



ecology and environment, inc.

CLOVERLEAF BUILDING 3, 6405 METCALF, OVERLAND PARK, KANSAS 66202, TEL. 913/432-9961

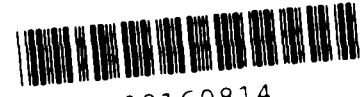
International Specialists in the Environment

H 160814

Carl
10/28/92
STE

1028-92

MEMORANDUM



S00160814
SUPERFUND RECORDS

TO: Paul Doherty, EPA/DPO

FROM: Andrea Finger, E & E/TAT *AF*

THRU: Joe Chandler, E & E/TATL *JCC*

DATE: October 28, 1992

SUBJECT: Trip Report: South Mound Pesticides, South Mound, Kansas
 TDD#: T07-9210-054
 PAN#: EKS0361SBA
 EPA/OSC: Carl Bailey

INTRODUCTION

The Ecology & Environment, Inc., Technical Assistance Team (E & E/TAT) was tasked by the U.S. Environmental Protection Agency (EPA) Emergency Planning and Response (EP&R) Branch under Technical Direction Document (TDD) T07-9210-054 to conduct a removal assessment at the South Mound Pesticides site, South Mound, Kansas. TAT's responsibilities included performing an inventory, collecting samples from containerized products, and providing photo documentation of on-site activities. TAT members Buck Brooks and Andrea Finger were tasked to assist EPA On-Scene Coordinator (OSC) Carl Bailey.

BACKGROUND

The site is located in South Mound, Kansas, which is an unincorporated town in the southeastern part of the state. South Mound is located in the southeastern corner of Neosho County, Township 30 south, Range 20 east and section 16 (Figure 1). South Mound is a sparsely populated rural area and the land surrounding the site is used primarily for agriculture. The building housing the products that were inventoried consisted of five open-ended stalls, with the products located in the center stall (Figure 2).

Ownership of the site is unclear at this time. The property that the building is on was condemned in the 1800's by the Kansas, Texas, and Missouri Railroad, which was later bought out by Missouri Pacific, part of the Union Pacific Railroad. In June 1992, Union Pacific relinquished all rights to the land and released it for county ownership. The building was owned by Jay McMillan, who also owned Strauss Grain Company, Inc. In 1984, the building ownership was transferred by a corporate deed for joint tenancy with Strauss Elevator, Inc. In 1987, Strauss Elevator, Inc. ceased operations and was sold to Beachner Grain, St. Paul, Kansas, who is currently paying the taxes.

AF/LD

EKS0361SBA/9210054/F

The Kansas Department of Health and Environment (KDHE) assessed the site and determined that the chemicals that remained represented a potential threat to human health and the environment. KDHE requested that EPA conduct a removal assessment of the site to determine the feasibility of a removal under Superfund. A site visit was made by Carl Bailey and Bill Towery, KDHE, on August 20-21, 1992. Bailey and Towery interviewed McMillan and also conducted a site reconnaissance. McMillan told Bailey and Towery that the products in the building belonged to him.

SITE ACTIVITIES

TATMs Brooks and Finger arrived at the site with OSC Bailey on September 2, 1992, at 0820 hours. TAT conducted an inventory of the products located in the building and nine 55-gallon drums located near a smaller, old shed (Figure 2). Ninety-two products were inventoried in the building, including five that TAT was unable to identify because of missing or unreadable labels (Attachment 3: Inventory Sheets). For each item, the container type, condition, size, content amount, material state, chemical name and manufacturer were recorded. TAT marked the nine drums near the shed with identifying numbers (#1 thru #9). For each drum, its size, type, label information, and any other pertinent comments were recorded (Attachment 4: Drum Inventory Sheets). Two of the drums were found to be empty (#3 and #6). TAT's inventory was submitted to the Kansas State Board of Agriculture for determination of those chemicals which would be listed as materials banned for use by the State of Kansas. No samples were submitted from the products found in the building.

Six samples were collected from drums #1-9, near the old shed, by the sampling team (Table 1). Container headspaces were screened with a Foxboro Model 128 Organic Vapor Analyzer (OVA) prior to sample collection. Sample collection was achieved by using thieving rods to transfer samples of the drum contents into 16-ounce glass jars. Thieving rods were dedicated to each drum and outer gloves were replaced prior to the collection of each sample to reduce the possibility of cross contamination.

TABLE 1
SIX SAMPLES COLLECTED FROM CONTAINERIZED PRODUCTS
AT THE SOUTH MOUND PESTICIDES SITE

SAMPLE #	DRUM #	PRODUCT NAME	ANALYSES	CHARACTERISTICS/DESCRIPTION
NBX14001	1	2,4-D	Herbicides	dark brown liquid OVA = 545 ppm
NBX14002	2	Unknown	Flashpoint	Oily liquid with clear phase OVA = 195 ppm
NBX14003	4	Unknown	Flashpoint	Amber colored paraffin-like material
NBX14004	5	Unknown	Flashpoint Volatile Organics	Cream colored liquid OVA = 1,000 ppm
NBX14005	7	Unknown	Flashpoint Pesticides	Top phase - watery amber liquid Bottom phase - solid OVA = 500 ppm
NBX14006	8,9	Unknown	Volatile Organics Flashpoint	Cream colored liquid OVA = 1,000 ppm

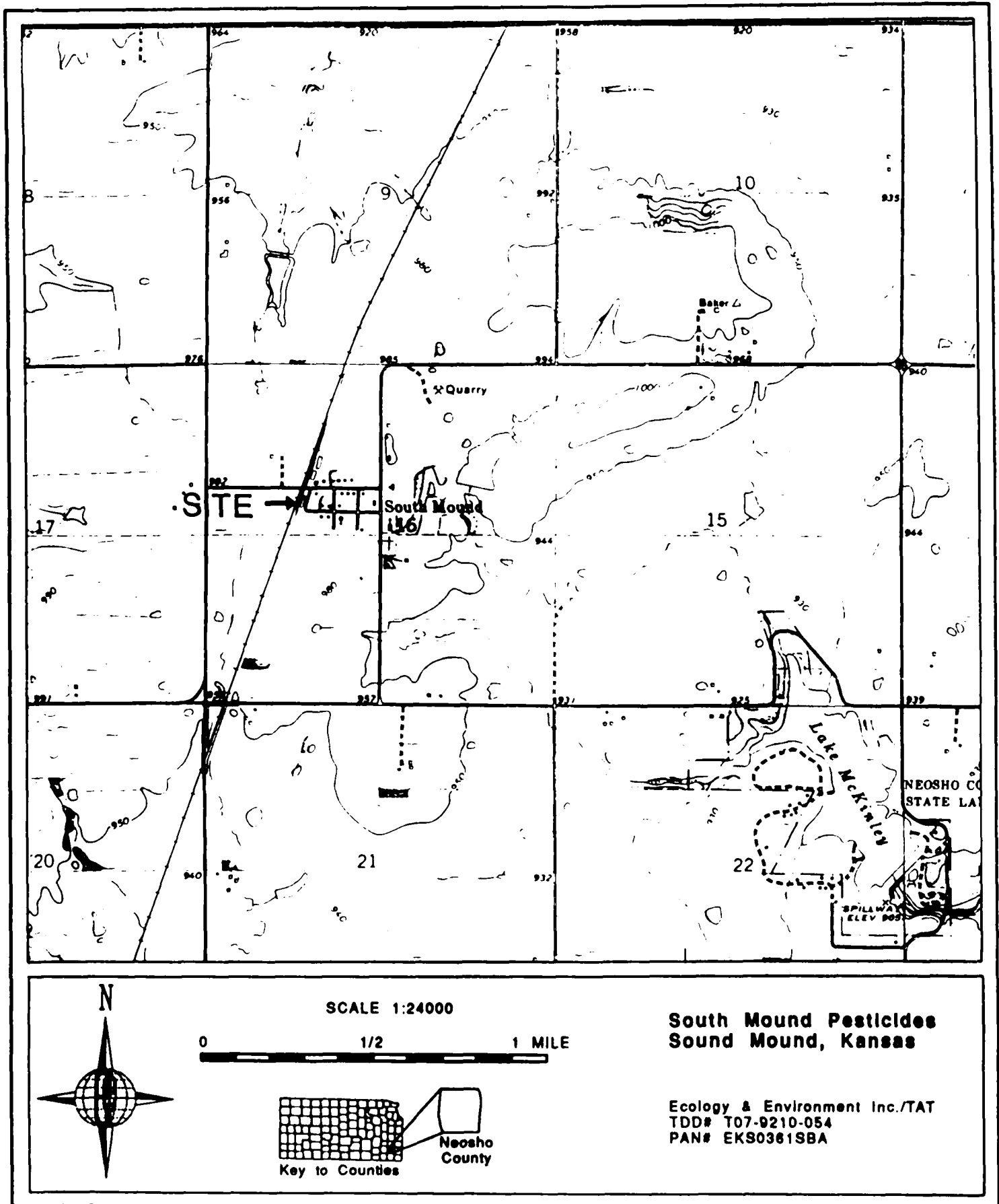
Sampling activities were completed by 1420 hours on September 2, 1992. TAT delivered the samples to the Region VII EPA Laboratory for selected pesticide, herbicide, volatile organics, and flashpoint analyses on September 3, 1992, under activity number NBX14 (Table 1). Data results were received by OSC Bailey and will be evaluated by EPA.

