Habbo G. Fokkena

Attorney at Law
109 North Main Street
Clarksville, IA 50619-0250
Telephone 319-278-4766
Fax 319-278-4605
Email fokkena@netins.net

CON 12-15
Doc #16496

1998 SEP 14 P 1:20

DEPT. OF
NATURAL RESOURCES

September 9, 1998

Mr. Lavoy Haage
Solid Waste Division
Iowa Dept. of National Resources
502 E. 9th
Des Moines, IA 50309

RE: Henke Manufacturing - disposal of drums

Dear Mr. Haage:

I wanted to confirm and advise you that I have removed the drum of hazardous substance as reported in the environmental study pertaining to the above property. A complete copy of the waste profile packet is enclosed for your reference.

I have been advised that these records should really be maintained at the site. However, in light of the title position of the company, and that this property will either go back for taxes or be sold, I am requesting permission to maintain these records with all other Henke Manufacturing Liquidating trust records. Unless I hear otherwise from you, I will assume that is acceptable.

To the best of my knowledge and belief, I think this takes care of the drum. If not please advise. I do understand that the other issue, the contamination of the soil, is still an open issue. I will write you a separate letter on that matter.

Thank you for your assistance in this matter.

Sincerely,

Habbo G. Fokkena,
Liquidating Trustee

HGF:msl

HYDRITE CHEMICAL CO.

WASTE PROFILE PACKET

12255

SALES REP. NAME	DISTRIBUTOR / BRANCH	EPA I.D. NUMBER
M. Anderson	Hydrite - wtlo P5	U S Q G

CUSTOMER BILL TO

- CUSTOMER: Henke Mfg. Liquidating trust
- ACCOUNT #: H12005
- ADDRESS: 109 N. Main street
- CITY: Clarksville STATE: IA ZIP: 50619
- CONTACT 1: Habbo Fokkeng PHONE #: 319 278-4766
- CONTACT 2: Bill Althaus PHONE #: 319 323-6591
- 24 HOUR EMERGENCY #: 319-278-4766 FAX #: 319 278-4605
- MANIFEST ATTN. TO: Habbo Fokkena

PICK UP INSTRUCTIONS

- GENERATOR / PICK UP LOCATION: Henke Manufacturing
- ADDRESS: 2105 East Bremer
- CITY: Waverly STATE: IA ZIP: 50677
- HOSE LENGTH: —— LIFT GATE: (Y) N HOURS AM PM
- SPECIAL PICK UP INSTRUCTIONS:

GENERAL WASTE INFORMATION

MAX. QTY. GENERATED: /

GENERATED: ☐ MONTHLY ☒ ONE TIME

STORED IN: ☒ METAL DRUM ☐ CUBIC YD BOX ☐ BULK ☐ DRUM LANCE ☐ OTHER ( )

WASTE IS: ☐ VIRGIN ☒ SPENT ☐ VAPOR DEGREASER

WASTE NAME: Mineral Spirits

DESCRIPTION OF PROCESS GENERATING WASTE: Cold wipe down of metal Parts

DOES THIS MATERIAL COME FROM A HERBICIDE, PESTICIDE, OR PHARMACEUTICAL RELATED INDUSTRY? YES (NO)

DOES THIS MATERIAL CONTAIN METALLIC BEARING INKS, PAINTS, FLUX OR FILINGS? YES (NO) (I.E. ALUMINUM, MAGNESIUM, IRON)

MAJOR SOLVENT COMPOSITION	%	MAJOR SOLIDS COMPOSITION	HEAVY METALS	PPM	HEAVY METALS	PPM
Mineral Spirits	100	☐ URETHANE ☐ NITROCELLULOSE	ARSENIC	|	MERCURY	/
		☐ EPOXY ☐ VINYL	BARIUM	|	NICKEL	/
		☒ OILS ☐ SOIL	CADMIUM	|	SELENIUM	/
		☐ RAGS / FILTERS ☐ OIL ABSORBANTS	CHROMIUM	|	SILVER	/
		☐ OTHER ( )	COPPER	|	THALLIUM	/
☐ MSDS ATTACHED ☐ OTHER ANALYTICAL DATA ATTACHED		WATER 0 %	LEAD	|	ZINC	/

PHYSICAL STATE: ☐ SOLID ☐ SEMI-SOLID ☒ LIQUID ☐ LAYERED ☐ MULTI-LAYERED

☐ TCLP ☐ TOTAL

CUSTOM RECYCLE

☐ CUSTOM RECYCLE

COATING TYPE: ☐ INK ☐ PAINT ☐ OTHER

HOW CURED: ☐ ULTRAVIOLET ☐ CATALYTIC ☐ HEAT (TEMP.)

