Perma-Treat

US EPA RECORDS CENTER REGION 5
472748

FIELD BOOK

FB 802

I. 1

BLV Waste Science and Technology Corp.

Attn: R. McAvoy
101 N. Wacker Dr. Suite 1100
Chicago, IL 60606
312/346-3775

Perma-Treat of Illinois, Inc.
70970.106

The paper in this book is made of 50% high grade rag stock with a WATER RESISTING surface sizing.

John P. Chitwood 7/29/93 (1)

0800 Airport Best-Western pre-recon meeting to plan recon activities.
Local emergency numbers:
- Marion Police 911
- Williamson County Sheriff 997-6541
- Marion Fire Dept. 911
- Nat'l Response Center - Toxic Chemical and Oil Spills 1-800-424-8802
- Marion Memorial Hospital 917 W. Main 997-5341

0840 M. Lee and I depart for site. Weather: Sunny - 5-10 mph NW wind, Temp - 75°, forecast high of 90°F later today.

0850 Arrived at site. Front office directed us to the yard office.

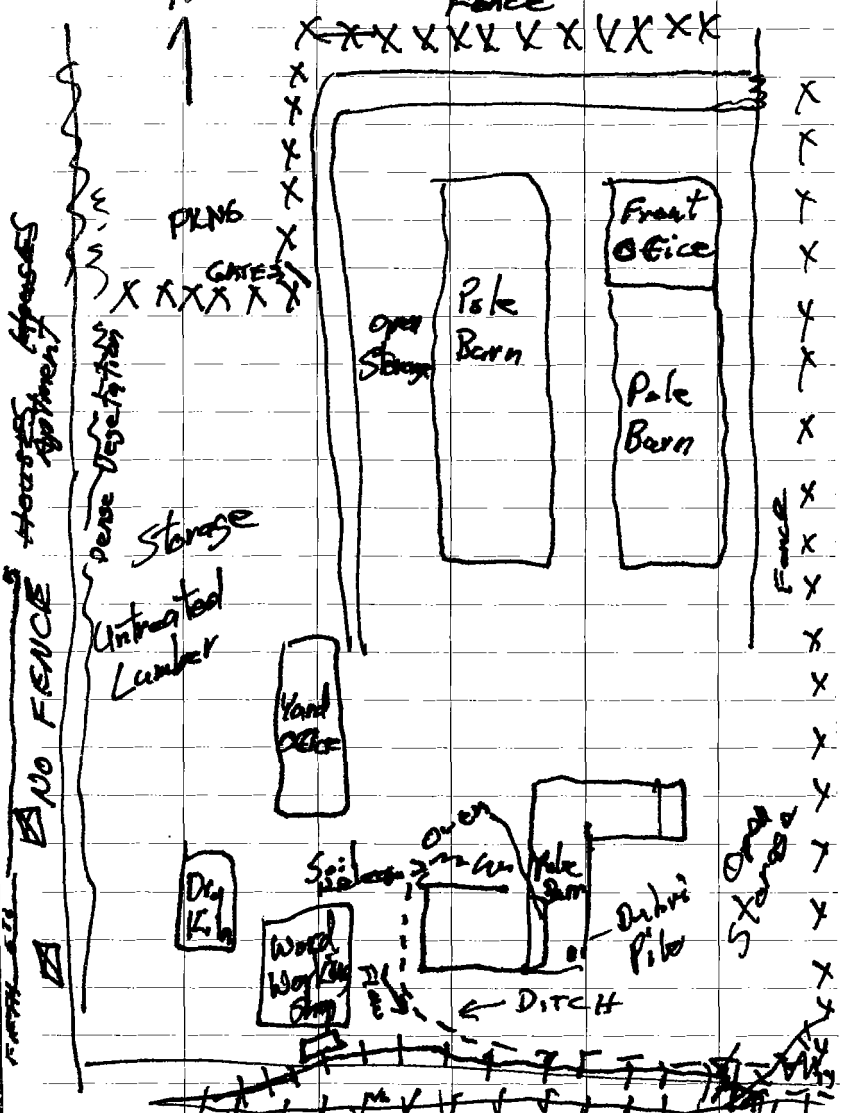
0855 Arrived at yard office. Chris Edwards met us at door and directed us to Rudy Bond's office. Mr. Bond is not yet here, but is on his way in.

