

MINUTES OF THE Senate COMMITTEE ON Energy and Natural Resources

The meeting was called to order by Senator Charlie L. Angell at
Chairperson

8:00 a.m. ~~XXXX~~ on Wednesday, March 28, 19 84 in room 123-S of the Capitol.

All members were present except:

Senator Paul Hess
Senator Ed Roitz

Committee staff present:

Ramon Powers, Research Department
Don Hayward, Revisor's Office
LaVonne Mumert, Secretary to the Committee

Conferees appearing before the committee:

Barbara Sabol, Secretary, Kansas Department of Health and Environment
Bill Bryson, Kansas Department of Health and Environment
Dennis Murphey, Kansas Department of Health and Environment
Matt Selby, Sierra Club
Marsha Marshall, Kansas Natural Resources Council
Bill Henry, Kansas Engineering Society
Jim Aiken, Kansas Engineering Society
Bruce Bodecker, Furley

Senator Werts moved that the minutes of the March 27, 1984 meeting be approved. Senator Vidricksen seconded the motion, and the motion carried.

H.B. 2725 - Ground burial of hazardous waste; prohibited

H.B. 2726 - Hazardous waste clean-up fund; established

Copies of "Hazardous Waste Generation and Treatment, Storage and Disposal Practices in Kansas 1981 and 1982 Annual Report Summary" (Attachment 1) were distributed to the Committee.

Barbara Sabol reviewed "Questions from March 27, 1984 Meeting of Senate Energy and Natural Resources Committee" (Attachment 2). She said that her answer that Vulcan Materials Company was not paying any hazardous waste fees was not correct. They pay a generator monitoring fee and fees for the hazardous waste storage and treatment performed on-site. Responding to a question from Chairman Angell, Ms. Sabol stated that Vulcan is not paying any fees into the perpetual care fund.

Bill Bryson explained the situation at Vulcan. He said they have a system of five inter-ceptor wells that pump contaminated groundwater from underneath the plantsite. The system is designed to keep the contamination from migrating. Mr. Bryson stated that the groundwater underneath the plant became contaminated from leaks, spills and disposal problems.

Ms. Sabol said the question concerning whether Vulcan should pay perpetual care fund fees has been referred to the legal department of Health and Environment. Chairman Angell questioned whether the definition of "hazardous waste" in Section 1(f), the definition of "radioactive waste" in Section 1(r) and Section 2(b) in H.B. 2725 puts Kansas in conflict with the terms of the Low-Level Radioactive Waste Compact and whether there is also a problem of what will be done until a site is developed under the Compact. Ms. Sabol said that there is a package of four bills: H.B. 2725 - prohibition on ground burial, H.B. 2726 - superfund, H.B. 2760 - low-level radioactive waste and H.B. 2740 - which amends the current hazardous waste statutes to bring them into compliance with the federal statutes. She advised that the bills amend the definition of hazardous waste so that it does not include low-level radioactive waste.

Chairman Angell asked why above-ground landfill mounds are preferable to ground burial. Dennis Murphey said that the mounds are more easily monitored and the leachate does not remain on the liner but is pumped off. Ms. Sabol pointed out that with ground burial disposal, the groundwater is already contaminated by the time a problem is diagnosed, but with mound disposal, there is a much better possibility that problems can be discovered before the groundwater is contaminated.

CONTINUATION SHEET

MINUTES OF THE Senate COMMITTEE ON Energy and Natural Resources,
room 123-S, Statehouse, at 8:00 a.m./~~p.m.~~ on Wednesday, March 28, 1984

Chairman Angell asked what H.B. 2725 allows the Secretary of Health and Environment to do that cannot be done under current statutes. Ms. Sabol replied that this bill would be a clear statement that other methods of disposal must be utilized. Further, she stated that she does not presently have authority to deny an application simply on the basis of ground burial. This bill shifts the burden of proof from the Secretary having to show why an application should be denied to the applicant having to show why an exception should be granted to allow ground burial.

Matt Selby read his written statement (Attachment 3) in support of H.B. 2725 and H.B. 2726. He stated that prohibiting land burial will provide added protection for groundwater. He feels the bills also provide incentive to find alternate sources of disposal. Mr. Selby said the superfund would provide funds to investigate potential problem areas before they become major, very expensive clean-up projects.

Marsha Marshall said her organization strongly supports both of the bills.

Bill Henry testified that H.B. 2725 allows for disposal by mound landfill, land treatment and underground injection and cautioned that these methods have the potential to be just as hazardous as ground burial. Mr. Henry stated that they would suggest that a section be added to H.B. 2726 to allow the Secretary to use funds for clean up of spills of hazardous materials.

Jim Aiken reviewed his written testimony (Attachment 4). He mentioned the possible conflict in the bills with the Low-Level Radioactive Waste Compact. He voiced concerns that mentioning injection wells in the statute might increase the use of such disposal methods. He recommends that along with banning ground burial of hazardous wastes, the state should provide or arrange for facilities to treat, process, recycle and dispose of hazardous wastes.

Bruce Bodecker testified in favor of H.B. 2725 and H.B. 2726. He said burial of hazardous wastes should be banned for many reasons: eventually there will be leakage, satisfactory monitoring is impossible, clean-up of hazardous waste sites is very expensive, clean-up after contamination is almost impossible, closures are extremely difficult to maintain and air and groundwater contamination cause present and future health problems. Mr. Bodecker stated that he does not agree with the prohibition on burial is not needed in the statute because the state administration changes and it is necessary to have the prohibition in statute to insure that the policy will continue.

The meeting was adjourned at 9:05 a.m. by the Chairman. The next meeting of the Committee will be at 8:00 a.m. on Thursday, March 29, 1984.

Senate Energy + Natural Resources

March 28, 1984

<u>Name</u>	<u>Organization</u>
Bruce Bodecker	Citizen
Jane Bodecker	concerned citizen
Marjorie Bodecker	" "
D. Hatal	
Joe Hopkin	Cities Service of Ks
Bill Denny	Ks Engineering Society
Jim Aiken	Ks. Engineering Society
Chris McKenzie	League of Ks. Municipalities
Bill Bryson	KDHE
Dennis Murphy	KDHE
E	
Matt Selby	Sierra Club
Pete McGee	CWM
Arda Sheehy	WMI
JAMES L. YOUNG	CWM
Chip Wheeler	CWM
Roy D. Shankel	KCP L
Jerry Conrad	KGE
Rob Hodges	KCCI
ROSS MARTIN	KPC
Norma Daniels	Senate

HAZARDOUS WASTE GENERATION AND TREATMENT,
STORAGE, AND DISPOSAL PRACTICES IN KANSAS
1981 AND 1982 ANNUAL REPORT SUMMARY

PREPARED BY

STATE OF KANSAS
DEPARTMENT OF HEALTH AND ENVIRONMENT
BUREAU OF WASTE MANAGEMENT
BUILDING 321, FORBES FIELD
TOPEKA, KANSAS 66620
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October 1983

Atch. 1

1981 AND 1982 ANNUAL REPORT SUMMARY

The Kansas Department of Health and Environment (KDHE) began regulation of the generation and treatment, storage, and disposal of hazardous waste in 1977. With the advent of federal regulation of hazardous waste in 1980, KDHE adopted the federal standards for management of hazardous waste. These standards require that all hazardous waste generators and treatment, storage, and disposal facilities (TSDF) submit an annual report which details the types, quantities, and management practices used during the previous calendar year.

The deadline for submittal of the first annual reports for calendar years 1981 and 1982 was March 1, 1983. The appendix contains an alphabetical listing of Kansas industries which submitted annual reports for these two years. The following is a summary of this information:

1. The following table summarizes the total number of Kansas generators and TSDF which reported that they managed regulated quantities of hazardous waste. In Kansas a regulated quantity is defined as the generation of more than 100kg (220 pounds) in a calendar month or accumulation of more than 1000kg (2,200 pounds) at any one time.

<u>Year</u>	<u>1981</u>	<u>1982</u>
Generators	130	147
TSDF	<u>47</u>	<u>50</u>
TOTAL	177	197

The total number of facilities handling regulated quantities of hazardous waste increased by 11 percent from 1981 to 1982.