SHIPPING INSTRUCTIONS: ☐ DRUMS ☐ BULK

CUSTOMER TANK CAPACITY

SPECIAL LABEL INSTRUCTIONS

SPECIAL INSTRUCTIONS

SAMPLE DOCUMENTATION

DATE COLLECTED	TIME COLLECTED	PLACE COLLECTED
7-16-98	7:20 (AM) PM	Waverly IA

COLLECTED BY (PRINT NAME): x Habbo G. Fokkena

SIGNATURE: x [signature]

LAB COPY

1-800-AH (5-1-97 REV. 2)

122557

LAB USE ONLY

DATE RECEIVED IN LAB	RECEIVED BY	LAB SAMPLE NUMBER

LAB NOTES

MATERIAL PRESENTING UNUSUAL HAZARDS TO PERSONNEL AND PROPERTY ARE SPECIFICALLY NOT ALLOWED IN THE HYDRITE PROCESSING FACILITY.

This restriction applies to items intended for shipment into Hydrite processing facilities. Some materials can be accepted at varying concentrations **WITH PRIOR APPROVAL.** It is the generator's responsibility and in their interest to ensure that waste shipments are representative **of the initial waste sample.** Hydrite, as a policy, **DOES NOT RECOMMEND** intermixing waste streams; this practice is solely at the discretion and liability of the generator. Presence of some of the following substances may make your waste non-acceptable for Hydrite to handle.

1. Cancer or suspected cancer causing materials, e.g.
   Carbon Tetrachloride — PCB's
   Chloroform — Asbestos Residues
   Benzene
2. Wastes with pH's above 12.5 (basic) or below 2.0 (acid).
3. Highly reactive compounds including explosives, oxidizers, catalysts, monomers, etc.
4. Drugs or drug residues, pesticides or pesticide residues.
5. Biohazardous materials.
6. Cyanides or Radioactive substances.
7. Obnoxious or foul smelling substances, e.g.
   Amines — Sulfides
   High Sulfur oils — Mercaptans
8. Concentrations of some heavy metals, e.g.
   Barium .....>5,000 ppm — Arsenic .....>100 ppm
   Chromium.....>1,000 ppm — Selenium ....>1 ppm
   Lead .....>1,000 ppm — Silver .....>5 ppm
   Cadmium .....>500 ppm — Mercury .....>1 ppm
9. Phenols and Creosols in concentrations over 1%
10. Reactive Resins
11. Highly toxic chemicals, e.g.
    Hydrogen Sulfide — Phosgene
    Methyl isocyanate — Acrolein

Acids . . . acetic acid, chloroacetic acid, sulfuric acid, hydrochloric acid, hydrofluoric acid
Aldehydes . . . formaldehyde, acetaldehyde, fufural
Azides . . . methyl hydrazine, diazomethan
Cyanides . . . Acetonitrile, ethyl cyanide, acyrlonitrile
Ethers . . . ethyl ether
Isocyanates . . . methyl isocyanate, toluene diisocyanate
Metal Alkyls . . . tetraethyl lead, triethyl aluminum
Monomers . . . vinyl chloride, ethyl acrylate, methyl vinyl ketone
Nitro Compounds . . . nitromethane, nitroethane, nitrotoluene (mono & di)
Oxidizers . . . nitrates, chlorates, peroxides

LAB APPROVAL TO SUBMIT SAMPLE CONTAINING RESTRICTED MATERIAL(S)

APPROVED BY	DATE / TIME APPROVED	CONSTITUENT(S) / % APPROVED

CUSTOMER PROCEDURES FOR WASTE SHIPMENTS

. When waste material is ready for pick-up, call Hydrite Customer Service and indicate your waste master number. Customer Service will then give you an authorization number for the pickup.

'. All containers are to be labeled BEFORE pick-up. The labels will be furnished by Hydrite Chemical upon request.

. The proper waste manifest, bill of lading, and Land Disposal Notification and Certification form must be filled out as required by RCRA and D.O.T. and must include Hydrite's authorization number.

. All waste material must be shipped in containers that conform with D.O.T. U.N. Shipping regulations. Regulations require that no hazardous material may remain on the outside of the package after filling. Containers should not exhibit excessive structural integrity such as denting, leaking, excessive rust, and improper closure.

. All services provided by Hydrite Chemical Co. are subject to the terms and conditions printed on the back of this page.

CERTIFICATION STATEMENT

hereby certify that all the information, to the best of my knowledge, on this and any attached documents, is complete, orrect, and that all known hazards are accurate and have been disclosed. If this waste changes in any manner, Hydrite ill immediately be notified in writing.

Habbo G. Fokkena — PRINT NAME

X — SIGNATURE

7-16-98 — DATE

O# Prepaid $150

LAB COPY

1-800-AH (5-1-97 REV. 2)

CUSTOMER NAME

WASTE NAME

MASTER # 122557

*** Header Info ***

Waste Master Nr 00122557
Customer Number ..... H12005 HENKE MANUFACTURING*
HWY 3 EAST
PO BOX 818
WAVERLY, IA. 50677

Salesperson ..... 0781 MIKE MA ANDERSON

Part Nr Incoming ..... RWD00101 DISPOSAL DRUMS FLAM
Part Nr Outgoing .....

