UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

Chem.Comm.-Shawnee
ID#: KSD980632962
Break: 2.3
Other: EPA
1-5-89

Date: 1/5/89

MEMORANDUM

SUBJECT: Data Transmittal for Activity #: PK869,
Site Description: Chemical Commodities

FROM: Andrea Jirka
Chief, Laboratory Branch, ENSV

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

ATTN: Mark Roberts

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

Attachments

cc: Data File

40200950
SUPERFUND RECORDS

EPA Region VII

Data Qualification Codes

U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation limit.

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

J - The associated numerical value is an estimated quantity.

I - The data are invalid (compound may or may not be present). Resampling and/or reanalysis is necessary for verification.

O - Sample lost or not analyzed.

L - Value known to be higher than value reported.

N - Presumptive evidence of presence of material.

NA - Sample was not analyzed for this compound.

NJ - Presumptive evidence of the presence of the material at an estimated quantity.

UJ - The material was analyzed for, but was not detected. The sample quantitation limit is an estimated quantity.

Codes for Flash Point Data

L - The sample did not ignite or "flash." This is the highest temperature at which the sample was tested. It is possible that the material may be ignitable at higher temperatures.

K - The sample did ignite or "flash" at the lowest temperature tested. This is usually the ambient temperature at the time of the test. It is possible that the material may be ignitable at even lower temperatures.

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

Site Name: CHEMICAL COMM. INC. Site Number:
Location: SHAWNEE KANSAS Site Code: A30

Collected: YR: 88 MO: 12 Day: 15 Time: 1530 Leader: ROBERTS

Sample Number: PK869001 SMO #: _____

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

Sample Split (circle one): YES NO

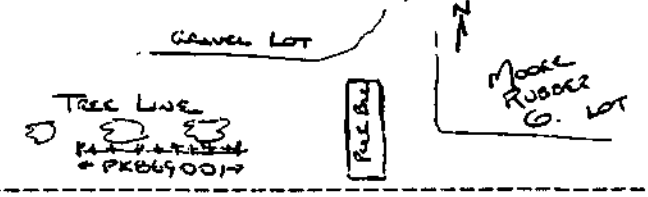
Sample Container	Tag Color	Preservative	Analysis Requested
8OZ. GLASS	WHITE	ICE	METALS
8OZ. GLASS	BLUE	ICE	PESTICIDES
	YELLOW	ICE	ANION SCAN

Depth: 0-2" Pan #: _____ Aliquots: 10

Samplers: M. ROBERTS
B. MORRISON

COMMENTS OF FIELD PERSONNEL

Site Description: BACKGROUND SOIL/SEDIMENT SAMPLE - WEST OF POLE BARN IN AN EAST-WEST DRAINAGE PATHWAY. 10 ALIQUOTS ALONG A 40 FT. SAMPLE LINE.



IBM-PC

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

Site Name: CHEMICAL COMM. INC. Site Number:
Location: SHAWNEE KANSAS Site Code: A30

Collected: YR: 88 MO: 12 Day: 15 Time: 1540 Leader: ROBERTS

Sample Number: PK869002 SMO #: _____

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

Sample Split (circle one): YES (NO)

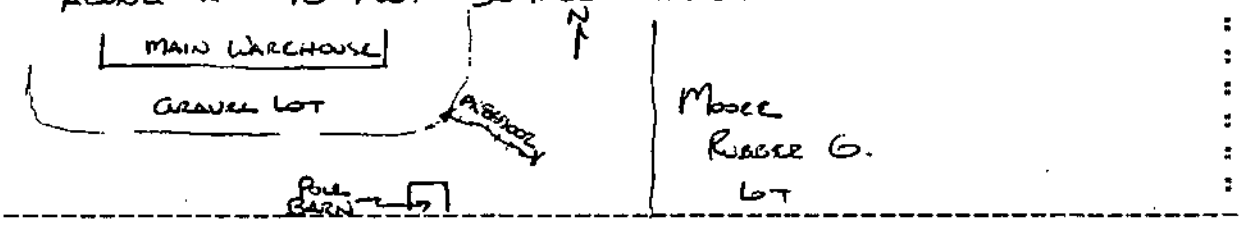
Sample Container	Tag Color	Preservative	Analysis Requested
8OZ. GLASS	WHITE	ICE	METALS
8OZ. GLASS	BLUE	ICE	PESTICIDES
	YELLOW	ICE	ANION SCAN

Depth: 0-2" Pan #: _____ Aliquots: 10

Samplers: M. ROBERTS
B. MORRISON

COMMENTS OF FIELD PERSONNEL

Site Description: DRAINAGE PATHWAY SAMPLE - SE CORNER OF CCI GRAVEL LOT, NORTH OF POLE BARN. 10 ALIQUOTS ALONG A 40 FOOT SAMPLE LINE.