2. The geographical distribution of these regulated facilities in Kansas is summarized below.

1981

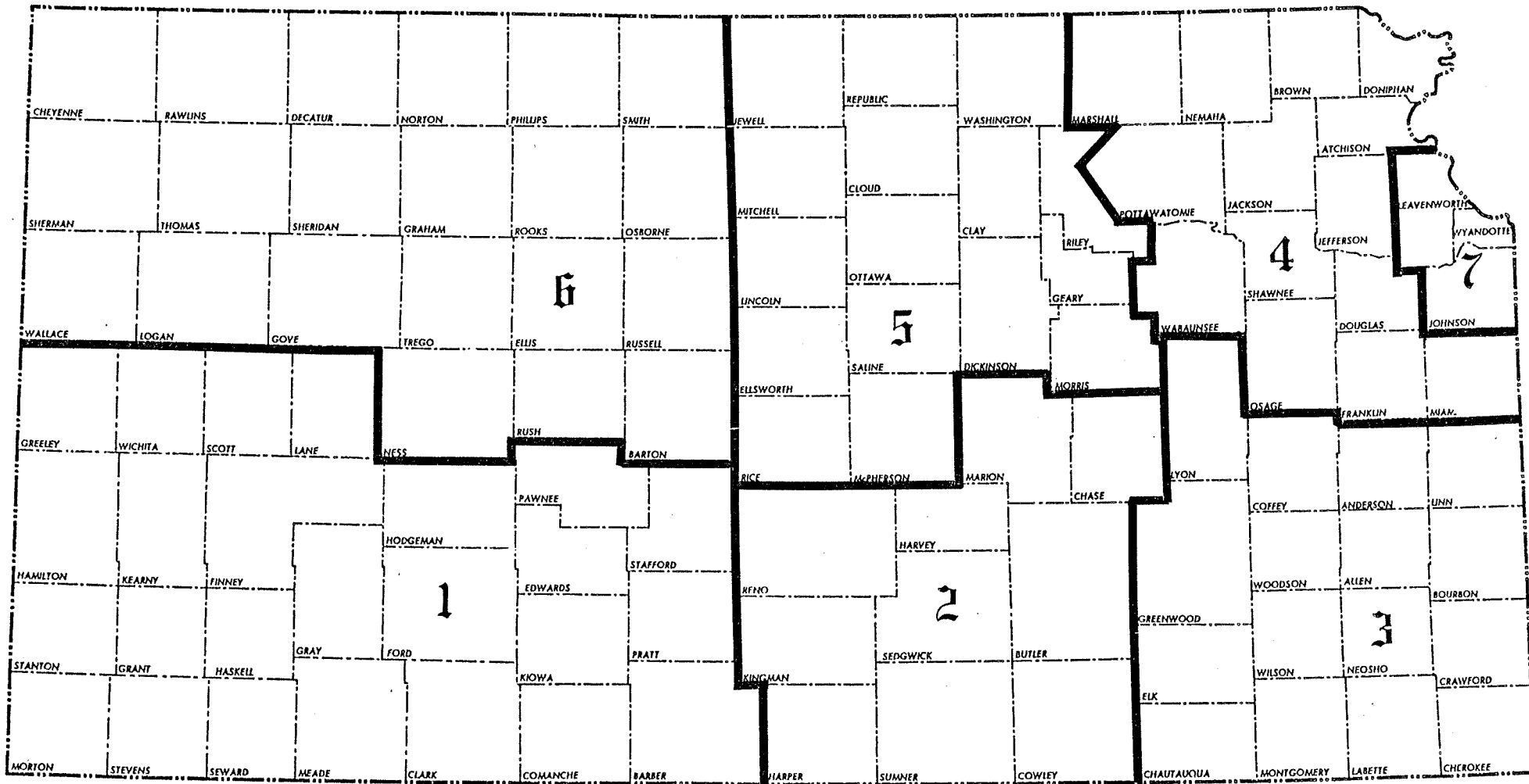
<u>Rank</u>	<u>District</u>	<u>Generators</u>	<u>TSDF</u>	<u>Total</u>	<u>Percent Total</u>
1.	Metropolitan Kansas City	45	16	61	34.5
2.	South Central	45	15	60	34.9
3.	South East	11	5	16	9.0
4.	North East	12	3	15	8.5
5.	North Central	10	4	14	7.9
6.	South West	5	2	7	4.0
7.	North West	<u>2</u>	<u>2</u>	<u>4</u>	2.2
	TOTAL	130	47	177	

1982

<u>Rank</u>	<u>District</u>	<u>Generators</u>	<u>TSDF</u>	<u>Total</u>	<u>Percent Total</u>
1.	South Central	59	15	74	37.6
2.	Metropolitan Kansas City	46	17	63	32.0
3.	South East	14	7	21	10.7
4.	North East	16	3	19	9.6
5.	North Central	6	4	10	5.1
6.	North West	4	2	6	3.0
7.	South West	<u>2</u>	<u>2</u>	<u>4</u>	2.0
	TOTAL	147	50	197	

The Metropolitan Kansas City and South Central Districts together contain approximately 70 percent of the total number of generators and TSDF in Kansas. A map of Kansas on the next page outlines these geographical districts.

KANSAS



GEOGRAPHICAL DISTRICTS

- | | | | |
|---|---------------|---|--------------------------|
| 1 | SOUTHWEST | 5 | NORTH CENTRAL |
| 2 | SOUTH CENTRAL | 6 | NORTHWEST |
| 3 | SOUTHEAST | 7 | METROPOLITAN KANSAS CITY |
| 4 | NORTHEAST | | |

3. A further breakdown of the distribution of regulated facilities by counties is as follows:

Southwest District

County	Generators		TSDF	
	1981	1982	1981	1982
Barber	-	-	-	-
Clark	-	-	-	-
Commanche	-	-	-	-
Edwards	-	-	-	-
Finney	2	1	1	1
Ford	-	-	1	1
Grant	1	-	-	-
Gray	-	-	-	-
Greeley	-	-	-	-
Hamilton	-	-	-	-
Hodgeman	-	-	-	-
Kearny	-	-	-	-
Kiowa	-	-	-	-
Lane	-	-	-	-
Meade	-	-	-	-
Morton	-	-	-	-
Pawnee	-	-	-	-
Pratt	1	-	-	-
Scott	-	-	-	-
Seward	1	1	-	-
Stafford	-	-	-	-
Stevens	-	-	-	-
Wichita	-	-	-	-
TOTAL	5	2	2	2

South Central District

County	Generators		TSDF	
	1981	1982	1981	1982
Butler	1	1	3	3
Chase	-	-	-	-
Cowley	5	5	3	3
Harper	-	-	-	-
Harvey	2	2	-	-
Kingman	-	-	-	-
Marion	1	2	-	-
Reno	4	6	-	-
Sedgwick	32	42	9	9
Sumner	-	1	-	-
TOTAL	45	59	15	15

South East District

<u>County</u>	Generators		TSDF	
	<u>1981</u>	<u>1982</u>	<u>1981</u>	<u>1982</u>
Allen	2	2	-	-
Anderson	-	-	-	-
Bourbon	1	1	-	-
Chautauqua	-	-	-	-
Cherokee	2	2	1	1
Coffey	-	-	1	1
Crawford	-	-	-	-
Elk	-	-	-	-
Greenwood	-	-	-	-
Labette	-	1	2	2
Linn	-	-	-	-
Lyon	1	2	-	-
Montgomery	3	2	1	2
Neosho	2	2	-	-
Wilson	-	2	-	1
Woodson	-	-	-	-
TOTAL	11	14	5	7

North East District

<u>County</u>	Generators		TSDF	
	<u>1981</u>	<u>1982</u>	<u>1981</u>	<u>1982</u>
Atchison			-	-
Brown			-	-
Doniphan	1	1	-	-
Douglas	5	6	1	1
Franklin	-	1	-	-
Jackson	-	1	-	-
Jefferson	-	-	-	-
Marshall	-	-	-	-
Miami	-	1	-	-
Nemaha	1	1	-	-
Osage	1	1	-	-
Pottawatomie	-	-	-	-
Shawnee	4	4	2	2
Wabaunsee	-	-	-	-
TOTAL	12	16	3	3

North Central District

County	Generators		TSDF	
	1981	1982	1981	1982
Clay	2	1	-	-
Cloud	1	1	-	-
Dickinson	-	-	-	-
Ellsworth	-	-	-	-
Geary	-	1	-	-
Jewell	-	-	-	-
Lincoln	-	-	-	-
McPherson	2	-	-	-
Mitchell	-	-	-	-
Morris	-	-	1	1
Ottawa	-	-	-	-
Republic	-	-	-	-
Rice	-	-	-	-
Riley	-	-	2	2
Saline	5	3	1	1
Washington	-	-	-	-
TOTAL	10	6	4	4

North West District

County	Generators		TSDF	
	1981	1982	1981	1982
Barton	1	2	-	-
Cheyenne	-	-	-	-
Decatur	-	-	-	-
Ellis	1	2	2	2
Gove	-	-	-	-
Graham	-	-	-	-
Logan	-	-	-	-
Ness	-	-	-	-
Norton	-	-	-	-
Osborne	-	-	-	-
Phillips	-	-	-	-
Rawlins	-	-	-	-
Rooks	-	-	-	-
Rush	-	-	-	-
Russell	-	-	-	-
Sheridan	-	-	-	-
Sherman	-	-	-	-
Smith	-	-	-	-
Thomas	-	-	-	-
Trego	-	-	-	-
Wallace	-	-	-	-
TOTAL	2	4	2	2

Metropolitan Kansas City District

<u>County</u>	<u>Generators</u>		<u>TSDF</u>	
	<u>1981</u>	<u>1982</u>	<u>1981</u>	<u>1982</u>
Johnson	23	21	5	5
Leavenworth	3	4	2	2
Wyandotte	<u>19</u>	<u>21</u>	<u>9</u>	<u>10</u>
TOTAL	45	46	16	17

During 1982, Kansas counties would rank as follows by total number of generators and TSDF:

<u>Rank</u>	<u>County</u>	<u>Total Generators and TSDF</u>	<u>Percent Kansas Total</u>
1.	Sedgwick	51	25.8
2.	Wyandotte	31	15.7
3.	Johnson	26	13.2

This indicates that over 50 percent of generators and TSDF are concentrated in just three of the 105 Kansas counties.

