US EPA RECORDS CENTER REGION 5
398998

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
SPECIAL WASTE DISPOSAL APPLICATION

CARD TYPE DATE 12/4/80 L P S N C AUTHORIZATION NUMBER 991354 TRANS CODE A DATE ENTERED (Agency Use) 12/16/80

WASTE HAULER

16/17 HAULER REGISTRATION NUMBER 9999 NAME Any Licensed Hauler

ADDRESS _____ COMMUNITY _____

COUNTY _____ STATE _____ ZIP _____ AREA CODE ____ TELEPHONE _____

WASTE GENERATOR

GENERATOR CODE 055070000 1 G NAME Mark Twain Industries

ADDRESS P.O. Box 276 COMMUNITY West Frankfort

COUNTY FRANKLIN STATE Ill. ZIP _____ AREA CODE 618 TELEPHONE 932-3148

GENERATOR CONTACT NAME Zane Neely

DUNS NUMBER _____ SIC CODE _____

20/17 PROCESS NAME Parts Washing

WASTE CHARACTERISTICS

GENERIC WASTE NAME Waste Solvent

40/17 IUPAC WASTE NAME A

TOTAL ANNUAL WASTE VOLUME 20000 VOLUME UNITS 2 WASTE PHASE 1

TRANSPORT FREQUENCY 5 WASTE CLASS (Agency Use) 34

1 = CUBIC YARDS
2 = GALLONS

1 = SOLID
2 = SEMI-SOLID
3 = LIQUID
4 = GAS

1 = ONE TIME
2 = DAILY
3 = WEEKLY
4 = BI-WEEKLY
5 = MONTHLY
6 = BI-MONTHLY
7 = QUARTERLY
8 = SEMI-ANNUALLY

(Code either "1" for Low, "2" for Medium, or "3" for High as appropriate for columns 21 through 26):