SUMMARY

TAT was tasked to conduct a removal assessment at the South Mound Pesticide site, South Mound, Kansas. TAT inventoried, sampled, and documented site conditions. Six samples were collected for submittal to Region VII EPA laboratory for selected pesticide, herbicide, volatile organic, and flashpoint analyses. OSC Bailey received the data transmittal on October 7, 1992. Following evaluation of the analytical results by EPA, a determination concerning potential removal activities will be made. TAT will remain available for assistance pending the initiation of any removal activities.

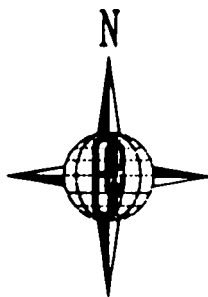
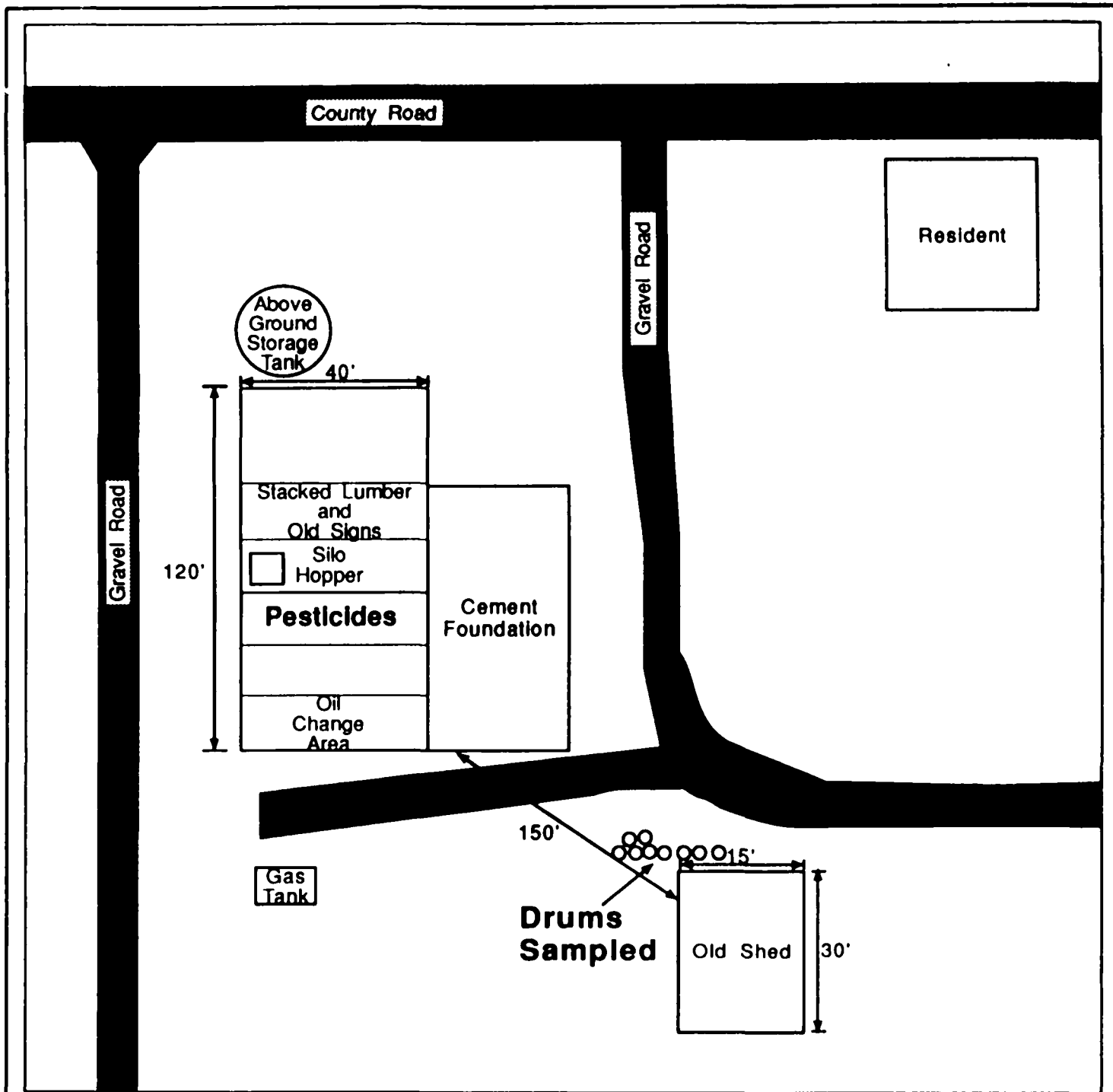
ATTACHMENTS

- Figure 1: Site Location Map
- Figure 2: Site Sketch Map
- Attachment 3: Pesticide Inventory Sheets
- Attachment 4: Drum Inventory Sheets
- Photographic Record



Source: USGS 7.5 minute series, 1973
South Mound Quadrangle
Prepared by Mark Mayo
October 1992

