INTRODUCTION TABLE OF CONTENTS

Rineco Executive Summary

Overview

Rineco is an innovative waste management company centrally located in Haskell, Arkansas, 30 miles southwest of Little Rock. Rineco is situated on 273 acres of rural industrial zoned land. Since its founding, Rineco has established itself as a dynamic leader in the waste management industry servicing numerous Fortune 500 companies throughout the United States, Canada and Mexico.

Rineco was founded in 1986 for the purpose of developing regulated waste fuel blending. Through the use of a solid and liquid blending process, Rineco manufacturers waste-derived fuel that is used as a secondary fuel source to replace coal and natural gas in cement kilns. An investment group purchased Production Fuels of Arkansas that year, and changed the name of the company to Rineco.

Rineco operates under a RCRA Part B permit and we are permitted to manage 9,517 drums and 240,000 gallons. Our processes and capabilities have allowed us to be a leader in the industry.

Over the years, Rineco has grown into a total waste management company offering all aspects of environmental services and waste management for fuel and non-fuel streams alike.

Rineco's Total Waste Management Program

Rineco's Total Waste Management Program was developed in response to the diverse waste management needs of our customers. Our program is based on the concept of providing comprehensive waste-related services to our many customers.

The Total Waste Management Program encompasses Rineco's complete range of services and includes Fuel Blending, Non-Fuels Services, Drum Recycling, Rineco Analytical Services, Training Services, On-Site Services, Rineco Emergency Services and Non-Regulated Disposal all backed by unparalleled customer service.

- **Fuel Blending Waste Disposal Services**

Rineco's unique fuel blending services include processing liquids, hard-to-process solids, odd sized containers, low BTU materials, CERCLA waste and monolithic waste streams.

- **Non-Fuel Waste Disposal Services**

Wastes not compatible to fuel blending at cement kilns or through other energy recovery methods are managed through our Non-Fuels Program. Typical examples of non-fuel wastes include aerosols, reactives, and waste waters.

- **Drum Recycling Services**

Rineco processes RCRA-empty steel and fiber drums destroying chemical residues within the drum. Decontaminated steel drums are sent to steel mills for recycling. A Certificate of Recycling is issued for the number of containers and pounds recycled. Fiber drums are shredded and converted into waste derived fuel.

- **Rineco Analytical Services**

Rineco's full service commercial laboratory offers a complete range of analytical lab services backed by superior customer service, competitive pricing and state-of-the-art technology.

- **Training Services**

Rineco provides on-site environmental training customized to meet specific needs. Training subjects include, but are not limited to, OSHA, RCRA, and DOT.

- **On-Site Services**

Rineco's On-Site Services is an integral part and one of the fastest growing areas of our Total Waste Management program. Our On-Site Services Team will work with you to analyze existing environmental programs and make recommendations for improvement. Our services include placement of Rineco personnel at your site to meet your outsourcing needs as well as providing industrial cleaning, tank cleaning, confined space entry, plant closure work and demolition.

- **Rineco Emergency Services**

With our easy, one call activation to 877-737-5277, Rineco Emergency Services can professionally manage your spills anywhere in the country. Rineco's emergency responders are strategically located throughout the country for expeditious response to your emergency or non-emergency response needs, 24 hours a day, 365 days a year.

- **Non-Regulated Disposal**

Although non-regulated waste is not under RCRA jurisdiction, long term exposure issues may still be a concern. Rineco can alleviate those concerns by offering a solution that totally destroys the material, and your exposure. Rineco's Non-Regulated Program is a state-of-the-art "blending" program that utilizes non-regulated waste-to-energy and water treatment disposal technologies

Customer Service Standards

Rineco's marketing and customer service departments are designed to accommodate a variety of needs. These departments are staffed with specialists who are trained to assist generators with all aspects of waste disposal from arranging pick-up of the shipment to issuance of the Certificate of Disposal once the waste has been properly disposed. All necessary paperwork and labels associated with waste shipments are prepared at no charge. Rineco is dedicated to servicing its customers in a personal way, as each company has individual requirements and concerns.