Method of Disp P5
Waste Master Code ....
Original Issue Date .. 08/04/98
Last Revision Date ... 08/13/98
Expiration Date 12/31/99

Distributor ..... G
Est Waste GA/Month .. 25
% Yield Expected 0.00
MNAFR ..... Y

Emergency Phone 3192784766
FAX Phone 3192784605
Phone 1 3192784766
Contact 1 ..... HABBO G. FOKKENA
Phone 2 3193236591
Contact 2 ..... BILL ALTHAUS
Phone 3 .....
Contact 3 .....
Manifest Contact Nr .. 1
Required Label ..... FLAMMABLE LIQUID
Analysis Req'd ..... Y
Send Analysis To ..... ONE-TIME MASTER

EPA Code ..... V.S.Q.G.*BDL
EPA Waste Master D001
Additional EPA Codes . D018

Pickup Address ..... HENKE MANUFACTURING
..... 2105 E. BREMER
..... WAVERLY, IA 50677

Certificate of Destr . Y
Billing Instructions .
.....
.....

Pricing Instructions . NEW MASTER
.....
.....
.....
.....
.....
.....

Waste Master Nr 00122557

*** Receiving Instructions ***

Min Pickup Qty 1
Min Pickup U/M ..... DRUM
Pickup Instruct..... B211
Whose Truck ..... HYDRITE
Special Instr .....
.....
.....
Proper Ship Name ... 399 WASTE PETROLEUM DISTILLATES, N.O.S.

Hazard Class ..... 002 3 (FLAMMABLE LIQUID)

Add'l Description .. 000 -
UNNA Number UN1268
Packing Group III
Reportable Qty ..... Y
Emerg Resp Guide ... 0
Material Specs ..... MINERAL SPIRITS
.....
.....
.....
.....

HYDRITE CHEMICAL CO.

114 N. MAIN STREET (53527-9702)
P.O. BOX 247
COTTAGE GROVE, WI 53527-0247
608/257-5892
FACSIMILE: 608/839-4293

SHIPPING INFORMATION

COMPANY:	ANALYSIS NO:	SALESMAN:
HENKE MANUFACTURING	S807-040	ANDERSON,

MATERIAL:	WASTE MASTER NO:	DATE:
MINERAL SPIRITS	122557	7/31/98

In accordance 40CFR 264.12(b), this letter is to inform you that Hydrite Chemical has the appropriate permits for, and will accept, the waste described on the attached Waste Code Worksheet and Lab Analysis.

The attached Waste Code Worksheet provides US DOT and EPA Shipping Info. pertaining to your waste. The information on this sheet is based on our review of the "Materials Not Acceptable Without Prior Approval form, Customer Waste Profile Form, and any additional information you may have provided when we initially sampled your waste (MSDS, Lab Analysis). We have also considered our laboratory analytical report for your waste in completing the Waste Code Worksheet. The Waste Code Worksheet can be used as a guide for completing the shipping papers and land disposal restriction forms for your waste.

In accordance with guidance from US EPA; Region V, Hydrite Chemical is using a conservative method, termed "Protective Filing" in applying the EPA TCLP waste codes to your waste. Protective Filing is the process where potentially applicable TCLP waste codes are assigned to a waste where there is evidence that TCLP waste constituents may be present, and actual TCLP analysis has not been performed. If based on actual TCLP analysis, these constituents are not found to be present, you do not need to continue to apply those codes. However, in lieu of actual TCLP analytical data this approach limits your liability from illegally offering your waste for shipment by insuring all applicable waste codes are accounted for, and appear on your shipping papers.

These are only suggestions and recommendations based on the information supplied to us at the time the sales sample was taken. You, as the generator of the waste, are more familiar than Hydrite Chemical with the process used to generate your waste, and are responsible for the complete and accurate completion of your shipping papers and disposal restriction forms. We hope that these recommendations are helpful in preparing your waste for shipment to Hydrite Chemical. If you are in need of any further assistance or have any comments, please feel free to contact us.

HYDRITE CHEMICAL CO.

114 N. MAIN STREET (53527-9702)
P.O. BOX 247
COTTAGE GROVE, WI 53527-0247
608/257-5892
FACSIMILE: 608/839-4293

SALES SAMPLE ANALYSIS FORM

LAB_NUMBER: S807-040
DATE: 7/31/98
LAB_TYPE: WSA

WASTE MASTER: 122557
COMPANY: HENKE MANUFACTURING
CUSTOMER# H12005

WET CHEMISTRY DATA

SOLVENT DENSITY:	0.783
PH:	5.5
TOTAL DIST:	
PERCENT YIELD:	
SOLIDS:	
BTU PER LB:	21525
CHLORIDES:	0.4%
WATER BY KF:	
COLOR APHA:	
ACID ACCEPTANCE:	
FLASHPOINT:	104
PCB NUMBER:	P807-094

COMMENTS:

FORM CODE: B211

BROWN LIQUID SAMPLE

NON-VOLATILE RESIDUE: 7.4%

ANALYSISBY: JN APPROVEDBY: MM

QUALITY . . . In All We Do

Alcohols		N Butanol
		Ethanol
		Isobutanol
		Methanol
	1.6%	Water
		Isopropanol
		N Propanol
Diluents		Heptane
		Hexane
	97.5%	Mineral Spirits
		100 Solvent
		Stoddard
		Toluene
		Xylene
		VMP Naphtha
Chlorinated		Methylene Chloride
		Perchloroethylene
		111 Trichloroethane
		Freon
Actives		Trichloroethylene
		Acetone
		N Butyl Acetate
		Ethyl Acetate
		Glycol Ether EB
		Glycol Ether EEAC
		Isobutyl acetate
		Isopropyl Acetate
		Methyl Ethyl Ketone
		Methyl Isobutyl Keto
		N Propyl Acetate
		Glycol Ether PM
		Glycol Ether PMA
		Tetrahydrofuran
		Cyclohexanone
		Glycol Ether EE
		Glycol Ether EM
		Glycol Ether EEP
		Glycol Ether EP
Other:	0.9%	OTHERS
	100.0%	TOTAL

DOT / EPA / LDN RECOMMENDATIONS

GENERATOR: HENKE MANUFACTURING WPM#: 122557-G

DOT AREA

DOT SHIPPING DESCRIPTION: RQ, WASTE PETROLEUM DISTILLATES, N.O.S. 3, UN1268, PGIII (D001)

LABELS: FLAMMABLE LIQUID

EPA WASTE CODES

D001 D018

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

(CHECK OFF THE FOLLOWING ITEMS)

A: [] D001 IGNITABLE CHARACTERISTIC [X] D001 HIGH TOC IGNITABLE LIQUID

B: [] D002 CORROSIVE CHARACTERISTIC

C:

[] ANTIMONY	[] CADMIUM	[] NICKEL	[] VANADIUM
[] ARSENIC	[] CHROMIUM	[] SELENIUM	[] ZINC
[] BARIUM	[] LEAD	[] SILVER	
[] BERYLLIUM	[] MERCURY	[] THALLIUM	

D:

[] ACETONE	[] 1,2-DICHLOROETHANE	[] PYRIDINE
[X] BENZENE	[] ETHYL ACETATE	[] TETRACHLOROETHYLENE
[] N-BUTYL ALCOHOL	[] ETHYL BENZENE	[] TOLUENE
[] CARBON DISULFIDE	[] ETHYL ETHER	[] 1,1,1TRICHLOROETHANE
[] CARBON TETRACHLORIDE	[] ISOBUTYL ALCOHOL	[] 1,1,2-TRICHLOROETHANE
[] CHLOROBENZENE	[] METHANOL	[] 1,1,2-TRICHLORO-1,2,2-TRIFLUO
[] CHLOROFORM	[] METHYLENE CHLORIDE	[] TRICHLOROETHYLENE
[] O-CRESOLS	[] METHYL ETHYL KETONE	[] TRICHLOROFLUOROMETHANE
[] M&P CRESOLS	[] METHYL ISOBUTYL KETONE	[] VINYL CHLORIDE
[] CYCLOHEXANONE	[] NITROBENZENE	[] XYLENE

F: [] LIQUID HAZARDOUS WATES HAVING A PH ≤ 2.0
[] LIQUID HAZARDOUS WASTE CONTAINING PCBS AT A CONCENTRATION ≥ 50 PPM
[] LIQUID HAZARDOUS WASTES CONTAINING HOCS IN TOTAL CONCENTRATION ≥1000 MG/L
[] SOLID HAZARDOUS WASTES CONTAINING HOCS IN TOTAL CONCENTRATION ≥ 1000 MG/KG
[] ONE OF MORE OF THE FOLLOWING METALS: ARSENIC; CADMIUM; CHROMIUM; LEAD; MERCURY; NICKEL; SELENIUM; THALLIUM

G: UNDERLYING HAZARDOUS CONSTITUENTS (CHECK OFF THE FOLLOWING CONSTITUENTS ON PAGE 2.

AND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

HYDRITE CHEMICAL CO.

GENERATOR	HYDRITE AUTHORIZATION #	STATE MANIFEST #
Henkel Manufacturing	19255 7-E-1028	130L

EPA WASTE CODE NUMBERS

D001	D018						

Is this waste ☒ Non-wastewater or ☐ Wastewater? (see 40 CFR 268.2) Check ONE

Indicate all the Universal Treatment Standards and/ or EPA Waste Codes as they apply to your waste by checking the appropriate boxes in sections A, B, C, D. or those treatment standards not listed in sections A, B, C, or D, list their waste Code, Regulated Constituent, and treatment level in Section E.