Figure 1: Site Location Map



South Mound Pesticides

South Mound, KS

TDD# 07-9210-054

PAN# EKS0361SBA

SOUTH MOUND PESTICIDES INVENTORY

MOCAP MOBIL CHEMICAL	700 LBS	MILOGARD 80W CIBA-GEIGY	60 LBS
WEED BEADS DOW CHEMICAL	60 LBS	TETRAKOTE DOUGLAS CHEMICAL	2 GAL
MODOWN MOBIL CHEMICAL	10 LBS, 2.5 GAL	BALAN HERBICIDE ELANCO	5 GAL
BHC 12-W STAUFFER CHEMICAL	36 LBS	SORBA-SPRAY ZNP LEFFINGWELL CHEMICAL CO	5 GAL
ORTHENE 755 CHEVRON CHEMICAL ORTHO DIVISION	10 LBS	DISINTEGRATING SULPHUR FLAKES YELLOWSTONE SULPHUR BRAND MONTANA SULPHUR & CHEMICAL CO	1050 LBS
ORTHENE INSECTICIDE CHEVRON CHEMICAL ORTHO DIVISION	10 LBS	ATRAZINE 4L HEBICIDE SHELL CHEMICAL CO	67.5 GAL
KARMEX DUPONT	4 LBS	WEED RHAP HEBICIDE HERCULES	100 LBS
PARAQUAT CL CHEVRON CHEMICAL ORTHO DIVISION	10 GAL	AMIBEN PREEMERGENCE WEED KILLER AMCHEM PRODUCTS, INC	3 GAL
BELT 33.3 G VELSICOL CHEMICAL CORP	250 LBS	FURADAN MOBAY CHEMICAL CORP	100 LBS
SPENCER CLOBBER GULF OIL CORP	30 GAL	ALDRIN 4 LFE SHELL CHEMICAL CO	10 GAL
FARM BIN SPRAY THOMPSON HAYWARD CHEMICAL CO	12 GAL	SEMIMOL 4 CARBARYL INSECTICIDE UNION CARBIDE CORP	5 GAL
TENORAN 50 WP HEBICIDE CIBA AGROCHEMICAL CO	30 LBS	FLAT GARD PUNCTURE COMPOUND	5 GAL
LOROX LINURON WEED KILLER EI DUPONT DEMOURS & CO INC	144 LBS	DYBAR FENURON WEED/BRUSH KILLER DUPONT	14 LBS
MO BAIT LOVELAND INDUSTRIES INC	16.5 GAL	DORMANT SPRAY CHEVRON CHEMICAL ORTHO DIVISION	1 GAL
PYDRIN INSECTICIDE SHELL CHEMICAL CO	1 GAL	SK SUREKILL BRAND HIGHLAND PRODUCTS INC	1 GAL
LOROX L WEED KILLER EI DUPONT DEMOURS & CO INC	5 GAL	BLITZ CONCRETE REMOVER MUNICHEM CORP	1 GAL

DITHANE M-45 24 LBS
ROHM & HAAS

COOPER-TOX EXTRA 3 QTS
COOPER

P-2 AG DYE MARKER 2 QTS
AGMARK, LAN PRODUCTS INC

GRUB KILLER 1 QT
COOPER & NEPHEWS INC

PEST-B-GONE WETTABLE 1 LB
CALIFORNIA SPRAY-CHEM CORP

GOLDEN MALRIN FLY BAIT 4 LB
STARBAR

GOLDEN MALRIN SUGAR BAIT 10 LB
STARBAR

SCREW WORM & EAR TICK KILLER 40 OZ
COOPER USA INC

CATTLE PURGE 42 OZ
ANCHOR LAB INC

SUTAN 5 GAL
STAUFFER CHEMICALS

SUPRACIDE 2E 5 GAL
CIBA-GIEGY CORP

NUDRIN 1.8 5 GAL
SHELL CHEMICAL

KLEAN KROP 5 GAL
THOMPSON HAYWARD CHEM CO

MOCAP EC 5 GAL
MOBIL CO

ERIK 80W 96 LBS
GEIGY

AGROX 3-WAY 180 OZ
ICI AMERICA INC

ISOTOX 25 SEED TREATER 9 OZ
CALIFORNIZ SPRAY-CHEMICAL CO

WOUND HEALER 5 OZ
ANCHOR LAB INC

TREAT-N-MARK 28 OZ
ANCHOR LAB INC

FOOT ROT REMEDY 70 OZ
ANCHOR LAB INC

BLUE WOUND DRESSING 35 OZ
EAGLES BACON PRODUCTS CO INC

ORTHOTROL 4 QTS
CHEVRON CHEMICAL
ORTHO DIVISION

HONEY-PAC 240 OZ
MUNICHEM CORP

3% CLODRIN INSECTICIDE 1 LB
SHELL CHEMICAL CO

HOME ORCHARD SPRAY 1 LB
CHEVRON CHEMICAL
ORTHO DIVISION

DED-WEED 1.25 GAL
THOMPSON HAYWARD CHEMICAL CO

SORBA-SPRAY MIP 1 GAL
LEFFINGWELL CHEMICAL CO

RAPID-KILL WEED KILLER 1 GAL
DEL CHEMICAL CORP

PANOGEN 15 LIQUID SEED DISINFECTANT
PANOGEN INC 2 QTS

SLICK SPREADER STICK WETTING AGENT
STARBAR 152 OZ

FLIPO MANGE TREATMENT 64 OZ
BACON PRODUCTS CO INC

LIVESTOCK SPRAY 12 OZ
PFIZER, AGRICULTURAL DIVISION

KIL-ZAL ROACH GUARD 1 PT
NATIONAL LABORATORIES

KILL-KO ROACH POWDER 48 OZ
RIGO CHEMICAL CO

BASAGRAN	1 GAL	REAL KILL BUG KILLER	1 PT
BASF WYANDOTTE CORP		COOK CHEMICAL CO	
		REAL KILL PRODUCTS DIVISION	
GOLDEN MALDRIN LIQUID	3 GAL	RAVAP	4 QTS
STARBAR		SHELL AG DIVISION	
ATGARD SWINE WORMER	1632 GR	KILL-KO	144 OZ
SHELL CHEMICAL CO		RIGO CO	
SUPERSWEET MANGE & LICE CONTROL		KILL-KO CYGON 2-E	9 PT
INTERNATIONAL MULTIFOODS CORP		RIGO CO	
	80 OZ		
AGRA LABS TECH II	1 GAL	ROACH & ANT KILLER	360 OZ
AGRA LABS INC		CHEMICAL INDUSTRIES INC	
AGRA LABS TECH I	12 QTS	PATTERSONS BHC EMULSION CONCENTRATE	
AGRA LABS INC		_____ -FERGUSON CHEMICAL CO	
			2 QTS
CYGON 267	1 GAL	BASF REBEL _____	1 GAL
AMERICAN CYANAINID CORP		BASF WYANDOTTE CORP	
DE-FEND E-267	5 GAL	BEXTON 4L	5 GAL
THOMPSON HAYWARD CHEMICAL CO		DOW CHEMICAL CO	
THIS	10 GAL	LIQUID ATRAZINE	5 GAL
STOLLER CHEMICAL COMPANY INC		TECHNE CORP	
ALANAP-L	50 GAL	TOXAPHENE 6 EC	40 GAL
UNIROYAL CHEMICAL CO		USS AGRICHEMICALS	
PREFOX	60 GAL	MALATHION GRAIN PROTECTOR	375 LBS
GULF OIL CHEMICALS CO		LOVELAND INDUSTRIES INC	
TREFLAN HERBICIDE	1 QT	FORAGE PRESERVATIVE	200 LBS
ELANCO PRODUCTS CO		TRIPLE F FEEDS	

TEN 1-QT PLASTIC CONTAINERS WITH NO MARKINGS WERE FOUND IN A BOX THAT WAS LABELED WITH THE FOLLOWING INFORMATION: FMC CORPORATION; ACTIVE INGREDIENTS: 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOPURARYL METHYLCARBAMATE, CARBOPURAN. ALL TEN OF THE CONTAINERS WERE FULL OF A LIQUID SUBSTANCE.

ON THE FOLLOWING ONE POUND PLASTIC CONTAINER, THE NAME HAD FADED BUT THE ACTIVE INGREDIENTS AND MANUFACTURER WERE LEGIBLE. THE MANUFACTURER WAS MOBAY CHEMICAL COMPANY AND THE ACTIVE INGREDIENTS WERE: 4-AMINO-6-(1,1-DIMETYLETHYL)-3-(METHYLTHIO)-1,2,4, TRIAZIN-5(HH)-ONE. THE MATERIAL IN THE CONTAINER WAS SOLID.

ECOLOGY & ENVIRONMENT, INC.

