0.00350	U	
HC16 PCB - AROCLOR 1254, WIPE	UGCM2	0.00110	U	0.00110	U	0.00110	U	0.00110	U	
HC17 PCB - AROCLOR 1260, WIPE	UGCM2	0.00155	U	0.00155	U	0.00155	U	0.00155	U	
HQ01 BHC, ALPHA, WIPE	UGCM2	0.00001	U	0.00303		0.000738		0.0001	U	
HQ02 BHC, BETA, WIPE	UGCM2	0.00015	U	0.00015	U	0.00015	U	0.00015	U	
HQ03 BHC, DELTA, WIPE	UGCM2	0.00023	U	0.00023	U	0.00023	U	0.00023	U	
HQ04 BHC, GAMMA (LINDANE), WIPE	UGCM2	0.00013	U	0.00013	U	0.00013	U	0.00013	U	
HQ05 ALDRIN, WIPE	UGCM2	0.0001	U	0.0467		0.00341		0.000718		
HQ06 DIELDRIN, WIPE	UGCM2	0.00015	U	0.0694		0.00383		0.00015	U	
HQ07 ENDOSULFAN I, BY GC/EC, WIPE	UGCM2	0.00023	U	0.00023	U	0.00023	U	0.00023	U	
HQ08 ENDOSULFAN II, BY GC/EC, WIPE	UGCM2	0.00163	U	0.00163	U	0.00163	U	0.00163	U	
HQ09 ENDOSULFAN SULFATE, BY GC/EC, WIPE	UGCM2	0.00018	U	0.00018	U	0.00018	U	0.00018	U	
HQ10 ENDRIN, WIPE	UGCM2	0.0004	U	0.0004	U	0.0004	U	0.0004	U	
HQ11 ENDRIN ALDEHYDE, BY GC/EC, WIPE	UGCM2	0.0001	U	0.0001	U	0.0001	U	0.0001	U	
HQ12 ENDRIN KETONE, BY GC/EC, WIPE	UGCM2	0.00013	U	0.00013	U	0.00013	U	0.00013	U	
HQ13 DDE, 4,4'-, WIPE	UGCM2	0.00015	U	0.0559		0.000758		0.00015	U	
HQ14 DDD, 4,4'-, WIPE	UGCM2	0.0015	U	0.0015	U	0.0015	U	0.0015	U	
HQ15 DDT ,4,4'-, WIPE	UGCM2	0.00025	U	0.00546	J	0.00025	U	0.00025	U	
HQ16 TOXAPHENE, WIPE	UGCM2	0.0128	U	0.0128	U	0.0128	U	0.0128	U	
HQ17 2,4-D, WIPE	UGCM2									6.16
HQ19 2,4,5-T, WIPE	UGCM2									1.73
HQ24 CHLORDANE, TECHNICAL, WIPE	UGCM2	0.02	U	0.0588		0.02	U	0.02	U	

D0176

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	018		019		020		021 F		022
HQ25 HEPTACHLOR, WIPE	UGCM2	0.00023	U	0.00342		0.000388		0.00023	U	
HQ26 HEPTACHLOR EPOXIDE, WIPE	UGCM2	0.0001	U	0.0001	U	0.0001	U	0.0001	U	
HX15 METHOXYCHLOR, BY GC/EC (WIPE)	UGCM2	0.00033	U	0.00033	U	0.00033	U	0.00033	U	
HY53 CHLORDANE, ALPHA, WIPE	UGCM2	0.00088		0.00744		0.00124		0.00019	U	
ZZ01 SAMPLE NUMBER	NA	018		019		020		021		022
ZZ02 ACTIVITY CODE	NA	KTX25		KTX25		KTX25		KTX25		KTX25