50/17 INHALATION TOXICITY 2 DERMAL TOXICITY 1 INGESTIVE TOXICITY 3 INFECTIOUS ____ REACTIVITY ____ EXPLOSIVE ____

FLASH POINT 20°F ALPHA RADIATION ____ (pC1/L) COMPOSITION 1

1 = ORGANIC
2 = INORGANIC

PERCENT ACIDITY ____ PERCENT ALKALINITY ____ pH ____ PERCENT TOTAL SOLIDS ____

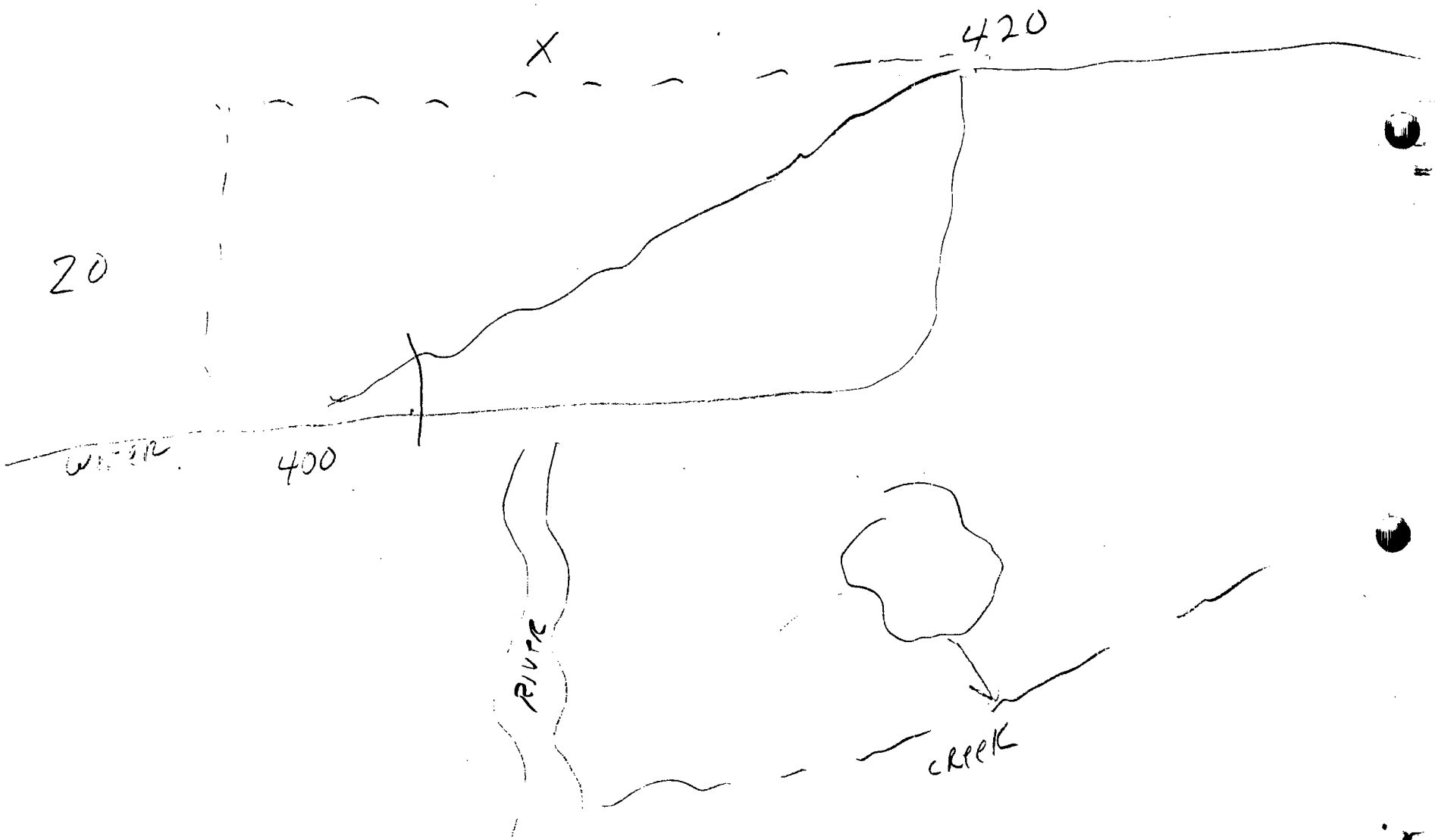
60/17

| KEY | COMPONENT NAME | PERCENT | KEY | COMPONENT NAME | PERCENT |
|---|---|---|---|---|---|
| 1 | Solvent | 75.0 | 2 | | |
| 3 | Fiberglass | 5.0 | 4 | | |
| 5 | Resin | 20.0 | 6 | | |
| 7 | | | 8 | | |

RECEIVED
DEC 10 1980
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

92

$\frac{20}{50} =$



NON HAZARDOUS

4335

New Application X
Renewal
Additional Site

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
SPECIAL WASTE DISPOSAL APPLICATION

FOR AGENCY USE Log #
THIS APPLICATION FOR WASTE:
Treatment
Disposal X
Storage

CARD TYPE DATE 6-1-81 L P S N C AUTHORIZATION NUMBER 811385 TRANS CODE A DATE ENTERED (Agency Use) 06 / 02 / 81

WASTE HAULER

HAULER REGISTRATION NUMBER 0445 NAME I.S. Inc.
ADDRESS RR#5 COMMUNITY Centralia
COUNTY Marion STATE Il. ZIP 62801 AREA CODE 618 TELEPHONE 532-7710

WASTE GENERATOR

GENERATOR CODE 0550700001 NAME Mark Twain Marine
ADDRESS PO Box 276 COMMUNITY West Frankfort
COUNTY Franklin STATE Il. ZIP 62896 AREA CODE 618 TELEPHONE 932-3148
GENERATOR CONTACT NAME Zane Neely
DUNS NUMBER SIC CODE USEPA GEN. CODE
PROCESS NAME

WASTE CHARACTERISTICS

GENERIC WASTE NAME Fiberglass Resin Gel Coat
IUPAC WASTE NAME
TOTAL ANNUAL WASTE VOLUME 5500 VOLUME UNITS 2 WASTE PHASE 1
TRANSPORT FREQUENCY 7 WASTE CLASS (Agency Use) 22

1 = CUBIC YARDS
2 = GALLONS

1 = SOLID
2 = SEMI-SOLID
3 = LIQUID
4 = GAS

1 = ONE TIME
2 = DAILY
3 = WEEKLY
4 = BI-WEEKLY
5 = MONTHLY
6 = BI-MONTHLY
7 = QUARTERLY
8 = SEMI-ANNUALLY

(Code either "1" for Low, "2" for Medium, or "3" for High as appropriate for columns 21 through 26):