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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: CHEMICAL COMM. INC. Site Number:
Location: SHAWNEE KANSAS Site Code: A30

Collected: YR: 88 MO: 12 Day: 15 Time: 1520 Leader: ROBERTS

Sample Number: PK869003 SMO #: _____

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

Sample Split (circle one): YES (NO)

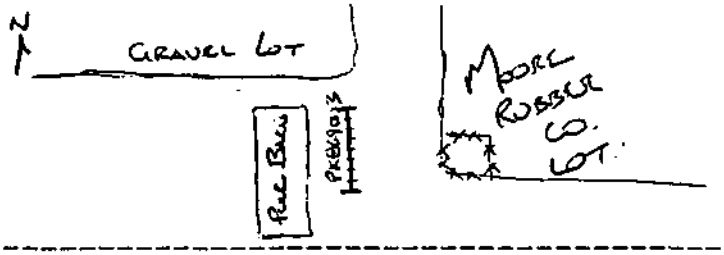
Sample Container	Tag Color	Preservative	Analysis Requested
8OZ. GLASS	WHITE	ICE	METALS
8OZ. GLASS	BLUE	ICE	PESTICIDES
	YELLOW	ICE	ANION SCAN

Depth: 0-2" Pan #: _____ Aliquots: 10

Samplers: M. ROBERTS
B. MORRISON

COMMENTS OF FIELD PERSONNEL

Site Description: SEDIMENT SAMPLE FROM N-S DRAINAGE DITCH EAST OF POLE BARN. 10 ALIQUOTS ALONG A 65 FOOT SAMPLE LINE.



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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: CHEMICAL COMM. INC. Site Number:
Location: SHAWNEE KANSAS Site Code: A30

Collected: YR: 88 MO: 12 Day: 15 Time: 1515 Leader: ROBERTS

Sample Number: PK869004 SMO #: _____

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

Sample Split (circle one): YES NO

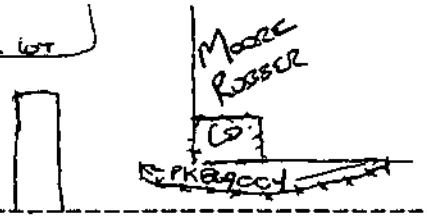
Sample Container	Tag Color	Preservative	Analysis Requested
8OZ. GLASS	WHITE	ICE	METALS
8OZ. GLASS	BLUE	ICE	PESTICIDES
	YELLOW	ICE	ANION SCAN

Depth: 0-2" Pan #: _____ Aliquots: 10

Samplers: M. ROBERTS
B. MORRISON

COMMENTS OF FIELD PERSONNEL

Site Description: DRAINAGE PATHWAY SAMPLE FROM E-W PATHWAY LEADING OFFSITE FROM E. OF CCI POLE BARN TO MOORE RUBBER G. CONCRETE LOT. 10 ALIQUOTS ALONG A 55 FOOT SAMPLE LINE.



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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: CHEMICAL COMM. INC. Site Number:
Location: SHAWNEE KANSAS Site Code: A30

Collected: YR: 88 MO: 12 Day: 15 Time: 1515 Leader: ROBERTS

Sample Number: PK869~~005~~ 004D SMO #: _____

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

Sample Split (circle one): YES (NO)

Sample Container	Tag Color	Preservative	Analysis Requested
8OZ. GLASS	WHITE	ICE	METALS
8OZ. GLASS	BLUE	ICE	PESTICIDES
	YELLOW	ICE	ANION SCAN

Depth: 0-2" Pan #: _____ Aliquots: 10

Samplers: M Roberts
B. Morrison

COMMENTS OF FIELD PERSONNEL

Site Description: Duplicate of PK869004

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PERCENT SOLIDS
EPA REGION VII INORGANIC DATA

TITLE: CHEMICAL COMMODITIES
DATE: 12/21/88
MATRIX: SEDIMENT

PARAMETER: PERCENT SOLIDS
METHOD: 8601S70
ANALYST: GS9 ___/GCM

SAMPLE NO.	RESULTS %	WET WT. GRAMS	DRY WT. GRAMS	TARE WT. GRAMS	DISH NO.
PK869001	84.10	69.59	68.75	64.32	124
PK869002	84.00	67.76	66.91	62.46	11
PK869003	56.80	70.11	68.17	65.62	207
PK869004	73.60	69.96	68.7	65.19	19
PK869004D	73.30	71.28	69.66	65.22	120
PK869001L	84.40	72.73	71.89	67.36	32