SECTION A — IGNITABLE WASTE TREATMENT STANDARDS

WASTE CODE	Waste Description and Treatment/Regulatory Subcategory	WASTEWATER Concentration in mg/l or Technology Code	NON-WASTEWATER Concentration in mg/l unless noted as "mg/l TCLP" or Technology Code
☐ D001	Ignitable Characteristic Wastes, except for the §261.21(a)(1) High TOC Subcategory, that are managed in non-CWA / non-CWA-equivalent / non-Class I SDWA systems.	DEACT and meet §268.48 Standards; or RORGS; or CMBST	DEACT and meet §268 • j standards or RORGS; or CMBST
☒ D001	High TOC Ignitable Characteristic Liquids Subcategory based on 40 CFR 261.21(a)(1) - Greater than or equal to 10% total organic carbon. (Note: This subcategory consists of non-wastewater only.)	N/A	RORGS; or CMBST

SECTION B — CORROSIVE WASTE TREATMENT STANDARDS

☐ D002	Corrosive Characteristic Wastes that are managed in non-CWA / non-CWA equivalent / non-Class I SDWA systems.	DEACT and meet §268.48 standards	DEACT and meet §268.48 standards
☐ D002	Corrosive Characteristic Wastes that are managed in CWA, CWA-equivalent, or Class I SDWA systems.	DEACT	DEACT

SECTION C — METAL WASTE TREATMENT STANDARDS

REGULATED CONSTITUENT	WASTEWATER mg/l	NON-WASTEWATER mg/l-TCLP	REGULATED CONSTITUENT	WASTEWATER mg/l	NON-WASTEWATER mg/l-TCLP	REGULATED CONSTITUENT	WASTEWATER mg/l	NON-WASTEWATER mg/l-TCLP
☐ Antimony	1.9	2.1	☐ Chromium (total) (D007)	2.77	0.86	☐ Selenium (D010)	0.82	0.16
☐ Arsenic (D004)	1.4	5.0	☐ Lead (D008)	0.69	0.37	☐ Silver (D011)	0.43	0.30
☐ Barium (D005)	1.2	7.6	☐ Mercury (non-wastewater from Retort)	N/A	0.20	☐ Thallium	1.4	0.078
☐ Beryllium	0.82	0.014	☐ Mercury - all others	0.15	0.025	☐ Vanadium	4.3	0.23
☐ Cadmium (D006)	0.69	0.19	☐ Nickel	3.98	5.0	☐ Zinc	2.61	5.3

SECTION D — WASTE TREATMENT STANDARDS

REGULATED CONSTITUENT	WASTEWATER mg/l	NON-WASTEWATER mg/kg (*mg/l-TCLP)	REGULATED CONSTITUENT	WASTEWATER mg/l	NON-WASTEWATER mg/kg (*mg/l-TCLP)	REGULATED CONSTITUENT	WASTEWATER mg/l	NON-WASTEWATER mg/kg (*mg/l-TCLP)
☐ Acetone	0.28	160	☐ 1,2 Dichloroethane	0.21	6.0	☐ Pyridine	0.014	16
☒ Benzene	0.14	10	☐ Ethyl acetate	0.34	33	☐ Tetrachloroethylene	0.056	6.0
☐ n-Butyl alcohol	5.6	2.6	☐ Ethyl Benzene	0.057	10	☐ Toluene	0.080	10
☐ Carbon disulfide	3.8	N/A	☐ Ethyl ether	0.12	160	☐ 1,1,1-Trichloroethane	0.054	6.0
☐ Carbon tetrachloride	0.057	6.0	☐ Isobutyl alcohol	5.6	170	☐ 1,1,2-Trichloroethane	0.054	6.0
☐ Chlorobenzene	0.057	6.0	☐ Methanol	5.6	0.75*	☐ 1,1,2-Trichloro-1,2,2 trifluoroethane	0.057	3.0
☐ Chloroform	0.046	6.0	☐ Methylene chloride	0.089	30	☐ Trichloroethylene	0.054	6.0
☐ O-Cresols	0.11	5.6	☐ Methyl ethyl ketone	0.26	36	☐ Trichloromonofluoromethane	0.020	30
☐ M & P Cresols	0.77	5.6	☐ Methyl isobutyl ketone	0.14	33	☐ Vinyl chloride	0.27	6.0
☐ Cyclohexanone	0.36	0.75*	☐ Nitrobenzene	0.068	14	☐ Xylene	0.32	30

SECTION E — WASTE TREATMENT STANDARDS NOT LISTED ABOVE

WASTE CODE	REGULATED CONSTITUENT	WASTEWATER	NON-WASTEWATER

SECTION F — CALIFORNIA LIST WASTES

- ☐ Liquid hazardous wastes having a pH less than or equal to two (2)
- ☐ Liquid hazardous wastes containing PCBs at a concentration greater than or equal to 50 ppm
- ☐ Liquid hazardous wastes that contain HOCs in total concentration greater than or equal to 1000 mg/l
- ☐ Nonliquid hazardous wastes containing HOCs in total concentration greater than or equal to 1000 mg/kg
- ☐ Free (amenable to chlorination) cyanides greater than or equal to 1000 mg/l
- ☐ One or more of the following metals greater than or equal to the following: Arsenic and/or compounds: 500 mg/l; Cadmium and/or compounds: 100 mg/l; Chromium and/or compounds: 500 mg/l; Lead and/or compounds: 500 mg/l; Mercury and/or compounds: 20 mg/l; Nickel and/or compounds: 134 mg/l; Selenium and/or compounds: 100 mg/l; Thallium and/or compounds: 130 mg/l.