4. Kansas regulated industries managed the following quantities of hazardous waste during 1981 and 1982.

<u>Year</u>	<u>Total Quantity (Short Tons)</u>
1981	3,172,101.4
1982	3,041,968.8

The quantity of hazardous waste managed in Kansas decreased by approximately four percent from 1981 to 1982. This decrease is due to the following factors:

- a. the suspension of operations at National Industrial Environmental Services, Inc., the only commercial hazardous waste disposal facility in Kansas;

- b. the slow national economy which reduced industrial production and thus, quantities of hazardous waste;
 - c. increased knowledge of waste products by industry which resulted in some waste previously thought hazardous being reclassified as non-hazardous;
 - d. increased use of recycling to eliminate generation of hazardous waste; and
 - e. change in raw materials or processes which decreased or eliminated generation of hazardous waste.
5. The types of Kansas industries which manage the majority of hazardous waste are ranked as follows by standard industrial classification (SIC) code:

<u>Rank</u>	<u>Standard Industrial Classification</u>
1.	28 - Chemicals and Allied Products
2.	30 - Rubber and Miscellaneous Plastics Products
3.	29 - Petroleum Refining and Related Industries
4.	37 - Transportation Equipment

6. The geographical distribution of the quantities of hazardous waste managed in Kansas parallels quite closely the distribution of total number of facilities previously discussed. The districts and counties would rank as follows for total quantity of hazardous waste managed in 1982:

<u>1982 Rank</u>	<u>District</u>
1	South Central
2	North East
3	Metropolitan Kansas City
4	South East
5	North Central
6	South West
7	North West

<u>1982 Rank</u>	<u>County</u>
1	Sedgwick
2	Shawnee
3	Wyandotte
4	Douglas
5	Johnson
6	Butler
7	Cowley

7. The following table presents a comparison of the methods used in Kansas during 1981 and 1982 to manage these quantities of hazardous wastes:

EPA Handling Code	Management Method	1981		1982	
		Rank	Total Quantity (Short Tons)	Rank	Total Quantity (Short Tons)
D80	Underground Injection	1	2,666,200	1	2,607,800
T31	Neutralization	2	228,588	2	227,553
T02	Surface Impoundment Treatment	3	177,131	3	154,110
D81	Landfill	4	51,403	13	571
-	Ship Off-Site	5	26,001	4	26,173
D84	Disposal Surface Impoundment	6	6,758	17	190
S04	Storage Surface Impoundment	7	5,425	6	6,059
S01	Storage Container	8	3,335	7	4,118
S02	Storage Tank	9	1,575	9	1,251
T77	Other Biological Treatment	10	1,170	5	8,622
D82	Land Treatment	11	1,073	8	1,519
T06	Liquid Injection Incinerator	12	1,014	12	609
D85	Other Disposal Methods	13	445	15	337
T57	Evaporation	14	406	18	179
T63	Solvent Recovery	15	361	20	78
T24	Chemical Reduction	16	322	11	703
S05	Other Storage Methods	17	316	-	-
S03	Storage Waste Pile	18	237	19	133
T66	Other Treatment Specific Components	19	203	16	199
T68	Aerobic Lagoon	20	80	21	60
T18	Other Thermal Treatment	21	50	22	30
T12	Pyrolysis	22	8	23	17
T07	Rotary Kiln Incinerator	-	-	10	1,235
T16	Cement Kiln	-	-	14	420

A review of this data reveals some very important facts about hazardous waste management in Kansas:

- a. During 1981 and 1982, 99 percent of the hazardous waste generated in Kansas was managed on-site. Thus, only one percent of Kansas hazardous waste is shipped off-site for treatment, storage, or disposal.
- b. During both 1981 and 1982, the three primary management methods ranked as follows.

<u>Rank</u>	<u>Management Method</u>	<u>Percent of Total Hazardous Waste</u>	
		<u>1981</u>	<u>1982</u>
1	On-site underground injection	84.1	85.7
2	On-Site neutralization	7.2	7.5
3	On-site surface impoundment treatment	<u>5.6</u>	<u>5.1</u>
	TOTAL	96.9	98.3

These three methods are used to manage no less than 96 percent of the hazardous waste generated in Kansas. Even though underground injection is the predominant method of waste management, this fact must be used in the context that all of this hazardous waste is generated by one facility Vulcan Materials Company, Wichita, Kansas.

- c. The management of hazardous waste remained relatively unchanged during 1981 and 1982, except for the following:
 - i) The landfilling of hazardous waste in Kansas decreased significantly from 1981 to 1982. This was due to the suspension of operations at the only commercial hazardous waste disposal facility in Kansas.

ii) The disposal of hazardous waste in surface impoundments decreased significantly due to the closure of the majority of these facilities. The long-term monitoring and liability for operation of these facilities appears to be the primary factor for these closures.

8. The generation and management of hazardous waste in Kansas is concentrated in three Kansas industries. These industries rank as follows.

Rank	Industry/Location	Percent of Total Hazardous Waste	
		1981	1982
1	Vulcan Materials Company, Wichita	84.1	85.7
2	EI Dupont DeNemours and Company, Tecumseh	6.7	7.0
3	Cooperative Farm Chemical, Lawrence	<u>3.9</u>	<u>4.0</u>
	TOTAL	94.7	96.7

9. The types of hazardous waste managed in Kansas rank as follows:

Rank	EPA Waste Code	Contaminant Description	1981		1982	
			Quantity Short Tons	Percent	Quantity Short Tons	Percent
1	D007	Chromium	791,870	24.9	776,306	25.5
2	D001	Ignitable	686,138	21.6	665,242	21.8
3	U080	Dichloromethane	666,550	21.0	651,950	21.4
4	U044	Chloroform	666,550	21.0	651,950	21.4
5	D002	Corrosive	251,626	<u>7.9</u>	239,501	<u>7.8</u>
		TOTAL		96.4		97.9

These five waste types account for 96 plus percent of all hazardous waste generated in Kansas. The breakdown of waste types remained essentially the same between 1981 and 1982.

10. During 1982, 61 percent of the hazardous waste shipped off-site by Kansas industry was to Missouri TSDF; 17 percent to Oklahoma TSDF; four percent to Kansas TSDF; and the remaining 18 percent to TSDF located in Alabama, Arkansas, California, Colorado, Illinois, Indiana, Kentucky, Nebraska, Ohio, Pennsylvania, Tennessee, Texas, and Wisconsin. This distribution parallels that of 1981 with one exception. During 1981, Kansas TSDF received 21 percent of the hazardous waste shipped off-site by Kansas industry while in 1982 this percentage had decreased to four percent. This dramatic decrease was due to suspension of operations at the only commercial hazardous waste disposal facility in Kansas.

11. During 1981 Kansas was a net importer of approximately 37,000 tons of hazardous waste for disposal. In 1982 operation of the one commercial hazardous waste disposal facility was suspended. This resulted in Kansas becoming a net exporter of approximately 25,000 tons of hazardous waste. It is anticipated that Kansas will continue to be an exporter of hazardous waste as long as commercial hazardous waste disposal facilities are not available for use by Kansas industry.

This is the first time KDHE has had an accurate accounting of hazardous waste generation and management practices in Kansas. The collection and evaluation of this data is essential for long-term planning and operation of the Hazardous Waste Management Program. KDHE, therefore, will continue to require the submittal of annual reports from all generators and TSDF.

In conclusion, Kansas generates a much larger quantity of hazardous waste than previously estimated by the U.S. Environmental Protection Agency (EPA). The generation of hazardous waste is concentrated in three Kansas industries. Over 99 percent of all hazardous waste is managed on-site and deep well injection is the primary hazardous waste management method.

This information follows quite closely recent information released by EPA which indicates that nationally the quantity of hazardous waste is much larger than previously calculated. Also, nationally on-site management and deep well injection rank as the major management methods.

This summary in no way presents all of the data in the detail which is available. Anyone wishing to examine any or all of the annual report information should contact the Bureau of Waste Management, in the Topeka Office.

djl/4b

APPENDIX I

The following computer printout lists by name, location, waste type, quantity, and management method the 1981 and 1982 Annual Report information. This information is arranged alphabetically by name of facility.

For each different facility the following information is provided.

1. Facility Name
2. EPA Identification Number
3. Facility City
4. DS identifies the geographical district where the facility is located.

SW - South West	NC - North Central
SC - South Central	NW - North West
SE - South East	MT - Metropolitan Kansas City
NE - North East	
5. HW No. identifies the EPA Waste Code for each specific waste which a facility managed. For further information 40 CFR Part 261 should be consulted.
6. 1981 TSD and 1982 TSD identifies for each specific waste listed the method used to manage the waste. The following is a summary of these codes.

Gen - Waste shipped off-site for treatment, storage, or disposal
S01 - On-site storage in containers
S02 - On-site storage in tanks

A-1

S03 - On-site storage in waste pile
S04 - On-site storage in surface impoundment
S05 - Other on-site storage methods
T02 - On-site treatment in surface impoundment
T06 - On-site liquid injection incinerator
T07 - On-site rotary kiln incinerator
T12 - On-site pyrolysis
T16 - Cement kiln
T18 - Other on-site thermal treatment
T24 - On-site chemical reduction
T31 - Neutralization
T57 - On-site evaporation
T63 - On-site solvent recovery
T66 - Other on-site treatment of specific components
T68 - On-site aerobic lagoon
T77 - Other on-site biological treatment
D80 - On-site underground injection
D81 - landfill
D82 - On-site land treatment
D84 - Disposal in surface impoundment
D85 - Other disposal methods

7. Amount identifies for each specific waste listed the total quantity in short tons (1 short ton = 2,000 pounds). If only a period appears in this column no waste was managed during that year.

STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY

TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
ABBOTT LABORATORIES#	KSD007237746	WICHITA	SC	D001	GEN	.	GEN	17.000
ABBOTT LABORATORIES#	KSD007237746	WICHITA	SC	D001	S01	40.000	S01	101.500
ABBOTT LABORATORIES#	KSD007237746	WICHITA	SC	D001	T02	18177.000	T02	10503.328
ABBOTT LABORATORIES#	KSD007237746	WICHITA	SC	D002	S01	216.000	S01	455.500
ABBOTT LABORATORIES#	KSD007237746	WICHITA	SC	D002	T02	18177.000	T02	10503.328
ABBOTT LABORATORIES#	KSD007237746	WICHITA	SC	F002	S01	.	S01	4.000
ABBOTT LABORATORIES#	KSD007237746	WICHITA	SC	F003	S01	17.000	S01	22.000
ABBOTT LABORATORIES#	KSD007237746	WICHITA	SC	F003	T02	18177.000	T02	10503.328
ACME PRINTING INK CO	KSD045087566	KANSAS CITY	MT	D001	GEN	98.367	GEN	81.942
AEROQUIP, GUSTIN-BACON, LAWRENCE, KS	KSD065748766	LAWRENCE	NE	D002	GEN	10.000	GEN	10.500
AEROQUIP, GUSTIN-BACON, LAWRENCE, KS	KSD065748766	LAWRENCE	NE	D006	GEN	14.500	GEN	12.000
AEROQUIP, GUSTIN-BACON, LAWRENCE, KS	KSD065748766	LAWRENCE	NE	D008	GEN	4.500	GEN	1.500
AEROQUIP, GUSTIN-BACON, LAWRENCE, KS	KSD065748766	LAWRENCE	NE	F001	GEN	.	GEN	2.600
AIRCRAFT INSTRUMENT AND DEVELOPMENT INC.	KSD007246234	WICHITA	SC	D001	GEN	0.626	GEN	3.674
AIRCRAFT INSTRUMENT AND DEVELOPMENT INC.	KSD007246234	WICHITA	SC	F001	GEN	.	GEN	0.900
AIRCRAFT INSTRUMENT AND DEVELOPMENT INC.	KSD007246234	WICHITA	SC	F003	GEN	.	GEN	1.000
ALLIS-CHALMERS INDUSTRIAL	KSD045089554	TOPEKA	NE	D007	GEN	35.000	GEN	5.000
ANDEVCO PACKAGING FILMS INC.	KSD052891967	EDWARDSVILLE	MT	D001	GEN	71.777	GEN	37.498
AMERICAN YEARBOOK COMPANY	KSD007147416	TOPEKA	NE	D001	GEN	.	GEN	7.000
AMERICAN YEARBOOK COMPANY	KSD007147416	TOPEKA	NE	D006	GEN	30.441	GEN	9.165
AMERICAN YEARBOOK COMPANY	KSD007147416	TOPEKA	NE	D011	GEN	30.441	GEN	9.165
ARCHITECTURAL METAL PRODU	KSD007250111	WICHITA	SC	P041	GEN	1.485	GEN	.
ARTEX MANUFACTURING COMPANY INC	KSD084888213	OVERLAND PARK	MT	D001	GEN	24.192	GEN	5.870
ASHLAND CHEMICAL COMPANY	KSD057889313	KANSAS CITY	MT	D001	S01	0.553	S01	6.790
ASHLAND CHEMICAL COMPANY	KSD057889313	KANSAS CITY	MT	F001	S01	1.485	S01	.
ASHLAND CHEMICAL COMPANY	KSD057889313	KANSAS CITY	MT	F002	S01	.	S01	2.052
ASHLAND CHEMICAL COMPANY	KSD057889313	KANSAS CITY	MT	F005	S01	.	S01	3.575
ASHLAND CHEMICAL COMPANY	KSD057889313	KANSAS CITY	MT	K086	S01	0.894	S01	.
AUTOMOTIVE CONTROLS CORP	KSD000806182	INDEPENDENCE	SE	F001	GEN	56.495	GEN	29.449
B & S AIRCRAFT PARTS	KSD031428451	WICHITA	SC	D001	GEN	.	GEN	0.540
BATSON HEAT TREATING INC	KSD007242076	WICHITA	SC	D007	GEN	.	GEN	2.100
BAYVET CORPORATION	KSD007162407	SHAWNEE MSN	MT	F002	GEN	0.915	GEN	2.061
BEECH AIRCRAFT CORPORATION	KSD007482011	WICHITA	SC	D001	GEN	.	GEN	10.000
BEECH AIRCRAFT CORPORATION	KSD007482011	WICHITA	SC	D002	GEN	45.000	GEN	27.000
BEECH AIRCRAFT CORPORATION	KSD007482011	WICHITA	SC	D007	GEN	390.000	GEN	86.000
BEECH AIRCRAFT CORPORATION	KSD007482011	WICHITA	SC	F002	GEN	12.500	GEN	8.000
BEECH AIRCRAFT CORPORATION	KSD007482011	WICHITA	SC	F005	GEN	170.000	GEN	86.500
BEECH AIRCRAFT CORPORATION	KSD007482011	WICHITA	SC	F007	GEN	136.000	GEN	71.000
BEECH AIRCRAFT CORPORATION-LIBERAL	KSD007237225	LIBERAL	SW	D007	GEN	8.000	GEN	0.600
BEECH AIRCRAFT CORPORATION-LIBERAL	KSD007237225	LIBERAL	SW	F005	GEN	5.000	GEN	0.400
BEECH AIRCRAFT CORPORATION-SALINA	KSD049995426	SALINA	NC	D007	GEN	13.000	GEN	5.000
BEECH AIRCRAFT CORPORATION-SALINA	KSD049995426	SALINA	NC	F005	GEN	8.000	GEN	8.000
BEMIS COMPANY INC	KSD007237357	WICHITA	SC	F002	GEN	.	GEN	1.685
BERWIND RAILWAY SERVICE COMPANY	KSD054085600	NEODESHA	SE	F005	GEN	.	GEN	3.132
BHD COMPANY	KSP000000010	HOLTON	NE	D008	GEN	.	GEN	7.810
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	D001	GEN	.	GEN	513.999
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	D001	S01	.	S01	29.664
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	D001	S02	.	S02	474.000

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TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	F001	GEN	87.999	GEN	21.999
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	F001	S01	87.999	S01	51.663
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	F003	GEN	57.498	GEN	48.999
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	F003	S01	57.498	S01	.
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	F005	GEN	57.498	GEN	.
BOEING MILITARY AIRPLANE COMPANY	KSD007237241	WICHITA	SC	F005	S01	57.498	S01	29.664
BUNTING MAGNETICS CO	KSD005532528	NEWTON	SC	F003	GEN	1.540	GEN	0.440
C.E. KANSAS MANUFACTURING	KSD068444397	CONCORDIA	NC	U220	GEN	0.560	GEN	0.350
C.W. NOFSINGER COMPANY	KST210010328	LEANOOD	MT	U070	GEN	1.333	GEN	.
C.W. NOFSINGER COMPANY	KST210010328	LEANOOD	MT	U072	GEN	2.133	GEN	.
C.W. NOFSINGER COMPANY	KST210010328	LEANOOD	MT	U169	GEN	9.333	GEN	.
CERTAINTeed PLANT 5 COMPLEX	KST210010211	KANSAS CITY	MT	D001	D85	0.428	D85	.
CERTAINTeed PLANT 5 COMPLEX	KST210010211	KANSAS CITY	MT	D001	GEN	0.428	GEN	.
CERTAINTeed PLANT 5 COMPLEX	KST210010211	KANSAS CITY	MT	F001	D85	0.924	D85	.
CERTAINTeed PLANT 5 COMPLEX	KST210010211	KANSAS CITY	MT	F001	GEN	0.924	GEN	.
CERTAINTeed PLANT 5 COMPLEX	KST210010211	KANSAS CITY	MT	U031	D85	0.016	D85	.
CERTAINTeed PLANT 5 COMPLEX	KST210010211	KANSAS CITY	MT	U031	GEN	0.016	GEN	.
CERTAINTeed PLANT 5 COMPLEX	KST210010211	KANSAS CITY	MT	U208	D85	0.256	D85	.
CERTAINTeed PLANT 5 COMPLEX	KST210010211	KANSAS CITY	MT	U208	GEN	0.256	GEN	.
CERTAINTeed PLANT 7	KSD000651307	KANSAS CITY	MT	D007	D85	443.000	D85	337.000
CERTAINTeed PLANT 7	KSD000651307	KANSAS CITY	MT	F001	S01	0.038	S01	0.609
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D001	GEN	32.554	GEN	16.850
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D001	S01	6.300	S01	2.000
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D002	GEN	31.500	GEN	51.137
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D002	S01	0.532	S01	6.692
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D005	GEN	77.720	GEN	19.968
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D005	S01	20.300	S01	22.402
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D006	GEN	77.720	GEN	38.721
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D006	S01	20.832	S01	22.526
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D007	GEN	77.720	GEN	82.153
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D007	S01	20.732	S01	25.358
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D008	GEN	.	GEN	6.355
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	D008	S01	14.000	S01	.
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	F001	GEN	6.860	GEN	14.150
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	F002	GEN	6.860	GEN	14.150
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	F005	GEN	32.554	GEN	16.450
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	F005	S01	6.300	S01	0.300
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	F006	S01	.	S01	0.266
CESSNA AIRCRAFT CO WALLACE DIV	KSD000809673	WICHITA	SC	F008	S01	.	S01	0.124
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D001	GEN	16.725	GEN	57.050
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D001	S01	32.274	S01	14.424
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D002	GEN	21.150	GEN	6.800
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D002	S02	21.575	S02	8.425
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D006	GEN	21.416	GEN	13.466
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D006	S01	0.266	S01	0.166
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D006	S02	21.575	S02	8.425
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D007	GEN	22.316	GEN	13.466
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D007	S01	0.866	S01	4.416