ANALYSIS TYPE: TOTAL METALS

TITLE: CHEMICAL COMMODITIES
LAB: EPA REGION VII
SAMPLE PREP: DNS ANALYST/ENTRY: GRS DNS

MATRIX: SEDIMENT
METHOD: 2001S77
REVIEWER: GLM
DATA FILE: GS8

UNITS: MG/KG
CASE:
DATE: 12/29/88

		PK869001	PK869002	PK869003	PK869004
SILVER	MG/KG	1.2U	.84U	.80U	.74U
ALUMINUM	MG/KG	17000.0	15000.0	23000.0	15000.0
ARSENIC	MG/KG	59.0U	42.0U	40.0U	37.0U
BARIUM	MG/KG	200.0	320.0	510.0	230.0
BERYLLIUM	MG/KG	.45	.57	.80	.44
CADMIUM	MG/KG	5.9U	4.2U	4.0U	3.7U
COBALT	MG/KG	8.9	16.0	20.0	11.0
CHROMIUM	MG/KG	17.0	140.0	430.0	59.0
COPPER	MG/KG	17.0	77.0	130.0	39.0
IRON	MG/KG	23000.0	32000.0	34000.0	22000.0
MANGANESE	MG/KG	670.0	1600.0	3000.0	1400.0
MOLYBDENUM	MG/KG	11.0	11.0	14.0	10.0
NICKEL	MG/KG	21.0	25.0	32.0	43.0
LEAD	MG/KG	59.0U	49.0	75.0	37.0U
ANTIMONY	MG/KG	5.9U	42.0U	87.0	87.0
SELENIUM	MG/KG	59.0U	42.0U	40.0U	37.0U
TITANIUM	MG/KG	N/A	N/A	N/A	N/A
THALLIUM	MG/KG	35.0U	25.0U	24.0U	22.0U
VANADIUM	MG/KG	41.0	40.0	49.0	35.0
ZINC	MG/KG	68.0	510.0	870.0	310.0
CALCIUM	MG/KG	5500.0	31000.0	58000.0	66000.0
MAGNESIUM	MG/KG	2800.0	2600.0	4000.0	2700.0
SODIUM	MG/KG	710.0	2100.0	5100.0	5300.0
POTASSIUM	MG/KG	2700.0	2100.0	3300.0	2100.0

ANALYSIS TYPE: TOTAL METALS

TITLE: CHEMICAL COMMODITIES
LAB: EPA REGION VII
SAMPLE PREP: DRD ANALYST/ENTRY: GRS DRD

MATRIX: SEDIMENT
METHOD: 2001S77
REVIEWER: GLM
DATA FILE: GS8

UNITS: MG/KG
CASE:
DATE: 12/29/88

PK869004D

SILVER	MG/KG	.78U
ALUMINUM	MG/KG	13000.0
ARSENIC	MG/KG	39.0U
BARIUM	MG/KG	260.0
BERYLLIUM	MG/KG	.39
CADMIUM	MG/KG	3.9U
COBALT	MG/KG	11.0
CHROMIUM	MG/KG	67.0
COPPER	MG/KG	36.0
IRON	MG/KG	23000.0
MANGANESE	MG/KG	1900.0
MOLYBDENUM	MG/KG	9.5
NICKEL	MG/KG	49.0
LEAD	MG/KG	39.0U
ANTIMONY	MG/KG	56.0
SELENIUM	MG/KG	39.0U
TITANIUM	MG/KG	N/A
THALLIUM	MG/KG	23.0U
VANADIUM	MG/KG	36.0
ZINC	MG/KG	310.0
CALCIUM	MG/KG	64000.0
MAGNESIUM	MG/KG	2500.0
SODIUM	MG/KG	5400.0
POTASSIUM	MG/KG	1900.0

ANALYSIS TYPE: PESTICIDES

TITLE: CHEMICAL COMM. CO.
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: SR