SECTION G — UNDERLYING HAZARDOUS CONSTITUENTS

If there are underlying hazardous constituents of concern which do not meet the treatment standard of 40 CFR 268.48, Table UST-Universal Treatment Standard, then mark all underlying constituents on page #2.

D001, D002, or D012-D043 to be treated in a non-CWA system, and that contain underlying hazardous constituents - Check all underlying hazardous constituents present.

An underlying hazardous constituent is defined at 40 CFR 268.2(i) as any constituent listed in the universal treatment standards table (40 CFR 268.48), present at a concentration above the constituent-specific treatment standard. These constituents and their treatment standards are listed on next page. D001 wastes (only) treated by incineration, fuels substitution, or organics recovery system do not require identification of underlying hazardous constituents.

CUSTOMER COPY

§268.48 TABLE UTS — UNIVERSAL TREATMENT STANDARDS

Regulated constituent - common name	Wastewater standard. Concentration in mg/l	Nonwastewater std. Con in mg/kg unless noted as "mg/l TCLP"
☐ Acenaphthylene	0.059	3.4
☐ Acenaphthene	0.059	3.4
☐ Acetone	0.28	160
☐ Acetonitrile	5.6	1.8
☐ Acetophenone	0.010	9.7
☐ 2-Acetylaminofluorene	0.059	140
☐ Acrolein	0.29	NA
☐ Acrylamide	19	23
☐ Acrylonitrile	0.24	84
☐ Aldrin	0.021	0.066
☐ 4-Aminobiphenyl	0.13	NA
☐ Aniline	0.81	14
☐ Anthracene	0.059	3.4
☐ Aramite	0.36	NA
☐ alpha-BHC	0.00014	0.066
☐ beta-BHC	0.00014	0.066
☐ delta-BHC	0.023	0.066
☐ gamma-BHC	0.0017	0.066
☐ Benzene	0.14	10
☐ Benz(a)anthracene	0.059	3.4
☐ Benzal chloride	0.055	6.0
☐ Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene).	0.11	6.8
☐ Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene).	0.11	6.8
☐ Benzo(g,h,i)perylene	0.0055	1.8
☐ Benzo(a)pyrene	0.061	3.4
☐ Bromodichloromethane	0.35	15
☐ Methyl bromide (Bromomethane)	0.11	15
☐ 4-Bromophenyl phenyl ether	0.055	15
☐ n-Butyl alcohol	5.6	2.6
☐ Butyl benzyl phthalate	0.017	28
☐ 2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5
☐ Carbon disulfide	3.8	4.8 mg/l TCLP
☐ Carbon tetrachloride	0.057	6.0
☐ Chlordane (alpha and gamma isomers)	0.0033	0.26
☐ p-Chloroaniline	0.46	16
☐ Chlorobenzene	0.057	6.0
☐ Chlorobenzilate	0.10	NA
☐ 2-Chloro-1,3-butadiene	0.057	0.28
☐ Chlorodibromomethane	0.057	15
☐ Chloroethane	0.27	6.0
☐ bis(2-Chloroethoxy)methane	0.036	7.2
☐ bis(2-Chloroethyl-ether)	0.033	6.0
☐ Chloroform	0.046	6.0
☐ bis(2-Chloroisopropyl)ether	0.055	7.2
☐ p-Chloro-m-cresol	0.018	14
☐ 2-Chloroethyl vinyl ether	0.062	NA
☐ Chloromethane (Methyl chloride)	0.19	30
☐ 2-Chloronaphthalene	0.055	5.6
☐ 2-Chlorophenol	0.044	5.7
☐ 3-Chloropropylene	0.036	30
☐ Chrysene	0.059	3.4
☐ o-Cresol	0.11	5.6
☐ m-Cresol (difficult to distinguish from p-cresol)	0.77	5.6
☐ p-Cresol (difficult to distinguish from m-cresol)	0.77	5.6
☐ Cyclohexanone	0.36	0.75 mg/l TCLP
☐ 1,2-Dibromo-3-chloropropane	0.11	15
☐ Ethylene dibromide (1,2-Dibromoethane)	0.028	15
☐ Dibromomethane	0.11	15
☐ 2,4-D (2,4-Dichlorophenoxyacetic acid)	0.72	10
☐ o,p'-DDD	0.023	0.087
☐ p,p'-DDD	0.023	0.087
☐ o,p'-DDE	0.031	0.087
☐ p,p'-DDE	0.031	0.087
☐ o,p'-DDT	0.0039	0.087
☐ p,p'-DDT	0.0039	0.087
☐ Dibenz(a,h)anthracene	0.055	8.2
☐ Dibenz(a,e)pyrene	0.061	NA
☐ m-Dichlorobenzene	0.036	6.0
☐ o-Dichlorobenzene	0.088	6.0
☐ p-Dichlorobenzene	0.090	6.0
☐ Dichlorodifluoromethane	0.23	7.2
☐ 1,1-Dichloroethane	0.059	6.0
☐ 1,2-Dichloroethane	0.21	6.0
☐ 1,1-Dichloroethylene	0.025	6.0
☐ trans-1,2-Dichloroethylene	0.054	30
☐ 2,4-Dichlorophenol	0.044	14
☐ 2,6-Dichlorophenol	0.044	14
☐ 1,2-Dichloropropane	0.85	18
☐ cis-1,3-Dichloropropylene	0.036	18
☐ trans-1,3-Dichloropropylene	0.036	18
☐ Dieldrin	0.017	0.13
☐ Diethyl phthalate	0.20	28
☐ 2-4-Dimethyl phenol	0.036	14
☐ Dimethyl phthalate	0.047	28
☐ Di-n-butyl phthalate	0.057	28
☐ 1,4-Dinitrobenzene	0.32	2.3
☐ 4,6-Dinitro-o-cresol	0.28	160
☐ 2,4-Dinitrophenol	0.12	160
☐ 2,4-Dinitrotoluene	0.32	140
☐ 2,6-Dinitrotoluene	0.55	28
☐ Di-n-octyl phthalate	0.017	28
☐ p-Dimethylaminoazobenzene	0.13	NA
☐ Di-n-propylnitrosamine	0.40	14