0905 R. Bond arrives, w/C.J. Bond.

John P. Chitwood 7/29/93

(2) John P. Chitwood 7/29/93

Not to Scale



John P. Chitwood 7/29/93

0910 Mr. Bond described process leading to stockpiling of treatment residue, which has been removed. He stated IEPA has been onsite three times this year. Debris pile was removed. It was on the drip pad.
Apartment/residences exist on west side of site property.
No wells exist in the immediate area.
west side of property is former city lake - very soft marshy area
Release to soil (1985) was cleaned up, neutralized w/ lime, and drummed and sent to disposal facility.
C.J. Bond provided material safety data sheet for copper chromium arsenate. Mr. Bond stated Mr. Abraham (EPA wood Preservative Expert) contends CCA should not be considered a problem. CCA is a non leachable.
0930 Site tour w/ R. Bond & C. Edwards.
Dry Kiln dries untreated lumber
0940 Treated lumber removed from oven,

JPE (2) (4)
7/24/93

John P. Chitwood 7/29/93

Photo Log

0940* Photo 1 South View. NW soil release area. Soil was removed. (Top 6"). M. Lee photo.

0950* Photo 2 NW View SE side of treatment building from SE site corner.

1010 Photo 3 SW View Yard from NW corner. M. Lee Photo

* *NOTE; Photos 1 & 2 were taken at 0940 and 0950. Photo board in picture errantly shows 1040 and 1050, respectively

John Chitwood 7/29/93

John P. Chitwood 7/29/93

John P. Chitwood 7/29/93 (5)

no noticeable odor.

0950 Observed overland flow route exiting SE corner of site.

0955 Continued tour through center of yard, noting general storage. Center storage yard contains both treated and untreated lumber. Perimeter storage yards contain only untreated lumber. Fence only on North and East sides of site. Dense vegetation along west side of site.

1020 Depart site to inspect nearby areas.

1045 Visit Marion Chamber of Commerce. Picked up Marion City Map.

1050 Observe 2 residence between site and 4/8th St., south of Melane St and north of CO&E RR. Town and Country Apartments are north of Melane and abut west site perimeter.

JPC 7/29/93

1100 Observe salmon pink colored building on NE corner of Melane and 7th Sts. Appears to be a well house.

John P. Chitwood 7/29/93

(6) John P. Clitwood 7/29/93

or a sewage lift station. A large handwheel is located on west side of building - and may operate a subsurface gate. Building is enclosed by a chain link fence topped w/ 3-5 strands barbed wire. Above ground electric line runs to building.

1105 Complete recon sweep of residential area west of site. Numerous fire hydrants imply city water distribution system. No wells sighted on 4th, 5th, 7th or Melane Sts.

1120 Observed stream channel west of Market St on Boyton (Hendrickson) St. Water is present.

1125 Observed Crab Orchard Creek at RT 37 bridge. No visible chemical contamination or sheen; however, quite a bit of trash.

1150 Depart area.

John Clitwood 7/29/93

John Clitwood 7/29/93

John Clutwood 3/22/94 (7)

1755 Opened box of 24 4oz bottles. JPC 3/22/94
I-Chem, Lot #3050012
Opened box of 24 8oz bottles
Eagle Picher Lot F1205050 Approval Date
Opened box of 24 8oz bottles
Eagle Picher Lot F2074010 Approval Date 4/10/92
Opened box of 24 8oz 4oz bottles. JPC 3/22/94
I-Chem Lot# 3050012.
All boxes were full. Eagle Picher Lot F2074010 had been previously opened and resealed w/ EPA custody seals.
1945 Completed labeling bottles.

John Clutwood 3/22/94

John Clutwood 3/22/94

(8)

J. Allen 3/23/94

0750 ALBANO & CHITWOOD STOP AT PAMELA PARK TO CALIBRATE MONITORING EQUIPMENT.

HNU UNIT : 717881

10.2 PROBE: 717951

GAS VALVE: 717905

BUTYLENE GAS LOT: 28984

HNU READING 57 ppm @ 7.5 span

ADJUST from 9.2.