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| TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER |

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D007	S02	21.575	S02	8.425
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D007	T18	.	T18	9.000
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D008	GEN	21.416	GEN	13.466
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D008	S01	0.266	S01	0.166
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	D008	S02	21.575	S02	8.425
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F001	GEN	26.300	GEN	39.300
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F001	S01	25.600	S01	15.200
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F002	GEN	55.425	GEN	39.850
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F002	S01	37.875	S01	16.375
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F003	GEN	16.125	GEN	57.050
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F003	S01	31.674	S01	12.774
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F005	GEN	16.125	GEN	57.050
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F005	S01	31.674	S01	12.774
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F007	S01	0.100	S01	0.100
CESSNA AIRCRAFT COMPANY	KSD007233596	WICHITA	SC	F019	S01	4.700	S01	5.700
CESSNA AIRCRAFT COMPANY THE#	KSD030619639	WINFIELD	SC	D001	GEN	20.966	GEN	6.083
CESSNA AIRCRAFT COMPANY THE#	KSD030619639	WINFIELD	SC	D007	GEN	0.600	GEN	1.650
CESSNA AIRCRAFT COMPANY THE#	KSD030619639	WINFIELD	SC	D007	T24	319.500	T24	699.500
CESSNA AIRCRAFT COMPANY THE#	KSD030619639	WINFIELD	SC	F003	GEN	20.366	GEN	4.433
CESSNA AIRCRAFT COMPANY THE#	KSD030619639	WINFIELD	SC	F005	GEN	20.366	GEN	4.433
CESSNA AIRCRAFT COMPANY THE#	KSD030619639	WINFIELD	SC	F019	GEN	4.700	GEN	5.700
CESSNA AIRCRAFT COMPANY-PAWNEE DIV-PT2	KST210010658	WICHITA	SC	D001	GEN	3.433	GEN	1.866
CESSNA AIRCRAFT COMPANY-PAWNEE DIV-PT2	KST210010658	WICHITA	SC	D007	GEN	.	GEN	0.700
CESSNA AIRCRAFT COMPANY-PAWNEE DIV-PT2	KST210010658	WICHITA	SC	F002	GEN	29.700	GEN	9.900
CESSNA AIRCRAFT COMPANY-PAWNEE DIV-PT2	KST210010658	WICHITA	SC	F003	GEN	3.433	GEN	1.866
CESSNA AIRCRAFT COMPANY-PAWNEE DIV-PT2	KST210010658	WICHITA	SC	F005	GEN	3.433	GEN	1.866
CESSNA FLUID POWER DIVISION	KSD007233638	HUTCHINSON	SC	D007	GEN	12.909	GEN	11.514
CESSNA FLUID POWER DIVISION	KSD007233638	HUTCHINSON	SC	D008	GEN	11.946	GEN	9.228
CESSNA FLUID POWER DIVISION	KSD007233638	HUTCHINSON	SC	F006	GEN	3.966	GEN	5.823
CESSNA FLUID POWER DIVISION	KSD007233638	HUTCHINSON	SC	F008	GEN	0.963	GEN	2.286
CESSNA FLUID POWER DIVISION	KSD007233638	HUTCHINSON	SC	F011	GEN	71.706	GEN	30.405
CHANCE MANUFACTURING CO INC	KSD007238744	WICHITA	SC	D001	GEN	.	GEN	0.614
CHANCE MANUFACTURING CO INC	KSD007238744	WICHITA	SC	F003	GEN	6.840	GEN	6.644
CHANCE MANUFACTURING CO INC	KSD007238744	WICHITA	SC	F005	GEN	1.644	GEN	2.000
CHEMICAL COMMODITIES, INC	KSD980632962	SHAWNEE	MT	U131	GEN	0.650	GEN	.
COFFEYVILLE RE-CON INC	KSD091353193	COFFEYVILLE	SE	D002	GEN	127.000	GEN	134.000
COLEMAN CO., INC.-DOWNTOWN	KSD007233224	WICHITA	SC	D007	GEN	49.937	GEN	51.469
COLEMAN CO., INC.-DOWNTOWN	KSD007233224	WICHITA	SC	F002	GEN	4.750	GEN	.
COLEMAN CO., INC.-DOWNTOWN	KSD007233224	WICHITA	SC	F005	GEN	21.450	GEN	22.550
COLEMAN CO., INC.-DOWNTOWN	KSD007233224	WICHITA	SC	F009	GEN	254.153	GEN	72.344
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	D001	GEN	6.928	GEN	5.512
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	D002	GEN	3.440	GEN	2.648
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	D007	GEN	26.116	GEN	42.124
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	D008	GEN	26.116	GEN	2.260
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	F001	GEN	3.036	GEN	2.260
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	F002	GEN	3.036	GEN	2.260
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	F003	GEN	6.928	GEN	4.304
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	F005	GEN	.	GEN	0.724

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
COLEMAN CO., INC.-NORTH	KSD007233216	WICHITA	SC	F017	GEN	.	GEN	39.864
COLEMAN CO., INC.-NORTHEAST	KSD000610485	WICHITA	SC	D007	GEN	322.412	GEN	150.828
COLGATE-PALMOLIVE COMPANY#	KSD007157696	KANSAS CITY	MT	D002	GEN	13.274	GEN	12.264
COLGATE-PALMOLIVE COMPANY#	KSD007157696	KANSAS CITY	MT	D002	S02	26.548	S02	24.528
COLGATE-PALMOLIVE COMPANY#	KSD007157696	KANSAS CITY	MT	U108	GEN	13.274	GEN	12.264
COLGATE-PALMOLIVE COMPANY#	KSD007157696	KANSAS CITY	MT	U108	S02	26.548	S02	24.528
COLLINS INDUSTRIES INC	KSD058933946	HUTCHINSON	SC	F003	GEN	.	GEN	2.250
COOPERATIVE FARM CHEMICAL	KSD007128507	LAWRENCE	NE	D007	T02	122600	T02	122600
COPELAND CORPORATION	KSD000687616	WICHITA	SC	D001	GEN	.	GEN	0.800
CR INDUSTRIES OF SENECA INC	KSD084891696	SENECA	NE	D001	GEN	1.121	GEN	.
CR INDUSTRIES OF SENECA INC	KSD084891696	SENECA	NE	D010	GEN	137.886	GEN	146.568
CR INDUSTRIES OF SENECA INC	KSD084891696	SENECA	NE	U154	GEN	4.104	GEN	2.912
CR INDUSTRIES OF SENECA INC	KSD084891696	SENECA	NE	U159	GEN	4.099	GEN	6.331
CRA INC	KSD007138605	COFFEYVILLE	SE	D002	GEN	90.000	GEN	.
CRA INC	KSD007138605	COFFEYVILLE	SE	K051	D84	66.000	D84	66.000
CRAMER PRODUCTS INC	KSD007138183	GARDNER	MT	D001	GEN	3.816	GEN	.
CRAMER PRODUCTS INC	KSD007138183	GARDNER	MT	U226	GEN	0.308	GEN	.
CROSS HOSE & FITTINGS-DIV R&R INDUST INC	KSD031373830	PRATT	SW	F006	GEN	3.302	GEN	.
CROSS MANUFACTURING INC	KSD050865237	HAYS	NN	D007	GEN	.	GEN	14.000
CROSS MANUFACTURING INC	KSD050865237	HAYS	NW	D007	S01	28.000	S01	28.000
DARLING ENVELOPE CORP.	KSD007124860	MERRIAM	MT	F002	GEN	.	GEN	0.200
DANSON BROTHERS INC	KSD007232515	WICHITA	SC	F001	GEN	.	GEN	0.900
DAZEY PRODUCTS CO	KSD007171135	INDUSTRIAL AIRPORT	MT	F001	GEN	2.310	GEN	.
DAZEY PRODUCTS CO	KSD007171135	INDUSTRIAL AIRPORT	MT	F003	GEN	2.310	GEN	.
DELUXE CHECK PRINTERS, INC	KSD980632939	LENEXA	MT	F001	GEN	2.184	GEN	2.184
DELUXE CHECK PRINTERS, INC	KSD980632939	LENEXA	MT	F003	GEN	2.184	GEN	2.184
DELUXE CHECK PRINTERS, INC	KSD030615694	WICHITA	SC	F005	GEN	.	GEN	0.400
DELUXE SPECIALTIES MFG CO	KSD007233661	HUTCHINSON	SC	D007	GEN	.	GEN	5.000
DEPT. OF HEALTH AND ENVIRONMENT	KSD095816922	TOPEKA	NE	D001	GEN	0.700	GEN	0.200
DEPT. OF HEALTH AND ENVIRONMENT	KSD095816922	TOPEKA	NE	D001	S01	1.400	S01	0.400
DEPT. OF HEALTH AND ENVIRONMENT	KSD095816922	TOPEKA	NE	D002	GEN	0.700	GEN	0.200
DEPT. OF HEALTH AND ENVIRONMENT	KSD095816922	TOPEKA	NE	D002	S01	1.400	S01	0.400
DERBY REFINING CO	KSD000610543	WICHITA	SC	K052	GEN	.	GEN	13.000
DERBY REFINING CO	KSD000610543	WICHITA	SC	K052	S01	7.000	S01	7.000
DOSKOCIL SAUSAGE COMPANY	KST210010526	SOUTH HUTCHINSON	SC	F002	GEN	1.398	GEN	1.398
DOT MANUFACTURING CO	KSD007452287	GARDNER	MT	D001	GEN	10.780	GEN	13.860
DOT MANUFACTURING CO	KSD007452287	GARDNER	MT	F002	GEN	.	GEN	1.430
DOT MANUFACTURING CO	KSD007452287	GARDNER	MT	U210	GEN	4.080	GEN	2.895
DOYMON INC	KSD067952994	KANSAS CITY	MT	D001	GEN	.	GEN	4.708
ECHLIN MANUFACTURING COMPANY#	KSD055402721	IOLA	SE	F019	GEN	.	GEN	2.340
EDO-AIRE	KSD046703039	WICHITA	SC	D001	GEN	1.600	GEN	.
EI DUPONT DE NEMOURS AND COMPANY	KSD052296274	TECUMSEH	NE	D001	S03	236.754	S03	133.409
EI DUPONT DE NEMOURS AND COMPANY	KSD052296274	TECUMSEH	NE	D001	T57	236.754	T57	133.409
EI DUPONT DE NEMOURS AND COMPANY	KSD052296274	TECUMSEH	NE	D001	T66	20.531	T66	16.698
EI DUPONT DE NEMOURS AND COMPANY	KSD052296274	TECUMSEH	NE	D002	S01	66.162	S01	75.600
EI DUPONT DE NEMOURS AND COMPANY	KSD052296274	TECUMSEH	NE	D002	T31	212445	T31	212445
EI DUPONT DE NEMOURS AND COMPANY	KSD052296274	TECUMSEH	NE	D002	T66	181.962	T66	182.450
EI DUPONT DE NEMOURS AND COMPANY	KSD052296274	TECUMSEH	NE	F005	S01	0.261	S01	0.436