INHALATION TOXICITY 1 DERMAL TOXICITY 2 INGESTIVE TOXICITY 1 INFECTIOUS 1 REACTIVITY 1 EXPLOSIVE 1

FLASH POINT 200°F ALPHA RADIATION (pCi/L) COMPOSITION Mix

1 = ORGANIC
2 = INORGANIC

PERCENT ACIDITY — . — PERCENT ALKALINITY — . — pH 4.1 PERCENT TOTAL SOLIDS 92.00

| KEY COMPONENT NAME | PERCENT | KEY COMPONENT NAME | PERCENT |
|---|---|---|---|
| 1 Fiberglass | 25.0 | 2 Gel Coat | 10.0 |
| 3 Resin | 65.0 | 4 | |
| 5 | | 6 | |

Notification Sent
Per I.E.P.A. Act §39 (c)
JUN 03 1981

RECEIVED
JUN 03 1981

USEPA HAZARDOUS WASTE NO. ___,___,___,___
(If Hazardous)

IL 532-0474
ADM 1067 (Rev. 1/81)

DL/NPC

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

CARD TYPE DATE _____ L P S H C AUTHORIZATION NUMBER _____ TRANS CODE _____ DATE ENTERED (Agency Use) ___/___/___

* Less Than

WASTE CHARACTERISTICS

70 67

| METAL KEY | TOTAL (PPM) | EP TOXICITY (PPM) | METAL KEY | TOTAL (PPM) | EP TOXICITY (PPM) |
|---|---|---|---|---|---|
| CN | *0.1 | | Cu | 103 | |
| Ag | *1.0 | | Hg | 0.3 | |
| As | 11 | | Ni | 13 | |
| Ba | 720 | 2.5 | Pb | 54 | |
| Cd | 6.0 | | Se | *0.5 | |
| Cr | 44 | | Zn | 62 | |
| ~~PHENOL~~ | 10 | | ~~Sulfide~~ | *0.1 | |
| ENDRIN | | | 2 - 4 D | | |
| LINDANE | | | 2,4,5 - TP | | |
| METHOXYCHLOR | | | TOXAPHENE | | |

80 67 LABORATORY NAME AROL Inc

CERTIFICATION NUMBER [redacted] REVIEWED BY: Ken, Rue

90 67

1 SITE CODE 12L20206 SITE NAME Prior Landfill Area #3

DISPOSAL METHOD 13 NEUTRALIZATION METHOD

SIGNATURE John Pecon (SITE OWNER) SIGNATURE John Pecon (SITE OPERATOR)

STATUS A START DATE 08/21/81 EXPIRATION DATE 08/21/83

2 SITE CODE _____ SITE NAME _____

DISPOSAL METHOD NEUTRALIZATION METHOD

SIGNATURE _____ (SITE OWNER) SIGNATURE _____ (SITE OPERATOR)

STATUS START DATE / / EXPIRATION DATE / /

3 SITE CODE _____ SITE NAME _____

DISPOSAL METHOD NEUTRALIZATION METHOD

SIGNATURE _____ (SITE OWNER) SIGNATURE _____ (SITE OPERATOR)

STATUS START DATE / / EXPIRATION DATE / /

4 SITE CODE _____ SITE NAME _____

DISPOSAL METHOD NEUTRALIZATION METHOD

SIGNATURE _____ (SITE OWNER) SIGNATURE _____ (SITE OPERATOR)

STATUS START DATE / / EXPIRATION DATE / /

ADM-1067 (Rev. 1/81)

J 4 1 4 5 0 0 0 2 7 3

# ARDL, Inc.

CHEMISTRY - BIOLOGY - PHYSIOLOGY - ENGINEERING
ENVIRONMENTAL ANALYSIS

P. O. BOX 1566
1801 FOREST STREET
MT. VERNON, ILLINOIS 62864
TELEPHONE (618) 244 - 3235

## WATER/WASTEWATER ANALYSIS REPORT

ARDL Sample No. 100137 | Date: 5-14-81

Customer: Mark Twain Marine
P. O. Box 276, West Frankfort, IL 62896
Attention: Zane Neely

Received at ARDL
Date: 4-22 Hour: 12:40

Date/Hour Sample Collected:

Customer Sample No.