BATTERY : OK

LEL/CGI : UNIT 717900

LEL AT 0 %

OXYGEN 21.0 %

TOX : 0 % (PPM)

METHANE/OXYGEN GAS LOT 28977/2

OXYGEN ADJUST from 16.2 TO 15 %

LEL % AT 50.

RADMETER: 71790

BATTERY :OK

NO ADJUSTMENT.

NO MONOTOX-CYANIDE METER AVAILABLE.

J. Allen 3/23/94

J. Albano 3/23/94

NO DOT SHIPPING LABELS PACKED. SAMPLES TO BE SHIPPED WHEN CREW RETURNS TO CHICAGO.

0815 CALIBRATION OF EQUIPMENT COMPLETE. ALBANO & CHITWOOD HEAD OVER TO PERMA-TREAT.

0820 CREW ARRIVES ONSITE:
FTL | HPO J. ALBANO.
FDC | SAMPLER J. CHITWOOD.

WEATHER: PARTLY CLOUDY, SUNNY SKIES. FORCASTED RAIN LATE AFTERNOON. TEMP AT 40°F.

0830 MEET WITH ROGER WALKER: CONSULTANT FOR PT., RUDY BOND. OWNER.

ROGER TO ACCOMPANY CREW DURING SAMPLING.

0840 CREW AT SAMPLE LOCATION SS01
NO READINGS ON MONITORING EQUIPMENT

0845 CHITWOOD MEASURES DISTANCE FROM CONCRETE PAD TO SS01 LOCATION: 135'. ~~DEV~~ (2D) DUE WEST

J. Albano 3/23/94

(10) J. Allen 3/23/94

0845 J. CHITWOOD COLLECTS SS01.
R. WALKER COLLECTS (2) REQUEST
SPLIT OF INORGANICS. SOIL IS
BROWN SILTY CLAY; SLIGHTLY
MOIST.

PT SPLIT WILL BE ANALYZED FOR
CCA.

SAMPLE DEPTH: 0-3".

0850 PHOTO #1 ROLL #1 VIEW
TO SW. SAMPLE LOCATION SS01.

0900 CREW MOVES TO SS02 SAMPLE
LOCATION. CHITWOOD MEASURES
DISTANCE FROM SAMPLE LOCATION
TO CONCRETE PAD. 172' DUE WEST
35' FROM TO OF PAD DUE SOUTH.

R. WALKER GIVES J. CHITWOOD
SPLIT SAMPLE JAR.

0905 CHITWOOD COLLECTS SS02.
SOIL IS SILTY CLAY, BLACK, WITH
SOME ORGANIC MATTER.

J. Allen 3/23/94

J. Allen 3/23/94

EARTHWORMS NOTED IN SOIL.

SOIL EXCAVATION DEPTH IS 0-3".

0915 [PHOTO #3 ROLL #2] VIEW SW. SAMPLE LOCATION SS02

(SS02 PHOTO #2 NOTED ON PLACARD).

0915 [PHOTO #4 ROLL #2] VIEW TO SW. SAMPLE SS02 LOCATION.

0930 CREW MOVES TO SS03 & SS04 LOCATIONS. NO READINGS ON MONITORING EQUIPMENT. ALL EQUAL TO BACKGROUND.

CHITWOOD MEASURED SS03 FROM NW CORNER OF CONTROL ROOM 10' N 24½' E. SS04 IS 15' N, 6' E.

0932 CHITWOOD SAMPLED SS03. R. WALKER PROVIDE SPLIT JAR

SOIL IS SILTY CLAY: COLOR: TOP REDDISH BROWN, LOWER BROWN/GRAY.

J. Allen 3/23/94

(12) J. Allen 3/23/94

SOIL DEPTH AT SS03 IS 0-2".

0947 [PHOTO #5 ROLL #2] VIEW TO NW SAMPLE LOCATION SS03.

0950 CHITWOOD MOVES TO SS04. COLLECTS SS04. SILTY CLAY - BROWN. (SOME GRAVEL) — CHITWOOD COLLECTS SPLIT SAMPLE FOR R. WALKER.

1000 [PHOTO #6 ROLL #2] VIEW TO NW. SAMPLE LOCATION SS04 (NOTE: PLACARD NOTED AT SS03).