TAX 7 DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: South Mound Pesticides
 City: South Mound State: KANSAS
 Sample #: 1 TDD#: T07-9208-018
 Drum ID#: 1 PANS: EKS0361SAA

Inventoried by: Brooks/Fing
 Date Inventoried: 9/2/92
 Field Screening Required YES or NO
 Field Screening Completed: _____
 Reviewed by: _____
 Data Entry by: _____
 Time Sample Collected: _____

PLACED IN STORAGE AREA: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Metal <u>X</u>	Unknown _____	Unknown _____	Full _____
55 gal <u>X</u>	Fiber _____	Ring top _____	Good _____	3/4 full _____
30 gal _____	Glass _____	Closed top _____	Fair <u>X</u>	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor _____	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty _____
Other: Specify _____	Cylinder _____	Stopper _____		Other: Specify <u>< 1/4</u>
	Aerosol can _____	Other: Specify <u>bung</u>		
	Other: Specify _____			

CHEMICAL NAME AND/OR TRADENAME:

2,4, D

MANUFACTURE/COMMENTS:

CONTAINER COLOR

MATERIAL COLOR

MATERIAL STATE

CONTAINER COLOR	prim	sec	MATERIAL COLOR	prim	sec	MATERIAL STATE
clear	_____	_____	clear	_____	_____	solid _____
cream	_____	_____	cream	_____	_____	liquid _____
black	<u>X</u>	_____	black	_____	_____	sludge _____
white	_____	_____	white	_____	_____	gas _____
red	_____	_____	red	_____	_____	gel _____
green	_____	_____	green	_____	_____	trash _____
blue	_____	_____	blue	_____	_____	soil _____
blue/grn	_____	_____	blue/grn	_____	_____	
brown	_____	_____	brown	_____	_____	
amber	_____	_____	amber	_____	_____	
pink	_____	_____	pink	_____	_____	
orange	_____	_____	orange	_____	_____	
yellow	_____	_____	yellow	_____	_____	
gray	_____	_____	gray	_____	_____	
purple	_____	_____	purple	_____	_____	

mostly water

OVA READING: 545
 HNU READING: _____
 RADIOACTIVE: NO YES READING: _____

FIELD SCREENING/"HASCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION	COMMENTS:
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____	
Flammable	_____	_____	Liquid burns after match is removed	
			SETA Flash: 140F Temp: _____	
Oxidizer	_____	_____	Starch iodide paper turned dark	
Air Reactive	_____	_____	No HasCat definition	
Water Soluble	_____	_____	Dissolves in water	
			Float/Sink: comment: _____	
Water Reactive	_____	_____	Changes volume or becomes hot in water	
Halide	_____	_____	Green flame with copper wire	
Sulfide	_____	_____	Lead acetate paper turns dark	
Cyanide	_____	_____	Cyanide test turns deep Prussian blue	
Other tests performed	_____	_____	List/describe them: _____	

ECOLOGY & ENVIRONMENT, INC.

DOT 7 DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: South Mound Pesticides
 City: South Mound State: KANSAS
 Sample #: 2 TDD#: T07-9208-018
 Drum ID#: 2 PAN#: EKS03615AA

Inventoried by: Brooks/Finger
 Date Inventoried: 9/2/92
 Field Screening Required YES or NO
 Field Screening Completed: _____
 Reviewed by: _____
 Data Entry by: _____
 Time Sample Collected: _____

PLACED IN STORAGE AREA: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Meta- <u>X</u>	Unknown _____	Unknown _____	Full _____
55 gal <u>X</u>	Fiber _____	Ring top _____	Good _____	3/4 full <u>X</u>
30 gal _____	Glass _____	Closed top _____	Fair <u>X</u>	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor _____	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty _____
Other: Specify _____	Cylinder _____	Stopper _____	Other: Specify _____	Other: Specify _____
_____	Aerosol can _____	Other: Specify <u>bung</u>	_____	_____
_____	Other: Specify _____	_____	_____	_____

CHEMICAL NAME AND/OR TRADENAME:	CONTAINER COLOR		MATERIAL COLOR		MATERIAL STATE
	prim	sec	prim	sec	
MANUFACTURE/COMMENTS: <u>Primrose Oil Company</u> <u>Dallas, TX</u>	clear	_____	clear	_____	solid _____
	cream	_____	cream	_____	liquid _____
	black	_____	black	_____	sludge _____
	white	<u>X</u>	white	_____	gas _____
	red	_____	red	_____	gel _____
	green	_____	green	_____	trash _____
	blue	_____	blue	_____	soil _____
	blue/grn	_____	blue/grn	_____	_____
	brown	_____	brown	_____	_____
	amber	_____	amber	_____	_____
	pink	_____	pink	_____	_____
	orange	_____	orange	_____	_____
	yellow	_____	yellow	_____	_____
gray	_____	gray	_____	_____	
purple	_____	purple	_____	_____	

OVA READING: 195
 HNU READING: _____
 RADIOACTIVE: NO YES READING: _____

watery oil

FIELD SCREENING/"HASCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION	COMMENTS:
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____	
Flammable	_____	_____	Liquid burns after match is removed	
			SETA Flash (140F) Temp: _____	
Oxidizer	_____	_____	Starch iodide paper turned dark	
Air Reactive	_____	_____	No HasCat definition	
Water Soluble	_____	_____	Dissolves in water	
			Float/Sink; comment: _____	
Water Reactive	_____	_____	Changes volume or becomes hot in water	
Halide	_____	_____	Green flame with copper wire	
Sulfide	_____	_____	Lead acetate paper turns dark	
Cyanide	_____	_____	Cyanide test turns deep Prussian blue	
Other tests performed	_____	_____	List/describe them: _____	

ECOLOGY & ENVIRONMENT, INC.

TAT 7. DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: South Mound Pesticides
SEFAUSS PESTICIDES Site ID#: _____
 City: South Mound State: KANSAS
 Sample #: _____ TDD#: T07-9208-018^F
 Drum ID#: 3 PAN#: EKS0362SAA

Inventoried by: Brooks/Finger
 Date Inventoried: 9/2/92
 Field Screening Required YES or NO _____
 Field Screening Completed: _____
 Reviewed by: _____
 Data Entry by: _____
 Time Sample Collected: _____

PLACED IN STORAGE AREA: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Metal <u>X</u>	Unknown _____	Unknown _____	Full _____
55 gal <u>X</u>	Fiber _____	Ring top _____	Good _____	3/4 full _____
30 gal _____	Glass _____	Closed top _____	Fair <u>X</u>	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor _____	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty <u>X</u>
Other: Specify _____	Cylinder _____	Stopper _____	Other: Specify _____	Other: Specify _____
_____	Aerosol Can _____	Other: Specify <u>bung</u>	_____	_____
_____	Other: Specify _____	_____	_____	_____

CHEMICAL NAME AND/OR TRADENAME:	CONTAINER COLOR		MATERIAL COLOR		MATERIAL STATE	
	prim	sec	prim	sec	solid	liquid
MANUFACTURE/COMMENTS:	clear	_____	clear	_____	solid	_____
	cream	_____	cream	_____	liquid	_____
	black	_____	black	_____	sludge	_____
	white	_____	white	_____	gas	_____
	red	_____	red	_____	gel	_____
	green	_____	green	_____	trash	_____
	blue	<u>X</u>	blue	_____	soil	_____
	blue/grn	_____	blue/grn	_____	_____	_____
	brown	_____	brown	_____	_____	_____
	amber	_____	amber	_____	_____	_____
	pink	_____	pink	_____	_____	_____
	orange	_____	orange	_____	_____	_____
	yellow	_____	yellow	_____	_____	_____
gray	_____	gray	_____	_____	_____	
purple	_____	purple	_____	_____	_____	

OVA READING: _____
 HNU READING: _____
 RADIOACTIVE: NO YES PEADING: _____

FIELD SCREENING/"HASCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION	COMMENTS:
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____	
Flammable	_____	_____	Liquid burns after match is removed	
			SETA Flash < 140F Temp: _____	
Oxidizer	_____	_____	Starch iodide paper turned dark	
Air Reactive	_____	_____	No HasCat definition	
Water Soluble	_____	_____	Dissolves in water	
			Float/Sink: comment: _____	
Water Reactive	_____	_____	Changes volume or becomes hot in water	
Halide	_____	_____	Green flame with copper wire	
Sulfide	_____	_____	Lead acetate paper turns dark	
Cyanide	_____	_____	Cyanide test turns deep Prussian blue	
Other tests performed	_____	_____	List/describe them: _____	

ECOLOGY & ENVIRONMENT, INC.