D0177

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	023	024	025	026	027
HQ17 2,4-D, WIPE	UGCM2	0.263				
HQ19 2,4,5-T, WIPE	UGCM2	0.0580				
SD01 DIOXIN, 2378-TETRACHLORODIBENZO-P(TCDD)	NG/KG		300 U	300 U	300 U	300 U
SH01 2,4-D(DICHLOROPHENOXYACETIC ACID)	UG/KG		780000	895000	454000	638000
SH03 2,4,5-T	UG/KG		8210	14200	1000	2800
SP01 BHC, ALPHA, BY GC/EC	UG/KG				16.0 U	16.0 U
SP02 BHC, BETA, BY GC/EC	UG/KG				20.0 U	20.0 U
SP03 BHC, DELTA	UG/KG				32.0 U	32.0 U
SP04 BHC, GAMMA-(LINDANE), BY GC/EC	UG/KG				20.0 U	20.0 U
SP05 ALDRIN, BY GC/EC	UG/KG				8610	30500
SP06 DIELDRIN, BY GC/EC	UG/KG				1080	6370
SP07 ENDOSULFAN I, BY GC/EC	UG/KG				36.0 U	36.0 U
SP08 ENDOSULFAN II, BY GC/EC	UG/KG				260 U	260 U
SP09 ENDOSULFAN SULFATE, BY GC/EC	UG/KG				28.0 U	28.0 U
SP10 ENDRIN, BY GC/EC	UG/KG				64.0 U	64.0 U
SP11 ENDRIN ALDEHYDE, BY GC/EC	UG/KG				16.0 U	16.0 U
SP13 DDE-4,4'-	UG/KG				24.0 U	24.0 U
SP14 DDD-4,4'-	UG/KG				240 U	240 U
SP15 DDT-4,4'-	UG/KG				40.0 U	40.0 U
SP16 TOXAPHENE, BY GC/EC	UG/KG				2100 U	2100 U
SP17 PCB-AROCLOR 1016	UG/KG				1400 U	1400 U
SP18 PCB-AROCLOR 1221	UG/KG				1200 U	1200 U
SP19 PCB-AROCLOR 1232	UG/KG				400 U	400 U
SP20 PCB-AROCLOR 1242	UG/KG				380 U	380 U
SP21 PCB-AROCLOR 1248	UG/KG				540 U	540 U
SP22 PCB-AROCLOR 1254	UG/KG				180 U	180 U

D0178

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0179

COMPOUND	UNITS	023	024	025	026	027
SP23 PCB-AROCLOR 1260	UG/KG				250 U	250 U
SP24 CHLORDANE, TECHNICAL, BY GC/EC	UG/KG				3840	13500
SP25 HEPTACHLOR, BY GC/EC	UG/KG				128	180
SP26 HEPTACHLOR EPOXIDE, BY GC/EC	UG/KG				36.0 U	36.0 U
SP34 CHLORDANE, ALPHA	UG/KG				328	1250
SP36 CHLORDANE, GAMMA	UG/KG				757	1780
SP60 METHOXYCHLOR, BY GC/EC	UG/KG				52.0 U	52.0 U
SP61 ENDRIN KETONE, BY GC/EC	UG/KG				20.0 U	20.0 U
ZZ01 SAMPLE NUMBER	NA	023	024	025	026	027
ZZ02 ACTIVITY CODE	NA	KTX25	KTX25	KTX25	KTX25	KTX25