1005 [PHOTO #7 ROLL #2] VIEW TO SW. SS03 AND SS04 SAMPLE LOCATIONS. —

1006 CREW MOVES TO NEXT SAMPLE LOCATION. —

1020 R. BOND REQUEST THAT SS07 LOCATION BE NOTED TO CONTAIN SMALL WOOD CHIPS TREATED WITH CCA. SMALL GREEN CHIPS OBSERVED.

CHITWOOD COLLECTS SS07 - SOIL IS SILTY CLAY - MOIST, BROWN.

J. Allen 3/23/94

J. Allen 3/23/94

1028 PHOTO #8 ROLL 2 VIEW TO W.
SS05 SAMPLE LOCATION

1030 PHOTO #9 ROLL #2 VIEW TO W.
SS05 SAMPLE LOCATION - EXPANDED.

1032 CHITWOOD COLLECTS SS06:
SOIL IS SILTY CLAY. SOME CHARCOAL
OBSERVED AT SOIL LOCATION.

1040 PHOTO # 10 ROLL #2 VIEW TO N
SAMPLE LOCATION SS06.

1042 PHOTO #11 ROLL #2 VIEW TO N
VIEW OF SAMPLE SS06. (EXPANDED)

1045 CHITWOOD COLLECTS SS07. SOIL
IS DRY BROWN, SANDY CLAY.

NOTE: SOME CHARCOAL OBSERVED. ALSO
SLIGHT FREQUENT VARIATION NOTED;
READINGS 0.1 (LESS THAN). ONE READING TO
.2 MR/H

1050 PHOTO #12 ROLL #2 VIEW TO N.
SOIL LOCATION SS07.

1052 PHOTO # 13 ROLL #3 VIEW TO NW
EXPANDED VIEW OF SS07.

1100 CREW MOVES TO ST01 LOCATION.
R. BOND REQUEST THAT DRAINAGE

J. Allen 3/23/94

(14) J. Allen 3/23/94

CONTAINS FINE SAWDUST PARTICLES THAT HAVE BEEN TREATED.

1105 CHITWOOD COLLECTS STO1. FROM SW CORNER OF CONTROL ROOM – 13'S 7'E.

SOIL IS SANDY SOIL SOME CLAY – BROWN MOIST.

1110 PHOTO #14 ROLL #2 VIEW TO N. SAMPLE LOCATION STO1.

1112 PHOTO #15 ROLL #2 VIEW TO EXPANDED VIEW OF STO1.

1115 CHITWOOD COLLECTS STO2. 18' E OF CENTERLINE OF RAILROAD TRACKS. SEDIMENT TOP LAYER IS LIGHT BROWN, BENEATH SURFACE IS BLACK. UPPER – CLAY SILT – LOWER (½" – SANDY CLAY) LOWER HALF HAS HIGH ORGANIC CONTENT.

1125 PHOTO 16 ROLL #2 VIEW TO N STO2 SAMPLE LOCATION.

1127 PHOTO #17 ROLL #2 VIEW TO N. STO1 EXPANDED VIEW.

STO2 COLLECT JUST NORTH OF

J. Allen 3/23/94

of DRAINAGE CONDUIT PIPE IN CULVERT. TADPOLE, WATER STRIDER (COLEOPTERA) AND SNAILS (GASTROPODA) OBSERVED IN STANDING WATER.

1135 STO3 IS MEASURED FROM UTILITY POLE 35'S - 3'E.

1140 CHATWOOD COLLECTS STO3. SOIL IS CLAY SAND

1150 PHOTO # 18 ROLL #2 VIEW TO NW STO3 SAMPLE LOCATION

1152 PHOTO # 19 ROLL # 2 VIEW TO NW EXPANDED VIEW OF STO3.

1206 SAMPLING ONSITE COMPLETED.

1230 STOP FOR LUNCH. SAMPLES HAVE BEEN PUT ON ICE.

1330 CREW ARRIVES TO NEXT SAMPLE LOCATION.

1338 OWNER OF PROPERTY STOPS TO TALK TO CREW. J. CHATWOOD TALKS TO OWNER, PROVIDES BUSINESS CARD. INFORMS OWNER WE ARE INVESTIGATING A SITE - OWNER WAS CONCERNED THAT HE WAS BEING INVESTIGATED. HE GRANTED PERMISSION TO SAMPLE OFF

J. Chatwood 3/27/90

(16) J. Allen 3/23/94
OF HIS PROPERTY.