South Mound Pesticides
EAT 7 DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: *Stearns Pesticides* Site ID#: _____

Inventoried by: *Brooks/Finger*

City: *Stearns South Mound* State: *KANSAS*

Date Inventoried: *9, 2, 92*

Sample #: *4* TDD#: *T07-9208-018*

Field Screening Required YES or NO

Drum ID#: *4* PANO: *EKS0364SAA*

Field Screening Completed: _____

Reviewed by: _____

PLACED IN STORAGE AREA: _____

Data Entry by: _____

Time Sample Collected: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Metal <u><i>X</i></u>	Unknown _____	Unknown _____	Full _____
55 gal <u><i>X</i></u>	Fiber _____	Ring top <u><i>X</i></u>	Good _____	3/4 full _____
30 gal _____	Glass _____	Closed top _____	Fair <u><i>X</i></u>	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor _____	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty _____
Other: Specify _____	Cylinder _____	Stopper _____		Other: Specify <u><i>1/3</i></u>
	Aerosol Tin _____	Other: Specify <u><i>bung</i></u>		
	Other: Specify _____			

CHEMICAL NAME AND/OR TRADENAME:	CONTAINER COLOR		MATERIAL COLOR		MATERIAL STATE	
	prim	sec	prim	sec		
MANUFACTURE/COMMENTS:	clear	_____	clear	_____	solid	<u><i>X</i></u>
	cream	_____	cream	_____	liquid	_____
	black	_____	black	_____	sludge	_____
	white	_____	white	_____	gas	_____
	red	_____	red	_____	gel	_____
	green	_____	green	_____	trash	_____
	blue	<u><i>X</i></u>	blue	_____	soil	_____
	blue/grn	_____	blue/grn	_____		
	brown	_____	brown	_____		
	amber	_____	amber	_____		
	pink	_____	pink	_____		
	orange	_____	orange	_____		
	yellow	_____	yellow	_____		
	gray	_____	gray	_____		
	purple	_____	purple	_____		

OVA READING: _____
 HNU READING: _____
 RADIOACTIVE: NO YES PENDING: _____

amber colored tartrate type material

FIELD SCREENING/"HASCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION	COMMENTS:
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____	
Flammable	_____	_____	Liquid burns after match is removed	
			SETA Flash: 140F Temp: _____	
Oxidizer	_____	_____	Starch iodide paper turned dark	
Air Reactive	_____	_____	No HasCat definition	
Water Soluble	_____	_____	Dissolves in water	
			Float/Sink; comment: _____	
Water Reactive	_____	_____	Changes volume or becomes hot in water	
Halide	_____	_____	Green flame with copper wire	
Sulfide	_____	_____	Lead acetate paper turns dark	
Cyanide	_____	_____	Cyanide test turns deep Prussian blue	
Other tests performed	_____	_____	List/describe them: _____	

ECOLOGY & ENVIRONMENT, INC.

TAX 7 DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: South mound Pesticides
~~Stevens Pesticides~~ Site ID#: _____
 City: South mound State: KANSAS
 Sample #: 5 TDD#: T07-9208-018
 Drum ID#: 5 PAN#: EKS036ZSAA

Inventoried by: Brooks/Finger
 Date Inventoried: 1/2/92
 Field Screening Required YES or NO
 Field Screening Completed: _____
 Reviewed by: _____
 Data Entry by: _____
 Time Sample Collected: _____

PLACED IN STORAGE AREA: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Meta- <u>X</u>	Unknown _____	Unknown _____	Full <u>X</u>
55 gal <u>X</u>	Fiber _____	Ring top _____	Good _____	3/4 full _____
30 gal _____	Glass _____	Closed top _____	Fair <u>V</u>	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor _____	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty _____
Other: Specify _____	Cylinder _____	Stopper _____		Other: Specify _____
	Aerosol _____	Other: Specify <u>bung</u>		
	Other: Specify _____			

CHEMICAL NAME AND/OR TRADENAME:

CONTAINER COLOR

MATERIAL COLOR

MATERIAL STATE

MANUFACTURE/COMMENTS:

	prim	sec		prim	sec	
clear	_____	_____	clear	_____	_____	solid
cream	_____	_____	cream	<u>X</u>	_____	liquid
black	<u>X</u>	_____	black	_____	_____	sludge <u>X</u>
white	_____	_____	white	_____	_____	gas
red	_____	_____	red	_____	_____	gel
green	_____	_____	green	_____	_____	trash
blue	_____	_____	blue	_____	_____	soil
blue/grn	_____	_____	blue/grn	_____	_____	
brown	_____	_____	brown	_____	_____	
amber	_____	_____	amber	_____	_____	
pink	_____	_____	pink	_____	_____	
orange	_____	_____	orange	_____	_____	
yellow	_____	_____	yellow	_____	_____	
gray	_____	_____	gray	_____	_____	
purple	_____	_____	purple	_____	_____	

OVA READING: >1000
 HNU READING: _____
 RADIOACTIVE: NO YES PEADING: _____

appears to be paint

Flashpoint

residue in bottom

FIELD SCREENING/"HASCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION	COMMENTS:
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____	
Flammable	_____	_____	Liquid burns after match is removed	
			SETA Flash < 140F Temp: _____	
Oxidizer	_____	_____	Starch iodide paper turned dark	
Air Reactive	_____	_____	No HasCat definition	
Water Soluble	_____	_____	Dissolves in water	
			Float/Sink; comment: _____	
Water Reactive	_____	_____	Changes volume or becomes hot in water	
Halide	_____	_____	Green flame with copper wire	
Sulfide	_____	_____	Lead acetate paper turns dark	
Cyanide	_____	_____	Cyanide test turns deep Prussian blue	
Other tests performed	_____	_____	List/describe them:	

ECOLOGY & ENVIRONMENT, INC.

EAT 7 DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: South Mound Pesticides
 City: South Mound State: KANSAS
 Sample #: _____ TDD#: T07-9208-018
 Drum ID#: 4 PANS: EKS0361SAA

Inventoried by: Brooks/Finger
 Date Inventoried: 9/2/92
 Field Screening Required YES or NO
 Field Screening Completed: _____
 Reviewed by: _____
 Data Entry by: _____
 Time Sample Collected: _____

PLACED IN STORAGE AREA: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Metal <input checked="" type="checkbox"/>	Unknown _____	Unknown _____	Full _____
55 gal <input checked="" type="checkbox"/>	Fiber _____	Ring top _____	Good _____	3/4 full _____
30 gal <input checked="" type="checkbox"/>	Glass _____	Closed top _____	Poor <input checked="" type="checkbox"/>	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor _____	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty <input checked="" type="checkbox"/>
Other: Specify _____	Cylinder _____	Stopper _____		Other: Specify _____
	Aerosol Tin _____	Other: Specify <u>bung</u>		
	Other: Specify _____			

CHEMICAL NAME AND/OR TRADENAME:

Multi-grade gear lube

MANUFACTURE/COMMENTS:

CONTAINER COLOR	MATERIAL COLOR		MATERIAL STATE
	prim	sec	
clear	_____	_____	solid _____
cream	_____	_____	liquid _____
black	<input checked="" type="checkbox"/>	_____	sludge _____
white	_____	_____	gas _____
red	_____	_____	gel _____
green	_____	_____	trash _____
blue	_____	_____	soil _____
blue/grn	_____	_____	
brown	_____	_____	
amber	_____	_____	
pink	_____	_____	
orange	_____	_____	
yellow	_____	_____	
gray	_____	_____	
purple	_____	_____	

OVA READING: _____
 HNU READING: _____
 RADIOACTIVE: NO YES PEADING: _____

FIELD SCREENING/"HAZCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION	COMMENTS:
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____	
Flammable	_____	_____	Liquid burns after match is removed	
			SETA Flash: 140F Temp: _____	
Oxidizer	_____	_____	Starch iodide paper turned dark	
Air Reactive	_____	_____	No HazCat definition	
Water Soluble	_____	_____	Dissolves in water	
			Float/Sink: comment: _____	
Water Reactive	_____	_____	Changes volume or becomes hot in water	
Halide	_____	_____	Green flame with copper wire	
Sulfide	_____	_____	Lead acetate paper turns dark	
Cyanide	_____	_____	Cyanide test turns deep Prussian blue	
Other tests performed	_____	_____	List/describe them: _____	

ECOLOGY & ENVIRONMENT, INC.