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	028	029	030	031	032
SD01 DIOXIN, 2378-TETRACHLORODIBENZO-P(TCDD)	NG/KG	300 U	300 U	300 U	300 U	300 U
SH01 2,4-D(DICHLOROPHENOXYACETIC ACID)	UG/KG	601000	305000	375000	408000	41700
SH03 2,4,5-T	UG/KG	56100	12500	12700	6520	531
SP01 BHC, ALPHA, BY GC/EC	UG/KG		8.00 U	816		8.00 U
SP02 BHC, BETA, BY GC/EC	UG/KG		10.0 U	100 U		10.0 U
SP03 BHC, DELTA	UG/KG		16.0 U	80.0 U		16.0 U
SP04 BHC, GAMMA-(LINDANE), BY GC/EC	UG/KG		10.0 U	100 U		10.0 U
SP05 ALDRIN, BY GC/EC	UG/KG		3580000 J	7680000		270
SP06 DIELDRIN, BY GC/EC	UG/KG		27400	69600		371
SP07 ENDOSULFAN I, BY GC/EC	UG/KG		18.0 U	180 U		18.0 U
SP08 ENDOSULFAN II, BY GC/EC	UG/KG		130 U	1300 U		130 U
SP09 ENDOSULFAN SULFATE, BY GC/EC	UG/KG		136	130 U		14.0 U
SP10 ENDRIN, BY GC/EC	UG/KG		32.0 U	320 U		32.0 U
SP11 ENDRIN ALDEHYDE, BY GC/EC	UG/KG		8.00 U	80.0 U		8.00 U
SP13 DDE-4,4'-	UG/KG		12.0 U	120 U		42.0
SP14 DDD-4,4'-	UG/KG		120 U	1200 U		120 U
SP15 DDT-4,4'-	UG/KG		20.0 U	200 U		20.0 U
SP16 TOXAPHENE, BY GC/EC	UG/KG		2100 U	2100 U		2100 U
SP17 PCB-AROCLOR 1016	UG/KG		1400 U	1400 U		1400 U
SP18 PCB-AROCLOR 1221	UG/KG		1200 U	1200 U		1200 U
SP19 PCB-AROCLOR 1232	UG/KG		400 U	400 U		400 U
SP20 PCB-AROCLOR 1242	UG/KG		380 U	380 U		380 U
SP21 PCB-AROCLOR 1248	UG/KG		540 U	540 U		540 U
SP22 PCB-AROCLOR 1254	UG/KG		180 U	180 U		180 U
SP23 PCB-AROCLOR 1260	UG/KG		250 U	200 U		250 U
SP24 CHLORDANE, TECHNICAL, BY GC/EC	UG/KG		27800	30500		2320

D0180

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25 LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0181

COMPOUND	UNITS	028	029	030	031	032
SP25 HEPTACHLOR, BY GC/EC	UG/KG		278	1220		29.9
SP26 HEPTACHLOR EPOXIDE, BY GC/EC	UG/KG		18.0 U	180 U		18.0 U
SP34 CHLORDANE, ALPHA	UG/KG		2900	3290		303
SP36 CHLORDANE, GAMMA	UG/KG		5420	4600		461
SP60 METHOXYCHLOR, BY GC/EC	UG/KG		26.0 U	260 U		10.0 U
SP61 ENDRIN KETONE, BY GC/EC	UG/KG		10.0 U	100 U		26.0 U
ZZ01 SAMPLE NUMBER	NA	028	029	030	031	032
ZZ02 ACTIVITY CODE	NA	KTX25	KTX25	KTX25	KTX25	KTX25