Sampling Point:

Sample Collected By:

| Parameter | ppm |
|---|---|
| | DSB |
| Acidity, total (as CaCO ) | |
| Alkalinity, total (as CaCO ) | |
| Bicarbonate | |
| Calcium | |
| Carbonate | |
| Chloride | |
| Chlorine, residual | |
| Cyanide | <0.01 |
| Fluoride | |
| Hardness | |
| Heavy Metals | |
| Arsenic | 11 |
| Barium | 720 |
| Cadmium | 6.0 |
| Chromium, hexavalent | |
| Chromium, total | 44 |
| Copper | 103 |
| Iron, dissolved | |
| Iron, total | |
| Lead | 54 |
| Manganese | |
| Mercury | 0.26 |
| Nickel | 13 |
| Selenium | <0.5 |
| Silver | <1.0 |
| Vanadium | |
| Zinc | 67 |
| | |
| Hydroxide | |
| Magnesium | |
| Nitrogen, total | |

| Parameter | ppm |
|---|---|
| | DSB |
| Nitrogen, ammonia (as mg N) | |
| Nitrogen, organic (as mg N) | |
| Nitrate (as mg N) | |
| Nitrite (as mg N) | |
| Oil and Grease | |
| Oxygen Demand, Biochemical | |
| Oxygen Demand, Chemical | |
| pH (units) | 4.1 |
| Phenol | 10 |
| Phosphate, ortho (as mg P) | |
| Phosphate, total (as mg P) | |
| Potassium | |
| Silica | |
| Solids, dissolved | |
| Solids, suspended | |
| Solids, total | 977 |
| Specific Conductance (umhos) | |
| Sulfate | |
| Sulfide | <0.1 |
| Surfactants | |
| Turbidity (Jackson units) | |
| Bacteriological values | |
| Total Plate Count | |
| Total Coliform | |
| Fecal Coliform | |

RECEIVED
JUN 03 1981
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

| Date Analysis Complete: | Analyst: | Certified By: |
|---|---|---|
| 5-14-81 | Analytical Div. | |

U4L450027 4

# ARDL, Inc.

CHEMISTRY - BIOLOGY - PHYSIOLOGY - ENGINEERING
ENVIRONMENTAL ANALYSIS

P. O. BOX 1566
1801 FOREST STREET
MT. VERNON, ILLINOIS 62864
TELEPHONE (618) 244 - 3235

Originator: Mark Twain Marine
P. O. Box 276
West Frankfort, IL 62896
Attn: Zane Neely

Date: 5/15/81
Type of sample(s): EP Extract *
Collected By:

| Sample Number | | Date | | Parameter | Result |
|---|---|---|---|---|---|
| Original | ARDL | Received | Completed | | mg/l |
| -- | 100137 | 4/22/81 | 5/13/81 | Barium (Ba) | 2.5 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Remarks: * Extraction procedure toxicity 40 CFR 261.24

RECEIVED
JUN 03 1981
E.P.A. — D.L.P.C.
STATE OF ILLINOIS

Analyst: Analytical Div.

0414 00275

SPECIAL WASTE APPLICATION REVIEWER'S NOTES
STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Log # L-0869

Authorization # 811385

Reviewed by BMM Date 4/4/83

| | YES | NO | SEE BELOW |
|---|---|---|---|
| 1. General Information Complete? | ☑ | ☐ | ☑ |
| 2. Hazardous/Non-Hazardous Determination made? | ☑ | ☐ | ☐ |
| 3. Waste characteristics adequate? | ☐ | ☐ | ☐ |
| 4. Metals or other lab analyses adequate? | ☐ | ☐ | ☐ |
| 5. Site code, name and signatures complete? | ☑ | ☐ | ☐ |
| 6. Disposal/treatment/storage method appropriate? | ☑ | ☐ | ☐ |

COMMENTS/COMMUNICATIONS/REASONS FOR DENIAL

EP tox tests had only been performed on Ba concentration. Other metals were present, so further analyses are requested

Rejected 4/4/83

IL 532-0947
LPC 101 4/82