FAT 7. DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: South Mound Pesticides
~~Strawberry Pesticides~~ Site ID#: _____
 City: Strawberry South Mound State: KANSAS
 Sample #: 7 TDD#: T07-9208-A19
 Drum ID#: 7 PAN#: EKS03625AA

Inventoried by: Brooks/Finger
 Date Inventoried: 7/2/92
 Field Screening Required YES or NO _____
 Field Screening Completed: _____
 Reviewed by: _____
 Data Entry by: _____
 Time Sample Collected: _____

PLACED IN STORAGE AREA: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Meta- <u>X</u>	Unknown _____	Unknown _____	Full _____
55 gal <u>X</u>	Fiber _____	Ring top _____	Good _____	3/4 full <u>X</u>
30 gal _____	Glass _____	Closed top _____	Fair <u>X</u>	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor _____	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty _____
Other: Specify _____	Cylinder _____	Stopper _____	Other: Specify _____	Other: Specify _____
_____	Aerosol tin _____	Other: Specify <u>bungs</u>	_____	_____
_____	Other: Specify _____	_____	_____	_____

CHEMICAL NAME AND/OR TRADENAME:

CONTAINER COLOR

MATERIAL COLOR

MATERIAL STATE

MANUFACTURE/COMMENTS:

CONTAINER COLOR	prim	sec	MATERIAL COLOR	prim	sec	MATERIAL STATE
clear	_____	_____	clear	_____	_____	solid <u>X</u>
cream	_____	_____	cream	_____	_____	liquid _____
black	_____	_____	black	_____	_____	sludge _____
white	_____	_____	white	_____	_____	gas _____
red	_____	_____	red	_____	_____	gel _____
green	_____	_____	green	_____	_____	trash _____
blue	_____	_____	blue	_____	_____	soil _____
blue/grn	_____	_____	blue/grn	_____	_____	_____
brown	_____	_____	brown	_____	_____	_____
amber	_____	_____	amber	_____	_____	Bin. liquid on top
pink	_____	_____	pink	_____	_____	_____
orange	_____	_____	orange	_____	_____	_____
yellow	<u>X</u>	_____	yellow	<u>X</u>	_____	_____
gray	_____	_____	gray	_____	_____	_____
purple	_____	_____	purple	_____	_____	_____

OVA READING: 500
 HNU READING: _____
 RADIOACTIVE: NO YES PEADING: _____

Flashpoint

clear amber liquid was all that was collected

FIELD SCREENING/"HAZCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION	COMMENTS:
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____	
Flammable	_____	_____	Liquid burns after match is removed	
			SETA Flash < 140F Temp: _____	
Oxidizer	_____	_____	Starch iodide paper turned dark	
Air Reactive	_____	_____	No HazCat definition	
Water Soluble	_____	_____	Dissolves in water	
			Float/Sink: comment: _____	
Water Reactive	_____	_____	Changes volume or becomes hot in water	
Halide	_____	_____	Green flame with copper wire	
Sulfide	_____	_____	Lead acetate paper turns dark	
Cyanide	_____	_____	Cyanide test turns deep Prussian blue	
Other tests performed	_____	_____	List/describe them:	

ECOLOGY & ENVIRONMENT, INC.
TAT 7 DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: South Mound Pesticides
~~Straw Pesticides~~ site ID#: _____
 City: Strawn South Mound State: KANSAS
 Sample #: 8 TDD#: T07-9208-019
 Drum ID#: 8 PAN#: EKS03675AA

Inventoried by: Brooks/Finger
 Date Inventoried: 9/2/92
 Field Screening Required YES or NO _____
 Field Screening Completed: _____
 Reviewed by: _____
 Date Entry by: _____
 Time Sample Collected: _____

PLACED IN STORAGE AREA: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Metal <input checked="" type="checkbox"/>	Unknown _____	Unknown _____	Full <input checked="" type="checkbox"/>
55 gal <input checked="" type="checkbox"/>	Fiber _____	Ring top _____	Good _____	3/4 full <input checked="" type="checkbox"/>
30 gal _____	Glass _____	Closed top _____	Fair _____	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor <input checked="" type="checkbox"/>	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty _____
Other: Specify _____	Cylinder _____	Stopper _____	Other: Specify _____	Other: Specify _____
_____	Aerosol can _____	Other: Specify <u>None</u>	_____	_____
_____	Other: Specify _____	_____	_____	_____

paint solid

CHEMICAL NAME AND/OR TRADENAME:

CONTAINER COLOR

MATERIAL COLOR

MATERIAL STATE

MANUFACTURE/COMMENTS:

	prim	sec		prim	sec	
clear	_____	_____	clear	_____	_____	solid
cream	_____	_____	cream	<input checked="" type="checkbox"/>	_____	liquid <i>→ solid</i>
black	_____	_____	black	_____	_____	sludge
white	<input checked="" type="checkbox"/>	_____	white	_____	_____	gas
red	_____	_____	red	_____	_____	gel
green	_____	_____	green	_____	_____	trash
blue	_____	_____	blue	_____	_____	soil
blue/grn	_____	_____	blue/grn	_____	_____	
brown	_____	_____	brown	<input checked="" type="checkbox"/>	_____	
amber	_____	_____	amber	_____	_____	
pink	_____	_____	pink	_____	_____	
orange	_____	_____	orange	_____	_____	
yellow	_____	_____	yellow	_____	_____	
gray	_____	_____	gray	_____	_____	
purple	_____	_____	purple	_____	_____	

OVA READING: φ
 HNU READING: _____
 RADIOACTIVE: NO YES READING: _____

Flashpoint

standing water on top of a solid

FIELD SCREENING/"MAXCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____
Flammable	_____	_____	Liquid burns after match is removed SETA Flash < 140F Temp: _____
Oxidizer	_____	_____	Starch iodide paper turned dark
Air Reactive	_____	_____	No HazCat definition
Water Soluble	_____	_____	Dissolves in water Float/Sink: comment: _____
Water Reactive	_____	_____	Changes volume or becomes hot in water
Halide	_____	_____	Green flame with copper wire
Sulfide	_____	_____	Lead acetate paper turns dark
Cyanide	_____	_____	Cyanide test turns deep Prussian blue
Other tests performed	_____	_____	List/describe them: _____

*dried paint
 solid layer on top
 of liquid
 sample collected
 mostly from solid*

ECOLOGY & ENVIRONMENT, INC.
TAT 7 DRUM INVENTORY/FIELD SCREENING SHEET

Site Name: South Mound Pesticides
Strauss Pesticides Site ID#: _____
 City: Strauss South Mound State: KANSAS
 Sample #: 8 TDD#: T07-9208-019
 Drum ID#: 9 PANS: EKS0362SAA

Inventoried by: Brooks/Finger
 Date Inventoried: 9, 2, 92
 Field Screening Required YES or NO _____
 Field Screening Completed: _____
 Reviewed by: _____
 Data Entry by: _____
 Time Sample Collected: _____

PLACED IN STORAGE AREA: _____

CONTAINER SIZE	CONTAINER TYPE	CONTAINER OPENING	CONTAINER CONDITION	CONTENT AMOUNT
85 gal _____	Metal <u>X</u>	Unknown _____	Unknown _____	Full <u>X</u>
55 gal <u>X</u>	Fiber _____	Ring top _____	Good _____	3/4 full _____
30 gal _____	Glass _____	Closed top _____	Fair <u>X</u>	1/2 full _____
5 gal _____	Plastic _____	Screw top _____	Poor _____	1/4 full _____
1 gal _____	Pressure _____	Open top _____	Leaking _____	Empty _____
Other: Specify _____	Cylinder _____	Stopper _____		Other: Specify _____
	Aerosol can _____	Other: Specify <u>bung</u>		
	Other: Specify _____			