Rineco hosts two web sites, Rineco.com and RINECOdirect.com. Rineco.com offers information about Rineco and the services we offer, a photo tour of our Arkansas facility, an on-line profile form and downloadable Certificates of Insurance and other forms.

RINECOdirect.com is our unique interactive web site that provides real time data regarding the movement of waste through the facility. The reporting features of the site will allow the user to build a waste summary report based on a date range, and manifest or profile number. Profiling and waste shipment scheduling is also available.

Rineco's customer services include:

- Provide all preprinted shipping documents (manifests, labels, LDR's, placards)
- On-line profiling, waste shipment scheduling and tracking through RINECOdirect.com
- Arranging all shipments (LTL, FTL, Tank Trucks, etc…)
- Provide labeling, loading, inventory control, tracking, and reporting
- Provide sampling services and profiling services
- Available for on-site service work (lab packing, tank cleaning, etc.)
- Waste Management Consulting

Safety and Regulatory Assurances

Rineco's commitment to safety and regulatory excellence is demonstrated in our programs, policies and achievements.

- Fully permitted Part B facility
- Daily self inspections
- On-site inspector program with Arkansas Department of Environmental Quality (ADEQ)
- Semi-Annual ADEQ inspections. EPA Region VI inspections are at the desecration of the agency.
- All production areas are concreted and curbed with a ¼" steel overlay
- Standard Operating Procedures developed by industry safety expert
- Annual industrial hygiene audits
- Decreasing OSHA recordables since 1995
- (6) Department of Labor awards since 1996
- $15 million Pollution Liability Insurance coverage
- All process equipment has liquid CO_2 inertion, oxygen analyzers with interlocks, infrared cameras and are vented to a thermal oxidation unit.

Growth and Financial Investment

Rineco has experienced tremendous growth in the past few years. Our capital investments are linear to our growth reaching more than $25,000,000 since 1995. This includes an 88,000 square foot expansion, state-of-the-art 240,000-gallon tank farm, and development of waste data management software and an interactive web site, RINECOdirect.com. This "cradle to grave" tracking system records waste shipments from the time they are received by Rineco until the waste is disposed at a Rineco approved outlet. Each and every container is assigned an "individual container" or "IC" number that can be scanned and recorded by a barcode reader. This process makes waste tracking at Rineco efficient and precise.

Rineco has grown by:

- paying close attention to each customer's needs by offering customized services
- having the unique ability to blend "hard to process" waste
- implementing a "cradle to grave" management philosophy
- managing state-of-the-art laboratory and related services
- maintaining our status as a regulatory compliant company
- providing a single source solution for our customers through Total Waste Management

Community Relations

Rineco is a leader in Saline County. We were recently awarded "Best Overall Industry in Saline County" in the 2000 Benton Courier readership poll. Rineco actively participates on the Executive Board of the Benton Chamber of Commerce and regularly sponsors programs in our local schools. State and local officials frequently tour our facility.

Rineco's Future

Rineco continues to focus on Total Waste Management, which provides our clients with quality customer service, and ONE source for all disposal needs.

Resolution #10-94

Expressing the Appreciation of the City of Haskell to the Arkansas Department of Health and to the Arkansas Department of Pollution Control and Ecology and The Support of the City of Haskell for Rineco Chemical Industries, Inc.

Whereas, the City of Haskell has a responsibility for the health and welfare of the community within its corporate bounds;

Whereas, the Arkansas Department of Health and the Arkansas Department of Pollution Control and Ecology have responsibilities for groundwater, hazardous materials management, and other environmental considerations in the regulation of industrial operations;

Whereas, Rineco Chemical Industries, Inc., located within the corporate limits of the City of Haskell, has applied for certain permits for operations subject to regulatory authority of the State of Arkansas;

Whereas, during the permit application process questions from the community about the actual or potential environmental impacts of Rineco Chemical Industries, Inc.'s current or proposed operations have led to close examination of said operations by appropriate state regulatory authorities;

Whereas, the City of Haskell delegated representatives to meet with said state regulatory authorities to examine, in light of concerns expressed from within and without the community, the public record and current findings of the state as to the nature of the impact of operations of Rineco Chemical Industries, Inc. on the environment and public health and welfare of the community; and