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
ESSEX GROUP TELECOMMUNICATIONS PROD	KSD068433317	HOISINGTON	NH	F002	GEN	.	GEN	19.800
EVANS TRANSPORTATION COMPANY	KSD010643666	JUNCTION CITY	NC	D007	GEN	.	GEN	2.750
EXCEL INDUSTRIES	KSD007237290	HESSTON	SC	D001	GEN	3.600	GEN	.
EXCEL INDUSTRIES	KSD007237290	HESSTON	SC	F003	GEN	12.000	GEN	6.000
EXLINE INC	KSD007127327	SALINA	NC	F007	GEN	11.259	GEN	.
EXLINE INC	KSD007127327	SALINA	NC	F007	S04	24.999	S04	24.999
FARMLAND INDUSTRIES INC	KSD044625010	DODGE CITY	SH	D007	T24	2.000	T24	2.000
FIBERGLASS ENGINEERING, INC	KSD046744629	NEODESHA	SE	F003	GEN	.	GEN	40.628
FMC CORP	KSD007124506	LAHRENCE	NE	D001	GEN	35.000	GEN	82.000
FMC CORP	KSD007124506	LAHRENCE	NE	D002	GEN	1660.000	GEN	1298.000
FMC CORP	KSD007124506	LAHRENCE	NE	D004	GEN	544.000	GEN	419.000
FOOD SERVICE REFRIGERATOR DIVISION	KSD067964700	KANSAS CITY	MT	D001	GEN	11.129	GEN	3.203
FOOD SERVICE REFRIGERATOR DIVISION	KSD067964700	KANSAS CITY	MT	D005	GEN	1.470	GEN	.
FOOD SERVICE REFRIGERATOR DIVISION	KSD067964700	KANSAS CITY	MT	D006	GEN	1.470	GEN	.
FOOD SERVICE REFRIGERATOR DIVISION	KSD067964700	KANSAS CITY	MT	D007	GEN	1.470	GEN	.
FOOD SERVICE REFRIGERATOR DIVISION	KSD067964700	KANSAS CITY	MT	D008	GEN	1.470	GEN	.
FOOD SERVICE REFRIGERATOR DIVISION	KSD067964700	KANSAS CITY	MT	F002	GEN	4.800	GEN	.
FOOD SERVICE REFRIGERATOR DIVISION	KSD067964700	KANSAS CITY	MT	F005	GEN	2.165	GEN	2.706
FREDONIA CEMENT PLANT	KSD980633259	FREDONIA	SE	D001	T07	.	T07	1078.631
FREDONIA CEMENT PLANT	KSD980633259	FREDONIA	SE	F003	T07	.	T07	156.780
FT. LEAVENWORTH & COMBINED ARMS CENTER	KS4213720499	FORT LEAVENWORTH	MT	F001	S01	0.900	S01	0.900
FT. LEAVENWORTH & COMBINED ARMS CENTER	KS4213720499	FORT LEAVENWORTH	MT	F002	S01	1.200	S01	1.200
FT. LEAVENWORTH & COMBINED ARMS CENTER	KS4213720499	FORT LEAVENWORTH	MT	F003	S01	0.900	S01	0.900
FT. LEAVENWORTH & COMBINED ARMS CENTER	KS4213720499	FORT LEAVENWORTH	MT	F005	S01	0.900	S01	0.900
GATES LEARJET CORPORATION	KSD007234313	WICHITA	SC	D002	GEN	1.176	GEN	3.874
GATES LEARJET CORPORATION	KSD007234313	WICHITA	SC	D007	GEN	14.426	GEN	11.874
GATES LEARJET CORPORATION	KSD007234313	WICHITA	SC	F001	GEN	0.250	GEN	4.500
GATES LEARJET CORPORATION	KSD007234313	WICHITA	SC	F005	GEN	10.750	GEN	14.500
GATES LEARJET CORPORATION	KSD007234313	WICHITA	SC	F007	GEN	3.100	GEN	.
GATES RUBBER CO	KSD076280478	IOLA	SE	D001	GEN	18.176	GEN	5.985
GENERAL BATTERY CORPORATION	KSD073314593	SALINA	NC	D008	GEN	140.000	GEN	87.098
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	D001	GEN	4.500	GEN	42.500
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	D001	S01	9.000	S01	80.000
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	D002	GEN	.	GEN	420.000
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	D002	T68	80.000	T68	60.000
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	D007	GEN	.	GEN	1170.150
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	D007	S01	4.000	S01	4.000
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	F001	GEN	13.000	GEN	2.300
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	F001	S01	26.000	S01	4.600
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	F002	GEN	0.600	GEN	0.600
GENERAL ELECTRIC CO#	KSD041917501	ARKANSAS CITY	SC	F002	S01	1.200	S01	1.200
GETTY REFINING & MARKETING CO	KSD007233422	EL DORADO	SC	D008	T77	52.000	T77	104.000
GETTY REFINING & MARKETING CO	KSD007233422	EL DORADO	SC	K051	T77	1090.000	T77	8474.000
GETTY REFINING & MARKETING CO	KSD007233422	EL DORADO	SC	U188	T77	.	T77	16.000
GILMORE & TATGE MFG CO	KSD007143712	CLAY CENTER	NC	D008	GEN	9.483	GEN	9.483
GILMORE & TATGE MFG CO	KSD007143712	CLAY CENTER	NC	F003	GEN	9.483	GEN	9.483
GILMORE & TATGE MFG CO	KSD007143712	CLAY CENTER	NC	F005	GEN	9.483	GEN	9.483
GLOBE ENGINEERING COMPANY INC	KSD007235229	WICHITA	SC	F001	GEN	2.400	GEN	4.800