CHEMICAL NAME AND/OR TRADENAME:

CONTAINER COLOR

MATERIAL COLOR

MATERIAL STATE

MANUFACTURE/COMMENTS:

	prim	sec		prim	sec	
clear	_____	_____	clear	_____	_____	solid
cream	_____	_____	cream	<u>X</u>	_____	liquid <u>X</u>
black	_____	_____	black	_____	_____	sludge _____
white	<u>X</u>	_____	white	<u>X</u>	_____	gas _____
red	_____	_____	red	_____	_____	gel _____
green	_____	_____	green	_____	_____	trash _____
blue	_____	_____	blue	_____	_____	soil _____
blue/grn	_____	_____	blue/grn	_____	_____	
brown	_____	_____	brown	_____	_____	
amber	_____	_____	amber	_____	_____	
pink	_____	_____	pink	_____	_____	
orange	_____	_____	orange	_____	_____	
yellow	_____	_____	yellow	_____	_____	
gray	_____	_____	gray	_____	_____	
purple	_____	_____	purple	_____	_____	

OVA READING: > 1000
 HNU READING: _____
 RADIOACTIVE: NO YES READING: _____

Flashpoint

FIELD SCREENING/"HASCAT" DATA

PERFORMED BY: _____ DATE: _____

SAMPLE DESCRIPTION:

	YES	NO	TEST DESCRIPTION	COMMENTS:
Corrosive	_____	_____	pH < 2 or pH > 12; actual pH _____	
Flammable	_____	_____	Liquid burns after match is removed	
			SETA Flash(140F Temp: _____	
Oxidizer	_____	_____	Starch iodide paper turned dark	
Air Reactive	_____	_____	No Hascat definition	
Water Soluble	_____	_____	Dissolves in water	
			Float/Sink; comment: _____	
Water Reactive	_____	_____	Changes volume or becomes hot in water	
Halide	_____	_____	Green flame with copper wire	
Sulfide	_____	_____	Lead acetate paper turns dark	
Cyanide	_____	_____	Cyanide test turns deep Prussian blue	
Other tests performed	_____	_____	List/describe them:	

Ecology and Environment, Inc.

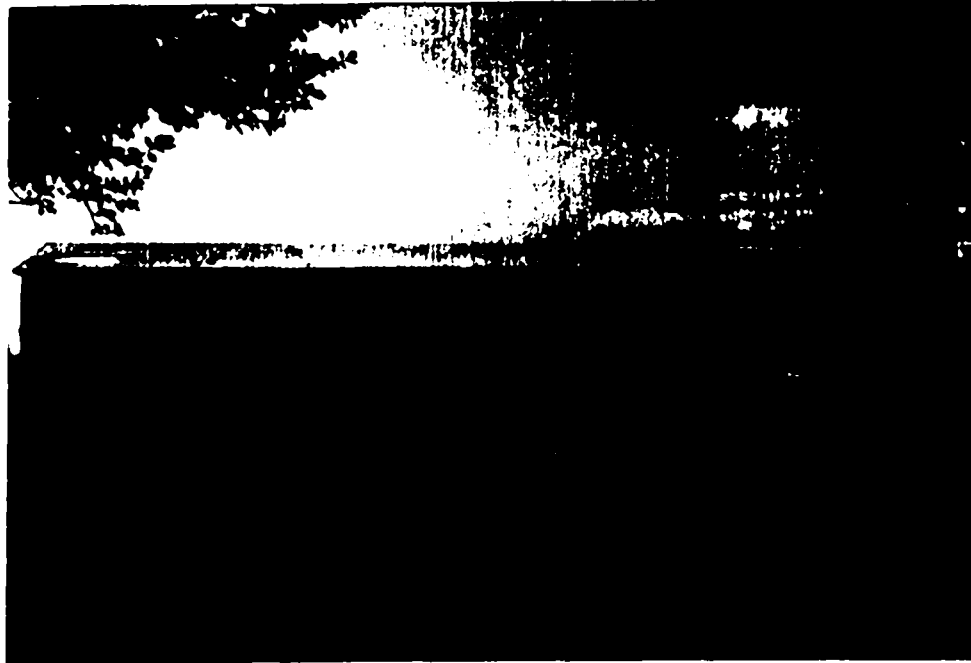
Photographic Record

Client: EPA
Camera Make: Olympus

E & E Job No.: ZT2071
Serial No. : 1048989

SITE NAME: South Mound Pesticides
SITE LOCATION: South Mound, Kansas
TDD/PAN No.: T07-9210-054/EKS0361SBA

Photographer: Brooks
Date/Time : 9-2-92/1419
Lens: Type: 50 mm
Serial No.: 1036045
Frame No. : 5
Direction : West
Comments : Overview of shed.



Photographer: Brooks
Date/Time : 9-2-92/0829
Lens: Type: 50 mm
Serial No.: 1036045
Frame No. : 1
Direction : West
Comments : Containerized
products in shed.



Ecology and Environment, Inc.

Photographic Record

Client: EPA
Camera Make: Olympus

E & E Job No.: ZT2071
Serial No. : 1048989

SITE NAME: South Mound Pesticides
SITE LOCATION: South Mound, Kansas
TDD/PAN No.: T07-9210-054/EKS0361SBA

Photographer: Brooks
Date/Time : 9-2-92/1325
Lens: Type: 50 mm
Serial No.: 1036045
Frame No. : 2
Direction : South
Comments : Drums sampled
near old shed.



HAZ

USABLE

SOUTH MOUND PESTICIDES INVENTORY

MOCAP MOBIL CHEMICAL	700 LBS	MILOGARD 80W CIBA-GEIGY	60 LBS
WEED BEADS DOW CHEMICAL	60 LBS	TETRAKOTE DOUGLAS CHEMICAL	2 GAL
MODOWN MOBIL CHEMICAL	10 LBS, 2.5 GAL	BALAN HERBICIDE ELANCO	5 GAL
BHC 12-W STAUFFER CHEMICAL	36 LBS	SORBA-SPRAY ZNP LEFFINGWELL CHEMICAL CO	5 GAL
ORTHENE 755 CHEVRON CHEMICAL ORTHO DIVISION	10 LBS	DISINTEGRATING SULPHUR FLAKES YELLOWSTONE SULPHUR BRAND MONTANA SULPHUR & CHEMICAL CO	1050 LBS
ORTHENE INSECTICIDE CHEVRON CHEMICAL ORTHO DIVISION	10 LBS	ATRAZINE 4L HEBICIDE SHELL CHEMICAL CO	67.5 GAL
KARMEK DUPONT	4 LBS	WEED RHAP HEBICIDE HERCULES	100 LBS
PARAQUAT CL CHEVRON CHEMICAL ORTHO DIVISION	10 GAL	AMIBEN PREEMERGENCE WEED KILLER AMCHEM PRODUCTS, INC	3 GAL
BELT 33.3 G VELSICOL CHEMICAL CORP	250 LBS	FURADAN MOBAY CHEMICAL CORP	100 LBS
SPENCER CLOBBER GULF OIL CORP	30 GAL	ALDRIN 4 LFE SHELL CHEMICAL CO	10 GAL
FARM BIN SPRAY THOMPSON HAYWARD CHEMICAL CO	12 GAL	SEMIMOL 4 CARBARYL INSECTICIDE UNION CARBIDE CORP	5 GAL
TENORAN 50 WP HEBICIDE CIBA AGROCHEMICAL CO	30 LBS	FLAT GARD PUNCTURE COMPOUND	5 GAL
LOROX LINURON WEED KILLER EI DUPONT DEMOURS & CO INC	144 LBS	DYBAR FENURON WEED/BRUSH KILLER DUPONT	14 LBS
MO BAIT LOVELAND INDUSTRIES INC	16.5 GAL	DORMANT SPRAY CHEVRON CHEMICAL ORTHO DIVISION	1 GAL
PYDRIN INSECTICIDE SHELL CHEMICAL CO	1 GAL	SK SUREKILL BRAND HIGHLAND PRODUCTS INC	1 GAL
LOROX L WEED KILLER EI DUPONT DEMOURS & CO INC	5 GAL	BLITZ CONCRETE REMOVER MUNICHEM CORP	1 GAL