Whereas, the representatives of the City of Haskell having found and reported that there is no apparent evidence from the public record or revealed by direct meetings with staff of the

appropriate state regulatory authorities that Rineco Chemical Industries, Inc.'s current or proposed operations do or are expected to adversely impact the environment of the community, and they further found no cause from examination of the public record and meetings to believe that appropriate regulatory permits covering present or future operations will not be issued;

Now, therefore, the City of Haskell:

First, expresses its appreciation to the Arkansas Department of Health and to the Arkansas Department of Pollution Control and Ecology for exercising appropriate diligence within the regulatory scope of their respective agencies to protect the environment and public health and welfare of the City of Haskell and surrounding community;

Second, expresses its support for Rineco Chemical Industries, Inc. as a corporate citizen in good standing of the City of Haskell and of the State of Arkansas and as major positive impact on the economy of the City, Saline County, and the State; and

Third, expresses its intention to continue support of Rineco Chemical Industries, Inc. as a citizen and employer in the community to the extent that the Company complies with all local, state, and Federal regulations governing its operations as provided for by and in applicable law.

Resolved this Seventh Day of November, 1994 by the Mayor and the Council of the City of Haskell, Saline County, Arkansas.

H.S. Quantz, Mayor

Jerry Dandurand, City Clerk

WASTE MATERIAL PROFILE SHEET

Rineco

819 Vulcan Road -- Haskell
P.O. Box 729, Benton, AR
Office (501) 778-9089 Fax (501) 778-0201

Prepared by: _____

I. WASTE MATERIAL PROFILE SHEET

In accordance with the Federal and State regulations, it is necessary for the Generator of hazardous waste to properly identify the waste for their records as well as to supply the disposal facility with the information necessary to handle the waste. The information outlined below must complete, and signed by the generator. PLEASE PRINT LEGIBLY OR TYPE.

Generator Name: _____ USEPA I.D. No. _____

Address: _____ State I.D. No. _____

_____ Phone: _____

_____ _____ _____ Fax: _____

Technical Contact: _____ Title: _____

24 hour Emergency Contact: _____ 24-hour Phone: _____

Is this material located or generated in a foreign country? _____

Foreign Address: _____

II. GENERAL INFORMATION

Material Name: _____

___A. Does waste exhibit the characteristic of ignitability as defined in 40 CFR 261.21?

___B. Does waste exhibit the characteristic of corrosivity as defined in 40 CFR 261.22?

___C. Does waste exhibit the characteristic of reactivity as defined in 40 CFR261.23?

___D. Is waste a spent solvent as defined in 40 CFR 261.31?

___E. Is waste a discarded chemical product, off spec, container or spill residues as defined in 40 CFR 261.33?

Detailed description of process generating waste: _____

Anticipated Monthly Volume: _____

Bulk: ☐ Drum: ☐ Other: ☐ Explain: _____

III. MATERIAL COMPOSITION

	Concentration			
Component	**Min**	**Max**	**Actual**	**PPM**

IV. PHYSICAL CHARACTERISTICS

Physical State: __Solid __Semi-solid __Liquid

Free Liquid: __Yes __No

Viscosity: __Low __Medium __High

Layers: __Single __Bi-Layered __Multi

Odor: __None __Mild __Strong

Flash Point: __<73F __73F - 140F __140F - 200F __>200F

pH: __<2 __>12.5

Actual pH: _____

Density: _____ BTU: _____

IV. OTHER CHARACTERISTICS

__Explosive __Dioxin

__Radioactive __Shock Sensitive

__Sulfide __PCB

__Etiological __Cyanide

__Pyrophoric __Water Reactive

VI. SHIPPING INFORMATION

DOT Hazardous Material ____Yes ____No ER Guide #: _____

Proper Shipping Name: _____

Hazard Class and Division: _____ UN or NA: _____ Packaging Group: _____

RQ: ____Yes ____No If Yes: _____ Special Provisions: _____

_____

USEPA HAZARDOUS WASTE: ____Yes ____No

Waste I.D. Numbers: _____

_____

_____

VII. INDICATE IF THIS WASTE CONTAINS ANY OF THE FOLLOWING CHARACTERISTICS as defined by 40 CFR 261.24.

Check only if waste exceeds regulatory threshold levels and include any analytical date if available.