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TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
GMC DELCO-REMY OLATHE	KSD007145907	OLATHE	MT	D008	GEN	351.498	GEN	145.071
GMC DELCO-REMY OLATHE	KSD007145907	OLATHE	MT	D008	S01	351.498	S01	145.473
GMC DELCO-REMY OLATHE	KSD007145907	OLATHE	MT	F002	GEN	.	GEN	5.499
GMC DELCO-REMY OLATHE	KSD007145907	OLATHE	MT	F002	S01	3.750	S01	6.249
GMC DELCO-REMY OLATHE	KSD007145907	OLATHE	MT	K069	GEN	37.662	GEN	33.606
GMC DELCO-REMY OLATHE	KSD007145907	OLATHE	MT	K069	S01	35.040	S01	33.606
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	D001	GEN	67.000	GEN	64.500
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	D001	S01	143.332	S01	143.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	D002	GEN	173.000	GEN	61.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	D002	S01	347.000	S01	150.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	D003	S01	33.000	S01	.
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	D007	GEN	.	GEN	304.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	D007	S01	.	S01	612.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	F003	GEN	119.500	GEN	183.500
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	F003	S01	208.332	S01	422.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	F005	GEN	119.500	GEN	148.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	F005	S01	241.332	S01	337.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	F006	GEN	88.000	GEN	50.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	F006	S01	177.000	S01	100.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	F008	GEN	63.000	GEN	75.000
GMC GMAD FAIRFAX PLANT	KSD007145899	KANSAS CITY	MT	F008	S01	126.000	S01	150.000
GRAY TOOL AND ENGINEERING	KSD091350645	EMPORIA	SE	D002	GEN	.	GEN	0.112
GRAY TOOL AND ENGINEERING	KSD091350645	EMPORIA	SE	D007	GEN	.	GEN	1.370
GRAY TOOL AND ENGINEERING	KSD091350645	EMPORIA	SE	D008	GEN	.	GEN	1.258
GRAY TOOL AND ENGINEERING	KSD091350645	EMPORIA	SE	F006	GEN	.	GEN	0.683
GREAT BEND MANUFACTURING CO INC	KSD007239601	GREAT BEND	MT	D008	GEN	3.157	GEN	1.250
GREAT LAKES CONTAINER CORP	KSD065764995	KANSAS CITY	MT	D002	GEN	5.000	GEN	11.248
GREAT LAKES CONTAINER CORP	KSD065764995	KANSAS CITY	MT	D008	GEN	5.000	GEN	11.248
GREIF BROS CORPORATION	KSD043066737	WINFIELD	SC	D008	GEN	36.000	GEN	47.000
GREIF BROS CORPORATION	KSD043066737	WINFIELD	SC	F003	GEN	.	GEN	0.500
GREIF BROS CORPORATION	KSD043066737	WINFIELD	SC	F005	GEN	.	GEN	29.500
GRINDSTED PRODUCTS INC	KSD079874863	INDUSTRIAL AIRPORT	MT	D001	GEN	.	GEN	0.469
GRINDSTED PRODUCTS INC	KSD079874863	INDUSTRIAL AIRPORT	MT	D002	GEN	1.024	GEN	0.469
GRINDSTED PRODUCTS INC	KSD079874863	INDUSTRIAL AIRPORT	MT	F005	GEN	1.024	GEN	0.938
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	D001	GEN	2.420	GEN	51.780
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	D001	S01	110.096	S01	118.824
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	D002	GEN	15.748	GEN	35.736
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	D002	S01	52.192	S01	89.816
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	D003	GEN	.	GEN	2.276
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	F003	GEN	.	GEN	2.436
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	F003	S01	2.096	S01	7.040
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	F005	GEN	.	GEN	1.136
GULF OIL CORP. JAYHAWK PLANT	KSD007167869	PITTSBURG	SE	F005	S01	2.096	S01	2.096
HALLMARK CARDS INC	KSD086056637	LAURENCE	NE	D001	GEN	4.681	GEN	5.884
HALLMARK CARDS INC	KSD086056637	LAURENCE	NE	D011	GEN	4.681	GEN	5.884
HALLMARK CARDS INC	KSD086056637	LAURENCE	NE	F002	GEN	4.262	GEN	0.550
HALLMARK CARDS INC	KSD086056637	LAURENCE	NE	F003	GEN	4.262	GEN	0.550
HALLMARK CARDS INCORPORATED	KSD092856525	LEAVENWORTH	MT	D007	GEN	3.274	GEN	2.123

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
HALLMARK CARDS INCORPORATED	KSD092856525	LEAVENWORTH	MT	F001	GEN	2.718	GEN	3.926
HALLMARK CARDS INCORPORATED	KSD092856525	LEAVENWORTH	MT	F003	GEN	3.274	GEN	2.123
HALLMARK CARDS INCORPORATED	KSD092856525	LEAVENWORTH	MT	F005	GEN	3.274	GEN	2.123
HARMON INC	KSD007235567	WICHITA	SC	F003	GEN	1.212	GEN	.
HILLSBORO INDUSTRIES INC	KSD049563554	HILLSBORO	SC	F003	GEN	.	GEN	4.200
HILLSBORO INDUSTRIES INC	KSD049563554	HILLSBORO	SC	F005	GEN	.	GEN	4.200
HISONIC INC	KSD007137367	OLATHE	MT	F001	GEN	0.660	GEN	0.330
HUMBOLDT TANK FARM	KST210010179	HUMBOLDT	SE	D006	GEN	1.454	GEN	.
HUMBOLDT TANK FARM	KST210010179	HUMBOLDT	SE	D007	GEN	1.454	GEN	.
HUMBOLDT TANK FARM	KST210010179	HUMBOLDT	SE	D008	GEN	1.454	GEN	.
HUMBOLDT TANK FARM	KST210010179	HUMBOLDT	SE	U220	GEN	1.454	GEN	.
HUTCHINSON DIVISION-LEAR SIEGLER, INC.	KSD000610675	CLAY CENTER	NC	F017	GEN	6.076	GEN	.
IFR INC	KST210010419	WICHITA	SC	F001	GEN	3.300	GEN	4.950
INTERNATIONAL PAPER CO	KSD000639500	KANSAS CITY	MT	F003	GEN	11.900	GEN	8.200
JI CASE COMPANY-LIGHT EQUIPMENT DIV.	KSD073313918	WICHITA	SC	D002	GEN	1.527	GEN	.
JI CASE COMPANY-LIGHT EQUIPMENT DIV.	KSD073313918	WICHITA	SC	D007	GEN	1.527	GEN	.
JI CASE COMPANY-LIGHT EQUIPMENT DIV.	KSD073313918	WICHITA	SC	D008	GEN	13.902	GEN	7.825
JI CASE COMPANY-LIGHT EQUIPMENT DIV.	KSD073313918	WICHITA	SC	D011	GEN	1.527	GEN	.
K C COATINGS INC	KSD007127236	LENEXA	MT	K086	GEN	101.430	GEN	59.590
KANSAS ARMY AMMUNITION PLANT	KS0213820467	PARSONS	SE	D003	T07	.	T07	0.071
KANSAS ARMY AMMUNITION PLANT	KS0213820467	PARSONS	SE	D003	T18	14.423	T18	8.797
KANSAS ARMY AMMUNITION PLANT	KS0213820467	PARSONS	SE	F001	T18	0.122	T18	0.399
KANSAS ARMY AMMUNITION PLANT	KS0213820467	PARSONS	SE	K044	S01	.	S01	4.875
KANSAS ARMY AMMUNITION PLANT	KS0213820467	PARSONS	SE	K045	T18	0.420	T18	2.850
KANSAS ARMY AMMUNITION PLANT	KS0213820467	PARSONS	SE	K046	S01	.	S01	4.875
KANSAS COLOR PRESS INC	KSD007127566	LAWRENCE	NE	D007	GEN	3.750	GEN	7.750
KANSAS COLOR PRESS INC	KSD007127566	LAWRENCE	NE	D008	GEN	3.750	GEN	.
KANSAS PAINT & COLOR COMPANY	KSD007234859	WICHITA	SC	F005	GEN	61.296	GEN	50.022
KANSAS PLATING INC	KSD007233323	WICHITA	SC	F001	GEN	1.216	GEN	0.915
KANSAS PLATING INC	KSD007233323	WICHITA	SC	F005	GEN	1.834	GEN	1.835
KANSAS PLATING INC	KSD007233323	WICHITA	SC	F007	GEN	14.325	GEN	.
KANSAS PLATING INC	KSD007233323	WICHITA	SC	F008	GEN	2.537	GEN	.
KANSAS PLATING INC	KSD007233323	WICHITA	SC	F009	GEN	2.525	GEN	.
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	D000	S01	0.225	S01	0.300
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	F003	S01	0.200	S01	0.450
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	P021	S01	0.007	S01	0.007
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	P121	S01	.	S01	0.005
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	U019	T06	.	T06	0.052
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	U044	S01	.	S01	0.017
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	U080	S01	0.100	S01	0.175
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	U122	T06	.	T06	0.015
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	U151	S01	.	S01	0.005
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	U220	T06	.	T06	0.437
KANSAS STATE UNIVERSITY	KSD980632772	MANHATTEN	NC	U239	T06	.	T06	0.262
KING RADIO CORP.	KSD980740039	PAOLA	NE	F001	GEN	.	GEN	1.600
KING RADIO CORPORATION	KSD041142902	OLATHE	MT	D002	GEN	.	GEN	4.222
KING RADIO CORPORATION	KSD041142902	OLATHE	MT	D007	GEN	.	GEN	4.800
KING RADIO CORPORATION	KSD041142902	OLATHE	MT	F001	GEN	.	GEN	19.036