DITHANE M-45 24 LBS
ROHM & HAAS

COOPER-TOX EXTRA 3 QTS
COOPER

P-2 AG DYE MARKER 2 QTS
AGMARK, LAN PRODUCTS INC

GRUB KILLER 1 QT
COOPER & NEPHEWS INC

PEST-B-GONE WETTABLE 1 LB
CALIFORNIA SPRAY-CHEM CORP

GOLDEN MALRIN FLY BAIT 4 LB
STARBAR

GOLDEN MALRIN SUGAR BAIT 10 LB
STARBAR

SCREW WORM & EAR TICK KILLER 40 OZ
COOPER USA INC

CATTLE PURGE 42 OZ
ANCHOR LAB INC

SUTAN 5 GAL
STAUFFER CHEMICALS

SUPRACIDE 2E 5 GAL
CIBA-GIEGY CORP

NUDRIN 1.8 5 GAL
SHELL CHEMICAL

KLEAN KROP 5 GAL
THOMPSON HAYWARD CHEM CO

MOCAP EC 5 GAL
MOBIL CO

~~BIK~~ 80W 96 LBS
GEIGY

AGROX 3-WAY 180 OZ
ICI AMERICA INC

ISOTOX 25 SEED TREATER 9 OZ
CALIFORNIZ SPRAY-CHEMICAL CO

WOUND HEALER 5 OZ
ANCHOR LAB INC

TREAT-N-MARK 28 OZ
ANCHOR LAB INC

FOOT ROT REMEDY 70 OZ
ANCHOR LAB INC

BLUE WOUND DRESSING 35 OZ
EAGLES BACON PRODUCTS CO INC

ORTHOTROL 4 QTS
CHEVRON CHEMICAL
ORTHO DIVISION

HONEY-PAC 240 OZ
MUNICHEM CORP

3% CLODRIN INSECTICIDE 1 LB
SHELL CHEMICAL CO

HOME ORCHARD SPRAY 1 LB
CHEVRON CHEMICAL
ORTHO DIVISION

DED-WEED 1.25 GAL
THOMPSON HAYWARD CHEMICAL CO

SORBA-SPRAY MIP 1 GAL
LEFFINGWELL CHEMICAL CO

RAPID-KILL WEED KILLER 1 GAL
DEL CHEMICAL CORP

PANOGEN 15 LIQUID SEED DISINFECTANT
PANOGEN INC 2 QTS

SLICK SPREADER STICK WETTING AGENT
STARBAR 152 OZ

FLIPO MANGE TREATMENT 64 OZ
BACON PRODUCTS CO INC

LIVESTOCK SPRAY 12 OZ
PFIZER, AGRICULTURAL DIVISION

KIL-ZAL ROACH GUARD 1 PT
NATIONAL LABORATORIES

KILL-KO ROACH POWDER 48 OZ
RIGO CHEMICAL CO

BASAGRAN	1 GAL	REAL KILL BUG KILLER	1 PT
BASF WYANDOTTE CORP		COOK CHEMICAL CO	
		REAL KILL PRODUCTS DIVISION	
GOLDEN MALDRIN LIQUID	3 GAL	RAVAP	4 QTS
STARBAR		SHELL AG DIVISION	
ATGARD SWINE WORMER	1632 GR	KILL-KO	144 OZ
SHELL CHEMICAL CO		RIGO CO	
SUPERSWEET MANGE & LICE CONTROL		KILL-KO CYGON 2-E	9 PT
INTERNATIONAL MULTIFOODS CORP		RIGO CO	
	80 OZ		
AGRA LABS TECH II	1 GAL	ROACH & ANT KILLER	360 OZ
AGRA LABS INC		CHEMICAL INDUSTRIES INC	
AGRA LABS TECH I	12 QTS	PATTERSONS BHC EMULSION CONCENTRATE	
AGRA LABS INC		_____ -FERGUSON CHEMICAL CO	
			2 QTS
CYGON 267	1 GAL	BASF REBEL _____	1 GAL
AMERICAN CYANAINID CORP		BASF WYANDOTTE CORP	
DE-FEND E-267	5 GAL	BEXTON 4L	5 GAL
THOMPSON HAYWARD CHEMICAL CO		DOW CHEMICAL CO	
THIS	10 GAL	LIQUID ATRAZINE	5 GAL
STOLLER CHEMICAL COMPANY INC		TECHNE CORP	
ALANAP-L	50 GAL	TOXAPHENE 6 EC	40 GAL
UNIROYAL CHEMICAL CO		USS AGRICHEMICALS	
PREFOX	60 GAL	MALATHION GRAIN PROTECTOR	375 LBS
GULF OIL CHEMICALS CO		LOVELAND INDUSTRIES INC	
TREFLAN HERBICIDE	1 QT	FORAGE PRESERVATIVE	200 LBS
ELANCO PRODUCTS CO		TRIPLE F FEEDS	

TEN 1-QT PLASTIC CONTAINERS WITH NO MARKINGS WERE FOUND IN A BOX THAT WAS LABELED WITH THE FOLLOWING INFORMATION: FMC CORPORATION; ACTIVE INGREDIENTS: 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOPURARYL METHYLCARBAMATE, CARBOPURAN. ALL TEN OF THE CONTAINERS WERE FULL OF A LIQUID SUBSTANCE.

ON THE FOLLOWING ONE POUND PLASTIC CONTAINER, THE NAME HAD FADED BUT THE ACTIVE INGREDIENTS AND MANUFACTURER WERE LEGIBLE. THE MANUFACTURER WAS MOBAY CHEMICAL COMPANY AND THE ACTIVE INGREDIENTS WERE: 4-AMINO-6-(1,1-DIMETYLETHYL)-3-(METHYLTHIO)-1,2,4, TRIAZIN-5(HH)-ONE. THE MATERIAL IN THE CONTAINER WAS SOLID.

PESTICIDES WHICH MAY BE USED
March 4, 1991

✓ 1 gallon	Cygon —	
✓ one-12# bag	Orthene 755	
✓ 3 cans	Paraquat CL	**RUP**
?	Lindane	
5 cases	Clobber	
twelve-5 gallon	Perfox	
2 cases	Evic 80W	
5 gallons	Supracide 2B	**RUP**
✓ two-50# bags	Weed Beads	
two-5 gallon	Bladex 4L	**RUP**
✓ 1 gallon	Pydria —	**RUP**
3 cases	Lorox	
5 gallons	Lorox L	
1 case	Londak	
?	Tenoran	
5 gallons	Methomyl	
two-15# cans	Dybar	
seven-50# bags	Grain Protectant 2% Malathion	
✓ 2 gallons	Malathion Farm Bin Spray —	
16 gallons	Mobait	
11 gallons	Farm Bin Spray	
5 gallons	Defend 267	
ten-5 gallons	Alnap L	
twelve-5 gallons	Cobex	
two-5# bags	Dylox 80%	
two-50# bags	Paradan 10G	**RUP**
thirteen-3# bags	Dithane M-45	
3 gallons	Amiben 264-138	
5 gallons	Sevimol 4	
one-55 gallons	Sevin 4 Oil	
✓ seventeen-50# bags	Mocap 10G	**RUP**
✓ 5 gallons	Mocap EC	**RUP**
✓ one-20# bag	Modown	
	Chem Hoe	