1315 PRIOR TO COLLECTION OF STO7
J. CHITWOOD OBSERVED CLAM —

SOIL IS CLAY SILT - BROWN WITH
SOME GRAVEL. MOIST - WET.

1405 PHOTO #20 ROLL #2 VIEW
TO N. VIEW OF STO7 SAMPLE
LOCATION.

SAMPLE COLLECTED 36' OUT
W OF BRIDGE AT SEDIMENT/
WATER INTERFACE.

1407 PHOTO #21 ROLL #2
VIEW TO SE. EXPANDED VIEW
OF STO7.

1430 J. CHITWOOD COLLECTS STO5.
SEDIMENT IS WET BROWN.

1440 PHOTO #22 (AS 21 IN CHAT)
VIEW TO W. STO5 SAMPLE.

SAMPLE COLLECTED 56' N OF
E BANK OF CRAB ORCHARD WEST
CREEK CONFLUENCE.

J. Allen 3/23/94

J. Allen 3/23/94

1515 J. CHITWOOD COLLECTS ST06. SEDIMENT IS VERY WET, DARK BROWN - SILTY CLAY. SOME ORGANIC MATTER OBSERVED.

FISH OBSERVED JUMPING IN CRAB ORCHARD CREEK.

LOCATION ST06 IS LOCATION IEPA OBSERVED GREEN DISCOLORATION (ASSUMED CONTAMINATION OF CCA).

1520 PHOTO #23 ROLL #2 VIEW TO NW. ~~ST07~~ ST06 SAMPLE LOCATION.

1522 PHOTO #24 ROLL #2 VIEW TO NW. EXPANDED VIEW OF ST06.

1540 J. CHITWOOD COLLECTS BACKGROUND SOIL SAMPLE FROM PAMELA PARK AT CHERRY AND — WEST ABOUT 33' FROM THE SOUTHWEST CORNER OF THE INTERSECTION.

1545 - PHOTO #1 ROLL #3 - EDGEN

1548 PHOTO #2 ROLL #3 VIEW TO E. EXPANDED VIEW OF BACKGROUND SSOF.

1549 PHOTO #3 ROLL #3 VIEW TO N.

J. Allen 3/23/94

(18) J. Allen 3/23/94

VIEW OF BACKGROUND SS08 SAMPLE.

1605 J. CHITWOOD COLLECTS STOY.
SEDIMENT IS BROWN, SANDY, ~~SILTY~~
~~CLAY~~. ~~AND~~ TRACE CLAY.
BLACK MATERIAL OBSERVED —
SUSPECTED CHARCOAL.

1606 PHOTO # 4 ROLL #3 VIEW TO
W. VIEW OF STOY SAMPLE
LOCATION

1608 PHOTO #5 ROLL #3 VIEW TO
SE. EXAMPLE VIEW OF STOY.

STOY IS 10' WEST OF BRIDGE.

1630 CHITWOOD & ALBANO ORGANIZE
EQUIPMENT & SAMPLES.

1632 DEPART FOR HOTEL.

1648 ALBANO & CHITWOOD TAG &
BAG SAMPLES.

1800 TAGGING AND BAGGING OF SAMPLES
COMPLETED.

J. Allen 3/23/94

J. Allen 3/24/94

0600 ALBANO & CHITWOOD DEPART MARION FOR CHICAGO.

1115 ARRIVE AT WAREHOUSE. ALBANO QC'S SAMPLE PAPERWORK AGAINST SAMPLE DATA. SAMPLES ARE PREPARED FOR SHIPMENT.

1230 ALBANO & CHITWOOD TAKE COOLERS TO FED EX FOR SHIPMENT.

PHOTO # 5 AND 6 ROLL # 3

PHOTO OF COOLERS.

PHOTO # 7 ROLL # 3 COOLERS READY FOR SHIPMENT.