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0182

COMPOUND	UNITS	033		034		035	036	037	
SD01 DIOXIN, 2378-TETRACHLORODIBENZO-P(TCDD)	NG/KG	300	U	6230		61200	114000	300	U
SD04 DIOXIN, 2378-TCD-TOTAL EQUIVALENTS	UG/KG						114		
SG07 SOLIDS, PERCENT	%							NA	O
SH01 2,4-D(DICHLOROPHENOXYACETIC ACID)	UG/KG	29300		201000		21000000	4450000		
SH03 2,4,5-T	UG/KG	688		85100		6520000	2370000		
SP01 BHC, ALPHA, BY GC/EC	UG/KG	80.0	U	16.0	U			1.6	U
SP02 BHC, BETA, BY GC/EC	UG/KG	100	U	20.0	U			2.0	U
SP03 BHC, DELTA	UG/KG	160	U	32.0	U			3.2	U
SP04 BHC, GAMMA-(LINDANE), BY GC/EC	UG/KG	100	U	20.0	U			2.0	U
SP05 ALDRIN, BY GC/EC	UG/KG	27500		2480				1.6	U
SP06 DIELDRIN, BY GC/EC	UG/KG	440		308				30	
SP07 ENDOSULFAN I, BY GC/EC	UG/KG	180	U	36.0	U			3.6	U
SP08 ENDOSULFAN II, BY GC/EC	UG/KG	1300	U	260	U			26	U
SP09 ENDOSULFAN SULFATE, BY GC/EC	UG/KG	140	U	28.0	U			2.8	U
SP10 ENDRIN, BY GC/EC	UG/KG	320	U	468				6.4	U
SP11 ENDRIN ALDEHYDE, BY GC/EC	UG/KG	80.0	U	16.0	U			1.6	U
SP13 DDE-4,4'-	UG/KG	120	U	2460				2.4	U
SP14 DDD-4,4'-	UG/KG	1200	U	240	U			17	
SP15 DDT-4,4'-	UG/KG	200	U	40.0	U			18	
SP16 TOXAPHENE, BY GC/EC	UG/KG	2100	U	420	U			210	U
SP17 PCB-AROCLOR 1016	UG/KG	1400	U	280	U			140	U
SP18 PCB-AROCLOR 1221	UG/KG	1200	U	240	U			120	U
SP19 PCB-AROCLOR 1232	UG/KG	400	U	80	U			40	U
SP20 PCB-AROCLOR 1242	UG/KG	380	U	76	U			38	U
SP21 PCB-AROCLOR 1248	UG/KG	540	U	108	U			54	U
SP22 PCB-AROCLOR 1254	UG/KG	180	U	36	U			18	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25 LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0183

COMPOUND	UNITS	033		034		035	036	037	
SP23 PCB-AROCLOR 1260	UG/KG	250	U	50	U			25	U
SP24 CHLORDANE, TECHNICAL, BY GC/EC	UG/KG	1200		1570				76	
SP25 HEPTACHLOR, BY GC/EC	UG/KG	80.0	U	88.8				3.6	U
SP26 HEPTACHLOR EPOXIDE, BY GC/EC	UG/KG	180	U	36.0	U			1.6	U
SP34 CHLORDANE, ALPHA	UG/KG	323		166				19.0	
SP36 CHLORDANE, GAMMA	UG/KG	441		288				20.8	
SP60 METHOXYCHLOR, BY GC/EC	UG/KG	260	U	52.0	U			5.2	U
SP61 ENDRIN KETONE, BY GC/EC	UG/KG	100	U	20.0	U			2.0	U
ZZ01 SAMPLE NUMBER	NA	033		034		035	036	037	
ZZ02 ACTIVITY CODE	NA	KTX25		KTX25		KTX25	KTX25	KTX25	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0184