Constituent	Regulatory level PPM	TCLP PPM	Total PPM	Know-ledge	Constituent	Regulatory level PPM	TCLP PPM	Total PPM	Know-ledge
D004 Arsenic	5.000				D024m-Cresol	200.000			
D005 Barium	100.000				D025p-Cresol	200.000			
D006 Cadmium	1.000				D026 Cresol	200.000			
D007 Chromium	5.000				D027 1,4 Dichlorobenzene	200.000			
D008 Lead	5.000				D028 1,2 Dichloroethane	7.500			
D009 Mercury	0.200				D029 1,1 Dichloroethylene	0.500			
D010 Selenium	1.000				D0302,4 Dinitrotoluene	0.700			
D011 Silver	5.000				D031 Heptachlor	0.010			
D012 Eldrin	0.020				D032 Hexachlorobenzene	0.130			
D013 Lindane	0.400				D033 Hexachlorobutadien	0.500			
D014 Methoxychlor	10.000				D034 Hexachloroethane	3.000			
D015 Toxaphene	0.500				D035 Methyl Ethyl Ketone	200.000			
D0162,4 Dichloropohenoxyacetic acid	10.000				D036 Nitrobenzene	2.000			
D0172,4,5 TP Silvex	1.000				D037 Pentachlorophenol	100.000			
D018 Benzene	0.500				D038 Pyridine	5.000			
D019 Carbon Tetrachloride	0.500				D039 Tetrachloroethylene	0.700			
D020 Chlordane	0.030				D040 Trichloroethylene	0.500			
D021 Cholrobenzene	100.000				D041 2,4,5 Trichloroethylene	400.000			
D022 Chloroform	6.000				D042 2,4,6 Trichlorophenol	2.000			
D023 o-Cresol	200.000				D043 Vinyl Chloride	0.200			

VIII. Benzene Waste Operations NESHAP Generator Certification.

Complete only is D018 and/or U019 appear in section VI (shipping information).

	Yes	No
1. Is this waste generated by an industry with any of the following SIC codes: 2911,2800-2899,3312 or 4953?	☐	☐
2. Does this stream have Benzene concentration of 10ppm or more?	☐	☐
3. Does this stream contain greater than 10% moisture?	☐	☐
4. Is this company's Total Annual Benzene (TAB) of 10 Mg or greater per year?	☐	☐

AUTHORIZATION TO CORRECT WASTE MATERIAL PROFILE SHEET: In the event Rineco determines that it is necessary to make corrections on this Waste Material Profile Sheet to make the information herein consistent with the results of the sample characterization and/or applicable federal and state statutes and regulations. Rineco will contact the Generator and receive oral authorization to make such corrections. Generator___**does**___**does not** hereby authorize Rineco to make such changes pursuant to this paragraph.

GENERATOR CERTERFICATION: THIS CERTIFICATION IS REQUIRED FOR EACH PROFILE.

This above information is to be held confidential and is true and accurate to the best of my knowledge.

Signature: _____ Date: _____

Print Name: _____ Title: _____

ARKANSAS HAZARDOUS WASTE MANIFEST

STATE OF ARKANSAS
Department of Pollution Control and Ecology
P. O. Box 8913 Little Rock, Arkansas 72219-8913
Telephone 501-562-7444

1

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

Form Approved. OMB No. 2050-0039. Expires 9-30-9-

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

A. State Manifest Document Number: AR- 610136

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID PC ____ H ___

D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID PC ____ H ___

F. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.					
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

EMERGENCY RESPONSE INFORMATION:

if no alternate TSDF, return to generator

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Arkansas state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volumn and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name | Signature | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

NOTICE: THE ORIGINAL AND NOT LESS THAN TWO (2) COPIES MUST MOVE WITH THE HAZARDOUS WASTE SHIPMENT. ONCE DELIVERED, THE TREAT-

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Generator		**EPA ID #**			
EPA Codes		**State Man. #**		**Man. Doc. #**	
		Profile #		**Line Item**	