☐ 1,4-Dioxane	NA	170
☐ Diphenylamine (difficult to distinguish from diphenylnitrosamine).	0.92	13
☐ Diphenylnitrosamine (difficult to distinguish from diphenylamine).	0.92	13
☐ 1,2-Diphenylhydrazine	0.087	NA
☐ Disulfoton	0.017	6.2
☐ Endosulfan I	0.023	0.066
☐ Endosulfan II	0.029	0.13
☐ Endosulfan sulfate	0.029	0.13
☐ Endrin	0.0028	0.13
☐ Endrin aldehyde	0.025	0.13
☐ Ethyl acetate	0.34	33
☐ Ethyl cyanide (Propanenitrile)	0.24	360
☐ Ethyl benzene	0.057	10
☐ Ethyl ether	0.12	160
☐ bis(2-Ethylhexyl) phthalate	0.28	28
☐ Ethyl methacrylate	0.14	160
☐ Ethylene oxide	0.12	NA
☐ Famphur	0.017	15
☐ Fluoranthene	0.068	3.4
☐ Fluorene	0.059	3.4
☐ Heptachlor	0.0012	0.066
☐ Heptachlor epoxide	0.016	0.066
☐ Hexachlorobenzene	0.055	10
☐ Hexachlorobutadiene	0.055	5.6
☐ Hexachlorocyclopentadiene	0.057	2.4
☐ HxCDDs (All Hexachlorodibenzo-p-dioxins)	0.000063	0.001
☐ HxCDFs (All Hexachlorodibenzofurans)	0.000063	0.001
☐ Hexachloroethane	0.055	30
☐ Hexachloropropylene	0.035	30
☐ Indeno (1,2,3-c,d) pyrene	0.0055	3.4
☐ Iodomethane	0.19	65
☐ Isobutyl alcohol	5.6	170
☐ Isodrin	0.021	0.066
☐ Isosafrole	0.081	2.6
☐ Kepone	0.0011	0.13
☐ Methacrylonitrile	0.24	84
☐ Methanol	5.6	0.75 mg/l TCLP
☐ Methapyrilene	0.081	1.5
☐ Methoxychlor	0.25	0.18
☐ 3-Methylcholanthrene	0.0055	15
☐ 4,4-Methylene bis (2-chloroaniline)	0.50	30
☐ Methylene chloride	0.089	30
☐ Methyl ethyl ketone	0.28	36
☐ Methyl isobutyl ketone	0.14	33
☐ Methyl methacrylate	0.14	160
☐ Methyl methansulfonate	0.018	NA
☐ Methyl parathion	0.014	4.6
☐ Naphthalene	0.059	5.6
☐ 2-Naphthylamine	0.52	NA
☐ o-Nitroaniline	0.27	14
☐ p-Nitroaniline	0.028	28
☐ Nitrobenzene	0.068	14
☐ 5-Nitro-o-toluidine	0.32	28
☒ o-Nitrophenol	0.028	13
☐ p-Nitrophenol	0.12	29
☐ N-Nitrosodiethylamine	0.40	28
☐ N-Nitrosodimethylamine	0.40	2.3
☐ N-Nitroso-di-n-butylamine	0.40	17
☐ N-Nitrosomethylethylamine	0.40	2.3
☐ N-Nitrosomorpholine	0.40	2.3
☐ N-Nitrosopiperidine	0.013	35
☐ N-Nitrosopyrrolidine	0.013	35
☐ Parathion	0.014	4.6
☐ Total PCBs (sum of all PCB isomers, or all Aroclors)	0.10	10
☐ Pentachlorobenzene	0.055	10
☐ PeCDDs (All Pentachlorodibenzo-p-dioxins)	0.000063	0.001
☐ PeCDFs (All Pentachlorodibenzofurans)	0.000035	0.001
☐ Pentachloroethane	0.055	6.0
☐ Pentachloronitrobenzene	0.055	4.8
☐ Pentachlorophenol	0.089	7.4
☐ Phenacetin	0.081	16
☐ Phenanthrene	0.059	5.6
☐ Phenol	0.039	6.2
☐ Phorate	0.021	4.6
☐ Phthalic Acid	0.055	28
☐ Phthalic anhydride	0.055	28
☐ Pronamide	0.093	1.5
☐ Pyrene	0.067	8.2
☐ Pyridine	0.014	16
☐ Safrole	0.081	22
☐ Silvex (2,4,5-TP)	0.72	7.9
☐ 2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.72	7.9
☐ 1,2,4,5-Tetrachlorobenzene	0.055	14
☐ TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
☐ TCDFs (All Tetrachlorodibenzofurans)	0.000063	0.001
☐ 1,1,1,2-Tetrachloroethane	0.057	6.0
☐ 1,1,2,2-Tetrachloroethane	0.057	6.0
☐ Tetrachloroethylene	0.056	6.0
☐ 2,3,4,6-Tetrachlorophenol	0.030	7.4
☐ Toluene	0.080	10
☐ Toxaphene	0.0095	2.6
☐ Bromoform (Tribromomethane)	0.63	15
☐ 1,2,4-Trichlorobenzene	0.055	19
☐ 1,1,1-Trichloroethane	0.054	6.0
☐ 1,1,2-Trichloroethane	0.054	6.0
☐ Trichloroethylene	0.054	6.0
☐ Trichloromonofluoromethane	0.020	30
☐ 2,4,5-Trichlorophenol	0.18	7.4
☐ 2,4,6-Trichlorophenol	0.035	7.4
☐ 1,2,3-Trichloropropane	0.85	30
☐ 1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
☐ tris-(2,3-Dibromopropyl) phosphate	0.11	0.10
☐ Vinyl chloride	0.27	6.0
☐ Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations).	0.32	30
☐ Antimony	1.9	2.1 mg/l TCLP
☐ Arsenic	1.4	5.0 mg/l TCLP
☐ Barium	1.2	7.6 mg/l TCLP
☐ Beryllium	0.82	0.014 mg/l TCLP
☐ Cadmium	0.69	0.19 mg/l TCLP
☐ Chromium (Total)	2.77	0.86 mg/l TCLP
☐ Cyanides (Total)[4]	1.2	590
☐ Cyanides (Amenable)[4]	0.86	30
☐ Fluoride	35	NA
☐ Lead	0.69	0.37 mg/l TCLP
☐ Mercury-Nonwastewater from Retort	NA	0.20 mg/l TCLP
☐ Mercury-All Others	0.15	0.025 mg/l TCLP
☐ Nickel	3.98	5.0 mg/l TCLP
☐ Selenium	0.82	0.16 mg/l TCLP
☐ Silver	0.43	0.30 mg/l TCLP
☐ Sulfide	14	NA
☐ Thallium	1.4	0.078 mg/l TCLP
☐ Vanadium[5]	4.3	0.23 mg/l TCLP
☐ Zinc[5]	2.61	5.3 mg/l TCLP