1300 SAMPLE DROPPED OFF AT FED EX.

J. Allen 3/24/94

(20)

J. Allen 3/25/91

SAMPLE OVERVIEW:

INORGANIC SOILS:

LAB: WEYERHAEUSER ANALYTICAL & TESTING SERVICES 32901 WEYERHAEUSER WAY SOUTH WTC 2F25, FEDERAL WAY, WA 98003. ATTENTION: BONNIE CHAPPEL (206) 924 6293

ITR #: I-345595

CASE #: 21795

DATE SHIPPED: 3/24/91

DATE: COLLECTED: 3/23/91

ANALSIS: METALS & CYANIDE

SS01 = PT SS01-001 = MEW267 = ESE47
SAMPLED 3/23/91 @ 0845. EPA TAG # S-023373.

SS02 = PT SS02-001 MEW268 = ESE48
SAMPLED 3/23/91 @ 0905. EPA TAG # S-023374.

SS03 = PT SS03 001 = MEW269 = ESE49
SAMPLED 3/23/91 @ 0932. EPA TAG # S-023375.

J. Allen 3/25/91

J. Allen 3/25/94

SS04 = PT SS04-001 = MEW270 = ESE50
SAMPLED 3/23/94 @ 0910 EPA
TAG # S-023376.

SS05 = PT-SS05-001 = MEW271 = ESE51
SAMPLED 3/23/94 @ 1020 EPA
TAG S-023377.

SS06 = PT-SS06-001 = MEW272 = ESE52
EPA TAG # S-023378. SAMPLED
3/23/94 @ 1032.

SS07 = PT SS07-001 = MEW144 = ESE53
SAMPLED 3/23/94 @ 1045 EPA TAG
S-023379.

SS08 = PT-SS08-001 = MEW145 = ESE99
SAMPLED 3/23/94 @ 1540. EPA
TAG # S-023380.

SS04 WAS MS/MSD.

CHAIN OF CUSTODY SEALS 166177
166178.

AIRBILL # 9004371493

J. Allen 3/25/94

(22)

J. Allen 3/25/94

INORGANIC SEDIMENT:

LAB: IT ANALYTICAL SERVICES - EXPORT
5103 OLD WILLIAM PENN HIGHWAY
EXPORT, PA 15632 ATTN: JOE SMITH
(412) 731-8806

ITL # I-34598

CASE 21795

DATE SHIPPED: 3/~~23~~ 24 (24) 94

DATE COLLECTED: 3/22/94

ANALYSIS: METAL & CYANIDE

CHAIN OF CUSTODY REPS: 166181-82

AIRBILL # 9004371482.

ST01 = PT-ST01-001 = MENY462 = EQT90
SAMPLED 3/23/94 @ 1105 EPA
TAG # S-023405

ST02 = PT-ST02-001 = MENY47 = EQT97
SAMPLED 3/23/94 @ 1145 EPA
TAG # S-023406.

ST03 = PT-ST03-001 = MENY48 = EQT98
SAMPLED 3/23/94 @ 1140 EPA
TAG # S-023407.

ST04 = PT-ST04-001 = MENY49 = EQT99
SAMPLED 3/23/94 @ 1605 EPA
TAG # S-023408.

J. Allen 3/25/94

J. Collins 3/25/94

STO5 = PT-STO5-001 = NEWY74 = EJC23
EPA TAG # S-023409 SAMPLED 3/23/94
@ 1430.

STO6 = PT-STO6-001 = NEWY75 = EJC31
SAMPLED 3/23/94 @ 1515 EPA
TAG # S-023410.

STO7 = PT-STO7-001 = NEWY76 = EJC46
SAMPLED 3/23/94 @ 1355. EPA
TAG # S-024361.

SAMPLE STO4 WAS DESIGNATED
MS/MSD.

ORGANIC SOILS:
LAB: ENCOTEC 3985 RESEARCH PK DR
ANN ARBOR, MI, 48108 ATTN:
SCOTT DEERE (313) 761-1389
DTR # 0-352-990
CASE: 21795
DATE SAMPLED: 3/23/94
DATE SHIPPED: 3/24/94
ANALYSIS: VOA, BNA, PEST/PCB.
CHAIN OF CUSTODY SEALS: 16613-84.
J. Collins 3/25/94

(24)

J Allen 3/25/94

Airbill #: 9004371515

SS01 = PT-SS01-001 = ESE47 = MEW267
SAMPLED 3/23/94 @ 0845 EPA
TAG # S-023381-83.