COMPOUND	UNITS	038		039		040		041		042	
SD01 DIOXIN, 2378-TETRACHLORODIBENZO-P(TCDD)	NG/KG	300	U	300	U	144		300	U	300	U
SD04 DIOXIN, 2378-TCD-TOTAL EQUIVALENTS	UG/KG					0.110	U				
SG07 SOLIDS, PERCENT	%	NA	O	NA	O	NA	O	NA	O	NA	O
SP01 BHC, ALPHA, BY GC/EC	UG/KG	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
SP02 BHC, BETA, BY GC/EC	UG/KG	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
SP03 BHC, DELTA	UG/KG	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
SP04 BHC, GAMMA-(LINDANE), BY GC/EC	UG/KG	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
SP05 ALDRIN, BY GC/EC	UG/KG	1.6	U	1.6	U	60		1.6	U	1.6	U
SP06 DIELDRIN, BY GC/EC	UG/KG	40		49		1500		3400		16500	
SP07 ENDOSULFAN I, BY GC/EC	UG/KG	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U
SP08 ENDOSULFAN II, BY GC/EC	UG/KG	26	U	26	U	26	U	26	U	26	U
SP09 ENDOSULFAN SULFATE, BY GC/EC	UG/KG	2.8	U	2.8	U	38		2.8	U	2.8	U
SP10 ENDRIN, BY GC/EC	UG/KG	6.4	U	6.4	U	6.4	U	6.4	U	6.4	U
SP11 ENDRIN ALDEHYDE, BY GC/EC	UG/KG	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
SP13 DDE-4,4'-	UG/KG	11.0		2.4	U	2.4	U	2.4	U	2.4	U
SP14 DDD-4,4'-	UG/KG	24	U	24	U	24	U	24	U	24	U
SP15 DDT-4,4'-	UG/KG	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
SP16 TOXAPHENE, BY GC/EC	UG/KG	210	U	210	U	210	U	210	U	210	U
SP17 PCB-AROCLOR 1016	UG/KG	140	U	140	U	140	U	140	U	140	U
SP18 PCB-AROCLOR 1221	UG/KG	120	U	120	U	120	U	120	U	120	U
SP19 PCB-AROCLOR 1232	UG/KG	40	U	40	U	40	U	40	U	40	U
SP20 PCB-AROCLOR 1242	UG/KG	38	U	38	U	38	U	38	U	38	U
SP21 PCB-AROCLOR 1248	UG/KG	54	U	54	U	54	U	54	U	54	U
SP22 PCB-AROCLOR 1254	UG/KG	18	U	18	U	18	U	18	U	18	U
SP23 PCB-AROCLOR 1260	UG/KG	25	U	25	U	25	U	25	U	25	U
SP24 CHLORDANE, TECHNICAL, BY GC/EC	UG/KG	58		100		3800		2600		18400	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0185

COMPOUND	UNITS	038	039	040	041	042
SP25 HEPTACHLOR, BY GC/EC	UG/KG	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
SP26 HEPTACHLOR EPOXIDE, BY GC/EC	UG/KG	1.6 U	1.6 U	11	1.6 U	159
SP34 CHLORDANE, ALPHA	UG/KG	15.4	24.5	916	506	4240
SP36 CHLORDANE, GAMMA	UG/KG	15.2	30.5	1060	839	5470
SP60 METHOXYCHLOR, BY GC/EC	UG/KG	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U
SP61 ENDRIN KETONE, BY GC/EC	UG/KG	2.0 U	2.0 U	75	2.0 U	2.0 U
ZZ01 SAMPLE NUMBER	NA	038	039	040	041	042
ZZ02 ACTIVITY CODE	NA	KTX25	KTX25	KTX25	KTX25	KTX25

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25 LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0186