*For foot notes see 40CFR 268.48

Certification Standards

I certify that I have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification. I believe that the information I submitted is true, accurate and complete.

Signature [signature] Title TRUSTEE Date

CUSTOMER COPY

THIS MEMORANDUM

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPERS NO.

RECEIVE, subject to the classifications and lawfully filed tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

DATE 8-28-98

FROM Henke Manufacturing Trust
Highway 3 East
Waverly, IA 50677

SHIP TO: WRR Environmental Servaices
5200 State Road 93
Eau Claire, WI 54701

CUSTOMER ORDER NO.	SHIPPED VIA
	Hydrite truck

NO. PKGS.	SKU #	HM	DESCRIPTION	WEIGHT (SUBJECT TO COR.)
1	1		RQ Waste Petroleum Distillates, N.O.S., 3, UN1268, [illegible], (D001) PG III, D018 Net weight 196# 1st Transporter: Hydrite Chemical Road, Kl. Is. & D. Co. Emergency phone: 319-278-4766 Author. No. 132557-G-103356 * V.S.Q.G. *	238 lb.

Received $ _____ to apply in prepayment of the charges on the property described hereon.	Agent or Cashier Per _____ (The Signature here acknowledges only the amount perpaid)	Charges Advanced $ _____	Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (Signature of Consignor) _____	If charges are to be prepaid, write or stamp here, "To be Prepaid"

* If the shipment moves between two ports by a carrier by water, the law requires that the Bill of Lading shall state whether it is "carrier's or shipper's weight." NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

"This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper conditions for transportation, according to the applicable regulations of the Department of Transportation."

Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper,

SUBJECT TO TERMS & CONDITIONS AS PRINTED ON THE BACK HEREOF

2-191-AF(6/4/96. REV.1)