SS02 = PT-SS02-001 = ESE48 = MEW268
SAMPLED 3/23/94 @ 0905 EPA
TAG # S-023384-86.

SS03 = PT-SS03-001 = ESE49 = MEW269
SAMPLED 3/23/94 @ 0932 EPA TAG
S-023387-89.

SS04 = PT-SS04-001 = ESE50 = MEW270
SAMPLED 3/23/94 @ 0950 EPA
TAG # S-023390-92.

SS05 = PT-SS05-001 = ESE51 = MEW271
SAMPLED 3/23/94 @ 1020 EPA TAG
S-023393-95.

SS06 = PT-SS06-001 = ESE52 = MEW272
SAMPLED 3/23/94 @ 1032 EPA TAG
S-023396-98.

SS07 = PT-SS07-001 = ESE53 = MEW444
SAMPLED 3/23/94 @ 1045 EPA TAG #
S-023399-401.

J Allen 3/25/94

J. Allen 3/25/94

SS08 = PT-SS08-001 = ESE99 = MENY45
SAMPLED 3/23/94 @ 1540 EPA TAG
5-023402-404.

SAMPLE SS04 WAS DESIGNATED
MS/MSD.

ORGANIC SEDIMENTS:
LAB: SOUTHWEST LABS of OKLAHOMA
1700 WEST ALBANY, BROKEN ARROW, OK
74012 ATTN: MISSY HAMBY (918)
251-2858.
OTR: 0-352-986.
CASE: 21795
DATE SAMPLED: 3/23/94
DATE SHIPPED: 3/24/94
ANALYSIS: VOA, BNA, PEST/PCB.
CHAIN of CUSTODY SEALS: 166179-80.
AIRBILL #: 9004371504

STO1 = PT-STN1-001 = EQT90 = MENY46
SAMPLED 3/23/94 @ 1105. EPA TAG
5-024362-64.

J. Allen 3/25/94

(26) J Allen 3/25/94.

STO2 = PT-STO2-001 = EQT97 = MEWY47
SAMPLED 3/23/94. @ 1115. EPA TAG
S-024365-67.

STO3 = PT-STO3-001 = EQT98 = MEWY48
SAMPLED 3/23/94 @ 1140. EPA
TAG # S-024368-70.

STO4: PT-STO4-001 = EQT99 = MEWY49
SAMPLED 3/23/94 @ 1605 EPA
TAG S-024371-73.

STO5 = PT-STO5-001 = ESC23 = MEWY74
SAMPLED 3/23/94 @ 1430
EPA TAG S-024374-75 S-021499

STO6 = PT-STO6-001 = ESC31 = MEWY75
SAMPLED 3/23/94 @ 1515 EPA TAG
S-021700, S-139982-83.

STO7 = PT-STO7-001 = ESC46 = MEWY76
SAMPLED 3/23/94 @ 1355 EPA TAG
S-139984-86.

STO4 WAS DESIGNATED MS/MSD.

J Allen 3/25/94

J. Allen 3/25/94

NOTES: R. BOND REQUESTED SAMPLE SS07 MOVED BE MOVED AR SAMPLE LOCATION SELECTED AND OBSERVABLE GREEN STAINED WOOD CHIPS. THE SAMPLE WAS MOVED BACK 1 FOOT.

R. BOND REQUESTED THAT IT BE NOTED THAT SAMPLE SS01 WAS COLLECTED FROM A DRAINAGE ROUTE CONTAINING SAWDUST - WOOD - CHIPS TREAT WITH CCA.

ROGER WALKER REPRESENTS PERMA TREAT, AS ENVIRONMENTAL CONSULTANT. ROGER REQUESTED THAT IT BE NOTED THAT OBSERVED AQUATIC LIFE WAS OBSERVED IN STANDING WATER ON SITE: TADPOLES, WATER STRIDERS, SNAILS, AND WATER FLEAS WERE OBSERVED. ATTACHED IS R. WALKER'S BUSINESS CARD.

J. Allen 3/25/94

(28) J. Allen 3/25/94

WALKER ENGINEERING

Engineering, Geological and Environmental Consultants

Rodger A. Walker

Registered Professional Engineer

802 East Herrin St.
Herrin, IL 62948

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