EPA Waste Codes		Waste Description & Treatment/ Regulatory Subcategory (NON-WASTEWATER)	Concentration in mg/l or Technology Code
☐	**D001**	Ignitable characteristic wastes, except for 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
☐	**D001**	High TOC Ignitable characteristic liquids subcategory based on 40 CFR 261.21(a) (1) -greater than or equal to 10% TOC.	RORGS; or CMBST
☐	**D002**	Corrosive characteristic wastes that are managed in non-CWA non-CWA equivalent, or class I SDWA systems.	DEACT & meet 268.48 standards

D004-D011 Heavy Metals Expressed in Concentrations of mg/l (TCLP) (NON-WASTEWATER)

☐	**D004**	Arsenic 5.0	☐	**D008**	Lead 5.0
☐	**D005**	Barium 100	☐	**D009**	Mercury 0.20 low mercury subcategory
☐	**D006**	Cadmium 1.0	☐	**D010**	Selenium 5.7
☐	**D007**	Chromium 5.0	☐	**D011**	Silver 5.0

D012-D043 Concentrations Expressed in mg/kg, and Must Meet 268.48 Standards. (NON-WASTEWATER)

☐	**D012** Endrin 0.13	☐	**D024** m-cresol 5.6	☐	**D036** Nitrobenzene 14
☐	**D013** Lindane 0.066	☐	**D025** p-cresol 5.6	☐	**D037** Pentachlorophenol 7.4
☐	**D014** Methoxychlor 0.18	☐	**D026** Cresol Mixed Isomer 11.2	☐	**D038** Pyridine 16
☐	**D015** Toxaphene 2.6	☐	**D027** p-dichlorobenzene 6.0	☐	**D039** Tetrachloroethylene 6.0
☐	**D016** 2,4 D 10	☐	**D028** 1,2-dichloroethane 6.0	☐	**D040** Trichloroethylene 6.0
☐	**D017** 2,4,5-TP Silvex 7.9	☐	**D029** 1,1-dichloroethylene 6.0	☐	**D041** 2,4,5-Trichlorophenol 7.4
☐	**D018** Benzene 10	☐	**D030** 2,4-dinitrotoluene 140	☐	**D042** 2,4,6-Trichlorophenol 7.4
☐	**D019** Carbon Tetrachloride 6.0	☐	**D031** Heptachlor & epoxides 0.066	☐	**D043** Vinyl Chloride 6.0
☐	**D020** Chlordane 0.26	☐	**D032** Hexachlorobenzene 10		
☐	**D021** Chlorobenzene 6.0	☐	**D033** Hexachlorobutadiene 5.6		
☐	**D022** Chloroform 6.0	☐	**D034** Hexachloroethane 30		
☐	**D023** o-cresol 5.6	☐	**D035** Methyl Ethyl Ketone 36		

F001-F005 Spent Solvents; concentrations expressed in mg/kg

F003-F005 Non-Wastewater spent solvents expressed in mg/l (TCLP)

(NON-WASTEWATER)

☐	Acetone 160	☐	Isobutyl Alcohol 170	☐	Carbon disulfide 4.8
☐	Benzene 10	☐	Methylene Chloride 30	☐	Cyclohexanone 0.75
☐	N-butyl alcohol 2.6	☐	Methyl Ethyl Ketone 36	☐	Methanol 0.75
☐	carbon tetrachloride 6.0	☐	Methyl Isobutyl Ketone 33		
☐	chlorobenzene 6.0	☐	Nitrobenzene 14		
☐	o-cresol 5.6	☐	Pyridine 16		
☐	m-cresol 5.6	☐	Tetrachloroethylene 6.0		
☐	p-cresol 5.6	☐	Toluene 10		
☐	Cresol mixed isomers 11.2	☐	111-Trichloroethane 6.0		
☐	O - Dichlorobenzene 6.0	☐	112-Trichloroethane 6.0		
☐	Ethyl Acetate 33	☐	112-Trichloro-122-trifluoroethane 30		
☐	Ethyl Benzene 10				
☐	Ethyl Ether 160	☐	Trichloroethylene 6.0		
		☐	Trichloromono-fluoromethane 30		
		☐	Xylene (mixed isomers) 30		

07/09/96 kc

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Generator _____ EPA ID # _____