COMPOUND	UNITS	043		057		058		059		060	
SD01 DIOXIN, 2378-TETRACHLORODIBENZO-P(TCDD)	NG/KG	300	U	300	U	300	U	300	U	300	U
SG07 SOLIDS, PERCENT	%	NA	O	NA	O	NA	O	NA	O	NA	O
SH01 2,4-D(DICHLOROPHENOXYACETIC ACID)	UG/KG	0.070	U	0.070	U	0.070	U	0.076		0.070	U
SH02 2,4,5-TP(SILVEX)	UG/KG			0.017	U	0.017	U	0.017	U	0.017	U
SH03 2,4,5-T	UG/KG	0.020	U	0.020	U	0.020	U	0.061		0.020	U
SP01 BHC, ALPHA, BY GC/EC	UG/KG			1.6	U	1.6	U	20		1.6	U
SP02 BHC, BETA, BY GC/EC	UG/KG			2.0	U	2.0	U	2.0	U	2.0	U
SP03 BHC, DELTA	UG/KG			3.2	U	3.2	U	3.2	U	3.2	U
SP04 BHC, GAMMA-(LINDANE), BY GC/EC	UG/KG			2.0	U	2.0	U	2.0	U	2.0	U
SP05 ALDRIN, BY GC/EC	UG/KG			36		1.6	U	30		1.6	U
SP06 DIELDRIN, BY GC/EC	UG/KG			530		70		4100		2.4	U
SP07 ENDOSULFAN I, BY GC/EC	UG/KG			3.6	U	3.6	U	3.6	U	3.6	U
SP08 ENDOSULFAN II, BY GC/EC	UG/KG			41		26	U	26	U	26	U
SP09 ENDOSULFAN SULFATE, BY GC/EC	UG/KG			2.8	U	2.8	U	2.8	U	2.8	U
SP10 ENDRIN, BY GC/EC	UG/KG			6.4	U	6.4	U	6.4	U	6.4	U
SP11 ENDRIN ALDEHYDE, BY GC/EC	UG/KG			1.6	U	1.6	U	1.6	U	1.6	U
SP13 DDE-4,4'-	UG/KG			2.4	U	2.4	U	2.4	U	2.4	U
SP14 DDD-4,4'-	UG/KG			24	U	24	U	24	U	24	U
SP15 DDT-4,4'-	UG/KG			30		100		76		4.0	U
SP16 TOXAPHENE, BY GC/EC	UG/KG			210	U	210	U	210	U	210	U
SP17 PCB-AROCLOR 1016	UG/KG			140	U	140	U	140	U	140	U
SP18 PCB-AROCLOR 1221	UG/KG			120	U	120	U	120	U	120	U
SP19 PCB-AROCLOR 1232	UG/KG			40	U	40	U	40	U	40	U
SP20 PCB-AROCLOR 1242	UG/KG			38	U	38	U	38	U	38	U
SP21 PCB-AROCLOR 1248	UG/KG			54	U	54	U	54	U	54	U
SP22 PCB-AROCLOR 1254	UG/KG			18	U	18	U	18	U	18	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0187

COMPOUND	UNITS	043	057	058	059	060
SP23 PCB-AROCLOR 1260	UG/KG		25 U	25 U	25 U	25 U
SP24 CHLORDANE, TECHNICAL, BY GC/EC	UG/KG		2400	3.2 U	5200	3.2 U
SP25 HEPTACHLOR, BY GC/EC	UG/KG		3.6 U	3.6 U	3.6 U	3.6 U
SP26 HEPTACHLOR EPOXIDE, BY GC/EC	UG/KG		28	1.6 U	1.6 U	1.6 U
SP34 CHLORDANE, ALPHA	UG/KG		570	12	1200	2.5 U
SP36 CHLORDANE, GAMMA	UG/KG		690	13	1510	2.5 U
SP60 METHOXYCHLOR, BY GC/EC	UG/KG		5.2 U	5.2 U	5.2 U	5.2 U
SP61 ENDRIN KETONE, BY GC/EC	UG/KG		2.0 U	2.0 U	2.0 U	2.0 U
ZZ01 SAMPLE NUMBER	NA	043	057	058	059	060
ZZ02 ACTIVITY CODE	NA	KTX25	KTX25	KTX25	KTX25	KTX25

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-KTX25

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0188

COMPOUND	UNITS	089		090		091		092 F		
WD01 DIOXIN, 2378-TETRACHLORODIBENZO-P(TCDD)	NG/L	1.00	U	1.00	U	1.00	U	1.00	U	
WH01 2,4-D	UG/L	1.2	U	1.2	U	1.2	U	1.2	U	
WH03 2,4,5-T	UG/L	0.2	U	0.2	U	0.2	U	0.2	U	
ZZ01 SAMPLE NUMBER	NA	089		090		091		092		
ZZ02 ACTIVITY CODE	NA	KTX25		KTX25		KTX25		KTX25		

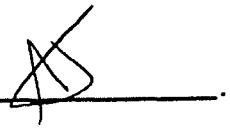
LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

D0189

ACTIVITY KTX25 DES MOINES TCE

THE PROJECT LEADER SHOULD CIRCLE ONE - STORET, AIRS, OR ARCHIVE.

CIRCLE ONE: STORET AIRS ARCHIVE

DATA APPROVED BY LABO FOR TRANSMISSION TO PROJECT LEADER ON 08/03/93 10:45:57 BY  .