MATRIX: SEDIMENT
METHOD: 7221S00
REVIEWER: ____GLM__
DATA FILE: SR1

UNITS: UG/KG
CASE:
DATE: 01/03/89

	FK869001	FK869002	FK869003	FK869004
A BHC	.60U	1.2U	1.2U	.60U
B BHC	1.2U	2.4U	2.4U	1.2U
G BHC (lindane)	.60U	1.2U	1.2U	.60U
D BHC	.60U	1.2U	1.2U	.60U
HEPTACHLOR	.60U	1.2U	1.2U	.60U
ALDRIN	1.6U	3.2U	3.2U	1.6U
HEPTACHLOR EPOXIDE	.50U	1.0U	1.0U	.50U
A ENDOSULFAN	1.2U	2.4U	2.4U	1.2U
B ENDOSULFAN	2.0U	4.0U	4.0U	2.0U
ENDOSULFAN SULFATE	4.0U	8.0U	8.0U	4.0U
DIELDRIN	3.0U	23.	280.J	710.J
ENDRIN	2.0U	4.0U	4.0U	10.J
ENDRIN ALDEHYDE	3.0U	6.0U	6.0U	3.0U
P,P'-DDE	2.0U	4.0U	4.0U	2.0U
P,P'-DDT	4.0U	8.0U	8.0U	4.0U
P,P'-DDD	2.0U	4.0U	11.J	2.0U
CHLORDANE, TECHNICAL	12.U	24.U	24.U	12.U
TOXAPHENE	16.U	32.U	32.U	240.U
PCB1221	20.U	40.U	40.U	20.U
PCB1232	10.U	20.U	20.U	10.U
PCB1016 or	30.U	60.U	60.U	30.U
PCB1242	30.U	60.U	60.U	30.U
PCB1248	30.U	60.U	60.U	30.U
PCB1254	30.U	60.U	60.U	30.U
PCB1260	10.U	20.U	20.U	10.U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: PESTICIDES

TITLE: CHEMICAL COMM. CO.
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: SR

MATRIX: SEDIMENT
METHOD: 7221S00
REVIEWER: _____
DATA FILE: SR1

UNITS: UG/KG
CASE:
DATE: 01/03/89

PK869004D

A BHC	.60U
B BHC	1.2U
G BHC (lindane)	.60U
D BHC	.60U
HEPTACHLOR	.60U
ALDRIN	1.6U
HEPTACHLOR EPOXIDE	.50U
A ENDOSULFAN	1.2U
B ENDOSULFAN	2.0U
ENDOSULFAN SULFATE	4.0U
DIELDRIN	520.J
ENDRIN	7.7J
ENDRIN ALDEHYDE	3.0U
P,P'-DDE	2.0U
P,P'-DDT	4.0U
P,P'-DDD	2.0U
CHLORDANE, TECHNICAL	12.U
TOXAPHENE	220.U
PCB1221	20.U
PCB1232	10.U
PCB1016 or	30.U
PCB1242	30.U
PCB1248	30.U
PCB1254	30.U
PCB1260	10.U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: ION CHROMATOGRAPH SCAN

TITLE: CHEMICAL COMM
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: GLM

MATRIX: Solid
METHOD: IC
REVIEWER: GLM
DATA FILE: GM9

UNITS: MG/Kg
CASE:
DATE: 12/29/88

95 recieved

	PK869001	PK869002	PK869003	PK869004
FLUORIDE	31.	10.U	10.U	10.U
CHLORIDE	10.U	10.U	10.U	10.U
NITRITE-NITROGEN	10.U	10.U	10.U	10.U
NITRATE-NITROGEN	10.U	10.U	10.U	10.U
SULFATE	10.U	10.U	10.U	10.U
ORTHOPHOSPHATE	10.U	10.U	10.U	10.U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***

ANALYSIS TYPE: ION CHROMATOGRAPH SCAN

TITLE: CHEMICAL COMM
LAB: EPA REGION VII
SAMPLE PREP:_____ ANALYST/ENTRY: GLM

MATRIX: Solid
METHOD: IC
REVIEWER: _____
DATA FILE: GM9

UNITS: MG/Kg as recieved
CASE:
DATE: 12/29/88

PK869004D

FLUORIDE	10.U
CHLORIDE	10.U
NITRITE-NITROGEN	10.U
NITRATE-NITROGEN	10.U
SULFATE	10.U
ORTHOPHOSPHATE	10.U

** NOTE: N/A MEANS NOT ANALYZED **
*** I MEANS ANALYZED BUT INVALID DATA ***