EPA Waste Codes	(NON-WASTEWATER)	Technology Code
☐	U189,U249, U133, U135, U098, U023, U113, U086, U099,U103,U109, U160	CHOXD;CHRED; or CMBST
☐	U246	CHOXD;WETOX; or CMBST
☐	U115	CHOXD; or INCIN
☐	K044,K045,K047	DEACT
☐	K112, K123, K124, K125, K126, K025, K026, U001, U006, U007, U010, U014, U015, U017, U020, U021, U026, U033, U034, U035, U038, U041, U042, U046, U049, U059, U062, U073, U074, U091, U092, U093, U095, U097, U110, U114, U116, U119, U132, U143, U148, U149, U150, U153, U156, U163, U167, U168, U171, U173, U176, U178, U184, U191, U193, U194, U200, U202, U206, U218, U219, U222, U236, U237, U238, U244, F005 (2-Nitropropane, 2-ethoxyethanol); U328, U353, F024 K027, K039, K113, K114, K116, U008, U016, U053, U055, U056, U057, U058, U064, U085, U087, U089, U090, U094, U113, U122, U123, U124, U125, U126, U147, U154, U166, U182, U186, U197, U201, U213, U221, U223, U248, U359, K107, K108, K109, K110, U011, U016, U053, U055, U056, U003, U008, U108, U164, U177, U234	CMBST
☐	K106	RMERC
☐	U134	ADGAS fb NEUTR; or NEUTR

*Note: Retain one copy for your files, send one copy with your shipment

268.48 UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Generator Name: _____ **TSDF Profile #:** _____

State Manifest Doc. #: _____ **Manifest Doc. #:** _____

: specified treatment technology of "DEACT" and meet 268.48 Standard" is identified, then each underlying hazardous constituent present in the ste at the point of generation that is at a level above the F039 constituent specific treatment standard must be listed. Please check the box next to each nstituent present to note the constituent(s) that must be managed under 40 CFR 268.7 .

Constituent	Present	NWW	Constituent	Present	NWW
I. Organic Constituents	Check Here	Mg/kg3		Check Here	Mg/kg3
A2213		1.4	Chlordane (alpha & gamma isomers)		0.26
Acenaphthene		3.4	p-Chloroaniline		16
Acenaphthylene		3.4	Chlorobenzene		6.0
Acetone		160	Chlorobenzilate		NA
Acetonitrile		38	2-Chloro-1,3-butadiene		0.28
Acetophenone		9.7	Chlorodibromomethane		15
2-Acetylaminofluorene		140	Chloroethane		6.0
Acrolein		NA	bis (2-Chloroethoxy) methane		7.2
Acrylamide		23	bis (2-Chloroethyl) ether		6.0
Acrylonitrile		84	2-Chloroethyl Vinyl Ether		NA
Aldicarb Sulfone		0.28	Chloroform		6.0
Aldrin		0.066	bis (2-Chloroisopropyl) ether		7.2
4-Aminobiphenyl		NA	p-Chloro-m-cresol		14
Aniline		14	Chloromethane / Methyl Chloride		30
Anthracene		3.4	2-Chloronaphthalene		5.6
Aramite		NA	2-Chlorophenol		5.7
Barban		1.4	3-Chloropropylene		30
.diocarb		1.4	Chrysene		3.4
endiocarb Phenol		1.4	o-Cresol		5.6
Benomyl		1.4	m-Cresol		5.6
Benz (a) anthracene		3.4	p-Cresol		5.6
Benzal Chloride		6.0	m-Cumenyl Methylcarbamate		1.4
Benzene		10	Cycloate		1.4
Benzo (b) fluoranthene		6.8	Cyclohexanone		0.75 mg/L TCLP
Benzo (k) fluoranthene		6.8	o, p'- DDD		0.087
Benzo (g,h,i) perylene		1.8	p, p'- DDD		0.087
Benzo (a) pyrene		3.4	o, p'- DDE		0.087
Benzo (a) pyrene alpha-BHC		0.066	p, p'- DDE		0.087
Benzo (a) pyrene beta-BHC		0.066	o, p'- DDT		0.087
Benzo (a) pyrene delta-BHC		0.066	p, p'- DDT		0.087
Benzo (a) pyrene gamma-BHC		0.066	Dibenz (a,h) anthracene		8.2
Bromodichloromethane		15	Deibenz (a, e) pyrene		NA
Bromomethane / Methyl Bromide		15	1, 2-Dibromo-3-chloropropane		15
4-bromophenyl Phenyl Ether		15	1, 2-Dibromoethane/Ethylene Dibromide		15
N-butyl Alcohol		2.6	Dibromomethane		15
Butyl Benzyl Phthalate		28	m-Dichlorobenzene		6.0
Butylate		1.4	o-Dichlorobenzene		6.0
2-sec-Butyl-4,6-dinitrophenol/Dinoseb		2.5	p-Dichlorobenzene		6.0
Carbaryl		0.14	Dichlorodifluoromethane		7.2
Carbenzadim		1.4	1, 1-Dichloroethane		6.0
bofuran		0.14	1, 2-Dichloroethane		6.0
ofuran Phenol		1.4	1, 1-Dichloroethylene		6.0
rbon Disulfide		4.8 mg/L TCLP	trans-1, 2-Dichloroethylene		30
Carbon Tetrachloride		6.0	2, 4-Dichlorophenol		14
Carbosulfan		1.4	2, 6-Dichlorophenol		14

268.48 UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Constituent	Present	NWW	Constituent	Present	NWW
I. Organic Constituents Cont'd	**Check Here**	**Mg/kg3**		**Check Here**	**Mg/kg3**
4-Dichlorophenoxyacetic Acid/2, 4-D		10	HxCDDs (All Hexachlorodibenzo-p-dioxins)		0.001
, 2-Dichloropropane		18	HxCDFs (All Hexachlorodibenzofurans)		0.001
cis-1, 3-Dichloropropylene		18	Indeno (1,2,3-c,d) pyrene		3.4
trans-1, 3-Dichloropropylene		18	Iodomethane		65
Dieldrin		0.13	3-Iodo-2-propynyl n-butylcarbamate		1.4
Diethyl Phthalate		28	Isobutyl Alcohol		170
Diethylene Glycol, Dicarbamate		1.4	Isodrin		0.066
p-Dimethylaminoazobenzene		NA	Isolan		1.4
2-4-Dimethyl Phenol		14	Isosafrole		2.6
Dimethyl Phthalate		28	Kepone		0.13
Dimetilan		1.4	Methacrylonitrile		84
Di-n-butyl Phthalate		28	Methanol		0.75 mg/L TCLP
1, 4-Dinitrobenzene		2.3	Methapyrilene		1.5
4, 6-Dinitro-o-cresol		160	Methiocarb		1.4
2, 4-Dinitrophenol		160	Methomyl		0.14
2, 4-Dinitrotoluene		140	Methoxychlor		0.18
2, 6-Dinitrotoluene		28	Methyl Ethyl Ketone		36
Di-n-octyl Phthalate		28	Methyl Isobutyl Ketone		33
Di-n-propylnitrosamine		14	Methyl Methacrylate		160
1, 4-Dioxane		170	Methyl Methansulfonate		NA
Diphenylamine		13	Methyl Parathion		4.6
Diphenylnitrosamine		13	3-Methylchlolanthrene		15
1, 2-Diphenylhydrazine		NA	4, 4-Methylene bis (2-chloroaniline)		30
Disulfoton		6.2	Methylene Chloride		30
ıocarbamates (total)		28	Metolcarb		1.4
ıdosulfan I		0.066	Mexacarbate		1.4
Endosulfan II		0.13	Molinate		1.4
Endosulfan Sulfate		0.13	Naphthalene		5.6
Endrin		0.13	2-Naphthylamine		NA
Endrin Aldehyde		0.13	o-Nitroaniline		14
EPTC		1.4	p-Nitroaniline		28
Ethyl Acetate		33	Nitrobenzene		14
Ethyl Benzene		10	5-Nitro-o-toluidine		28
Ethyl Cyanide/Propanenitrile		360	o-Nitrophenol		13
Ethyl Ether		160	p-Nitrophenol		29
Ethyl Methacrylate		160	N-Nitrosodiethylamine		28
Ethylene Oxide		NA	N-Nitrosodimethylamine		2.3
bis (2-Ethylgexyl) Phthalate		28	N-Nitroso-di-n-butylamine		17
Famphur		15	N-Nitrosomethylethylamine		2.3
Fluoranthene		3.4	N-Nitrosomorpholine		2.3
Fluorene		3.4	N-Nitrosopiperidine		35
Formetanate Hydrochloride		1.4	N-Nitrosopyrrolidine		35
Formparanate		1.4	Oxamyl		0.28
Heptachlor		0.066	Parathion		4.6
Heptachlor Epoxide		0.066	Total PCBs (Sum of all PCB isomers, or all Arochlors)		10
Hexachlorobenzene		10	Pebulate		1.4
Hexachlorobutadiene		5.6	Pentachlorobenzene		10
achlorocyclopentadiene		2.4	PcCDDs (All Pentachlorodibenzo-p-dioxins)		0.001
exachloroethane		30	PeCDFs (All Pentachlorodibenzofurans)		0.001
Hexachloropropylene		30	Pentachloroethane		6.0

268.48 UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Constituent	Present	NWW	Constituent	Present	NWW
rganic Constituents Cont'd	Check Here	Mg/kg3	II. Inorganic Constituents	Check Here	Mg/kg3
ntachloronitrobenzene		4.8	Antimony		2.1 mg/L TCLP
Pentachlorophenol		7.4	Arsenic		5.0 mg/L TCLP
Phenacetin		16	Barium		7.6 mg/L TCLP
Phenanthrene		5.6	Beryllium		0.014 mg/L TCLP
Phenol		6.2	Cadmium		0.19 mg/L TCLP
o-Phenylenediamine		5.6	Chromium (Total)		0.86 mg/L TCLP
Phorate		4.6	Cyanides (Total)		590
Phthalic Acid		28	Cyanides (Amenable)		30
Phthalic Anhydride		28	Fluoride		NA
Physostigmine		1.4	Lead		0.37 mg/L TCLP
Physostigmine Salicylate		1.4	Mercury-Nonwastewater from retort		0.20 mg/L TCLP
Promecarb		1.4	Mercury-All Others		0.25 mg/L TCLP
Pronamide		1.5	Nickel		5.0 mg/L TCLP
Propham		1.4	Selenium		0.16 mg/L TCLP
Propoxur		1.4	Silver		0.30 mg/L TCLP
Prosulfocarb		1.4	Sulfide		NA
Pyrene		8.2	Thallium		0.78 mg/L TCLP
Pyridine		16	Vanadium		0.23 mg/L TCLP
Safrole		22	Zinc		5.3 mg/L TCLP
Silvex / 2,4,5-TP		7.9			
1,2,4,5-Tetrachlorobenzene		14			
TCDDs (All Tetrachlorodibenzo-p-dioxins)		0.001			
DFs (All Tetrachlorodibenzofurans)		0.001			
,1,2-Tetrachloroethane		6.0			
,1,2,2-Tetrachloroethane		6.0			
Tetrachloroethylene		6.0			
2,3,4,6-Tetrachlorophenol		7.4			
Thiodicarb		1.4			
Thiophanate-methyl		1.4			
Tirpate		0.28			
Toluene		10			
Toxaphene		2.6			
Triallate		1.4			
Tribromomethane/Bromoform		15			
1,2,4-Trichlorobenzene		19			
1,1,1-Trichloroethane		6.0			
1,1,2-Trichloroethane		6.0			
Trichloroethylene		6.0			
Trichloromonofluoromethane		30			
2,4,5-Trichlorophenoxyacetic Acid/2,4,5-T		7.4			
2,4,6-Trichlorophenol		7.4			
2,4,5-Trichlorophenol		7.9			
1,2,3-Trichloropropane		30			
1,1,2-Trichloro-2,2,2-trifluoroethane		30			
Triethylamine		1.5			
tris-(2,3-Dibromopropyl) Phosphate		0.10			
olate		1.4			
inyl Chloride		6.0			
Xylenes (sum of o-,m-,p-xylene concetrations)		30			