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
KING RADIO CORPORATION	KSD041142902	OLATHE	MT	F005	GEN	6.200	GEN	13.250
KING RADIO CORPORATION	KSD041142902	OLATHE	MT	F006	GEN	6.350	GEN	2.800
KING RADIO CORPORATION-LAWRENCE PLANT	KSD980632814	LAWRENCE	NE	D001	GEN	.	GEN	0.900
KING RADIO CORPORATION-LAWRENCE PLANT	KSD980632814	LAWRENCE	NE	F001	GEN	.	GEN	3.600
KOCH FIBERGLASS PRODUCTS CO	KSD094338084	WICHITA	SC	F003	GEN	.	GEN	22.400
KRAUSE PLOW CORPORATION INC	KSD007232333	HUTCHINSON	SC	D001	GEN	0.231	GEN	.
KRAUSE PLOW CORPORATION INC	KSD007232333	HUTCHINSON	SC	D004	GEN	72.799	GEN	25.998
KRAUSE PLOW CORPORATION INC	KSD007232333	HUTCHINSON	SC	D005	GEN	72.799	GEN	25.998
KRAUSE PLOW CORPORATION INC	KSD007232333	HUTCHINSON	SC	D006	GEN	72.799	GEN	25.998
KRAUSE PLOW CORPORATION INC	KSD007232333	HUTCHINSON	SC	D007	GEN	72.799	GEN	25.998
KRAUSE PLOW CORPORATION INC	KSD007232333	HUTCHINSON	SC	D008	GEN	73.030	GEN	25.998
KRAUSE PLOW CORPORATION INC	KSD007232333	HUTCHINSON	SC	F003	GEN	0.231	GEN	.
KRAUSE PLOW CORPORATION INC	KSD007232333	HUTCHINSON	SC	F005	GEN	0.231	GEN	.
KREONITE, INC.	KST210010500	WICHITA	SC	D001	GEN	.	GEN	0.400
KREONITE, INC.	KST210010500	WICHITA	SC	F003	GEN	.	GEN	1.800
KUHLMAN DIE CASTING CO#	KSD006325013	STANLEY	MT	F001	GEN	.	GEN	0.650
KUHLMAN DIE CASTING CO#	KSD006325013	STANLEY	MT	F005	GEN	0.742	GEN	0.675
KUHLMAN DIE CASTING CO#	KSD006325013	STANLEY	MT	F006	GEN	.	GEN	40.000
KUHLMAN DIE CASTING CO#	KSD006325013	STANLEY	MT	F006	S02	30.000	S02	30.000
LAWRENCE PAPER COMPANY	KSD007127558	LAWRENCE	NE	D008	GEN	.	GEN	54.000
LEAVENWORTH STEEL INC.	KSD007131071	LEAVENWORTH	MT	U239	GEN	.	GEN	2.200
LEHIGH PORTLAND CEMENT	KSD980739999	INDEPENDENCE	SE	D001	T16	.	T16	104.950
LEHIGH PORTLAND CEMENT	KSD980739999	INDEPENDENCE	SE	F001	T16	.	T16	104.950
LEHIGH PORTLAND CEMENT	KSD980739999	INDEPENDENCE	SE	F003	T16	.	T16	104.950
LEHIGH PORTLAND CEMENT	KSD980739999	INDEPENDENCE	SE	F005	T16	.	T16	104.950
LOWEN CO INC	KSD007236193	HUTCHINSON	SC	D001	GEN	9.700	GEN	8.900
LOWEN CO INC	KSD007236193	HUTCHINSON	SC	F003	GEN	9.700	GEN	8.900
MARBLE PRODUCTS DIV-KOKEN MFG CO INC	KSD063571616	WICHITA	SC	F003	GEN	5.040	GEN	4.425
MARLEY COMPANY THE#	KSD007162225	OLATHE	MT	F001	GEN	.	GEN	16.000
MARLEY COMPANY THE#	KSD007162225	OLATHE	MT	F003	GEN	6.500	GEN	36.095
MARLEY COMPANY THE#	KSD007162225	OLATHE	MT	F005	GEN	6.500	GEN	34.500
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	D001	GEN	.	GEN	0.532
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	D001	S01	.	S01	0.532
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F001	GEN	17.621	GEN	7.358
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F001	S01	17.621	S01	7.358
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F002	GEN	3.369	GEN	2.031
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F002	S01	3.369	S01	2.031
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F003	GEN	11.254	GEN	9.860
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F003	S01	11.254	S01	1.260
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F005	GEN	.	GEN	0.600
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F005	S01	.	S01	9.200
MCKESSON CHEMICAL COMPANY	KSD000809715	WICHITA	SC	F001	GEN	.	GEN	2.800
MCKESSON CHEMICAL COMPANY	KSD007421185	WICHITA	SC	F005	GEN	.	GEN	0.600
METAL FINISHING CO., INC.	KSD007421185	WICHITA	SC	F005	GEN	.	GEN	0.600
METAL FINISHING CO., INC.	KSD007421185	WICHITA	SC	F005	GEN	.	GEN	0.600
MOBAY CHEMICAL CORP STANLEY RES CTR	KSD095816500	STILWELL	MT	D000	GEN	6.000	GEN	6.750
MOBIL KANSAS CITY TERMINAL	KST210010153	KANSAS CITY	MT	D008	GEN	.	GEN	104.300
MOBIL OIL CORPORATION	KSD007235138	AUGUSTA	SC	D002	T31	1000.000	T31	1035.000
MOBIL OIL CORPORATION	KSD007235138	AUGUSTA	SC	K049	S04	5400.000	S04	5700.000
MOBIL OIL CORPORATION	KSD007235138	AUGUSTA	SC	K051	S04	.	S04	7.000

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
MODINE MANUFACTURING CO#	KSD065755100	EMPORIA	SE	D001	GEN	.	GEN	0.675
MODINE MAUFACTURING CO#	KSD065755100	EMPORIA	SE	D006	GEN	.	GEN	81.550
MODINE MANUFACTURING CO#	KSD065755100	EMPORIA	SE	D007	GEN	.	GEN	0.787
MODINE MANUFACTURING CO#	KSD065755100	EMPORIA	SE	D008	GEN	50.600	GEN	.
MODINE MANUFACTURING CO#	KSD065755100	EMPORIA	SE	D017	GEN	36.000	GEN	.
MORIDGE MANUFACTURING INC	KSD007135387	MOUNDRIIDGE	NC	D007	GEN	5.624	GEN	.
MORTON CHEMICAL	KST210010401	MILITARY	SE	F002	GEN	40.275	GEN	22.285
MURRAY GILL STEAM ELECTRIC STATION	KSD000689893	WICHITA	SC	D002	GEN	.	GEN	1.439
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D000	D81	1167.397	D81	92.588
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D000	D84	328.059	D84	18.776
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D001	D81	241.336	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D001	D84	22.521	D84	0.688
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D002	D81	314.227	D81	12.531
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D002	D84	2521.623	D84	35.616
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D002	GEN	357.360	GEN	93.955
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D002	T31	0.723	T31	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D003	D81	9.450	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D003	GEN	.	GEN	12.750
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D004	D81	538.572	D81	20.929
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D004	D84	68.537	D84	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D005	D81	191.734	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D005	D84	68.537	D84	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D006	D81	13.549	D81	2.800
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D006	D84	172.351	D84	0.114
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D007	D81	1506.164	D81	5.392
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D007	D84	353.352	D84	8.563
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D007	GEN	357.360	GEN	82.080
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D007	T31	0.723	T31	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D008	D81	43931.695	D81	281.800
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D008	D84	568.700	D84	3.025
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D009	D81	194.939	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D009	D84	42.465	D84	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D010	D81	7.362	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D011	D81	0.235	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D011	D84	54.918	D84	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D013	D81	0.573	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D014	D81	44.483	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	D015	D81	0.573	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F001	D81	.	D81	0.229
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F002	D81	73.192	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F003	D81	164.295	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F005	D81	97.348	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F006	D81	1797.979	D81	95.000
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F006	D84	2364.144	D84	57.225
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F007	D81	30.981	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F007	D84	24.209	D84	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F008	D81	134.709	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F008	D84	11.245	D84	.

| STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY |

TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F011	D81	3.901	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F016	D81	135.627	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F017	D81	250.589	D81	21.204
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F017	GEN	56.950	GEN	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	F018	D81	1.262	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	K021	D84	85.056	D84	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	K052	D81	194.774	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	K062	D81	1.147	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	K062	D84	6.196	D84	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P004	D81	2.073	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P030	D81	0.438	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P035	D81	81.254	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P037	D81	0.458	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P039	D81	2.495	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P059	D81	0.687	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P081	D81	42.455	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P089	D81	5.737	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	P090	D81	11.856	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U013	D81	32.587	D81	1.836
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U036	D81	42.055	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U061	D81	0.114	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U092	D81	2.199	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U114	D81	11.856	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U131	D81	1.147	D81	13.560
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U135	D81	30.199	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U147	D81	10.785	D81	6.425
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U165	D81	19.055	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U188	D81	4.131	D81	6.425
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U207	D81	0.114	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U224	D81	11.856	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U232	D81	30.199	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U239	D81	0.344	D81	.
NATIONAL INDUSTRIAL ENVIRONMENTAL SERV.	KSD070902952	WICHITA	SC	U240	D81	2.199	D81	.
NCR E&M WICHITA	KSD007249592	WICHITA	SC	D001	GEN	0.295	GEN	0.442
NCR E&M WICHITA	KSD007249592	WICHITA	SC	F001	GEN	0.590	GEN	1.841
NCR E&M WICHITA	KSD007249592	WICHITA	SC	F005	GEN	11.856	GEN	2.131
OLIN WATER SERVICES OLIN CORPORATION	KSD000203638	KANSAS CITY	MT	D001	S01	6.264	S01	1.200
OLIN WATER SERVICES OLIN CORPORATION	KSD000203638	KANSAS CITY	MT	D002	S01	2.781	S01	0.801
OLIN WATER SERVICES OLIN CORPORATION	KSD000203638	KANSAS CITY	MT	D003	S01	0.843	S01	0.342
OLIN WATER SERVICES OLIN CORPORATION	KSD000203638	KANSAS CITY	MT	D007	S01	2.496	S01	1.143
OSAGE PRODUCTS COMPANY	KSD007153307	OSAGE CITY	NE	D001	GEN	6.394	GEN	8.631
OHENS CORNING FIBERGLAS	KSD000610725	KANSAS CITY	MT	D007	GEN	208.000	GEN	429.000
ONSALT DIVISION BUTLER MFG COMPANY	KSD007233372	GARDEN CITY	SH	F017	GEN	2.000	GEN	.
P P G INDUSTRIES, INC	KSD980633283	KANSAS CITY	MT	D008	GEN	.	GEN	0.808
P P G INDUSTRIES, INC	KSD980633283	KANSAS CITY	MT	D008	S01	.	S01	0.808
P P G INDUSTRIES, INC	KSD980633283	KANSAS CITY	MT	K086	GEN	.	GEN	17.080
P P G INDUSTRIES, INC	KSD980633283	KANSAS CITY	MT	K086	S01	.	S01	17.080
P P G INDUSTRIES, INC	KSD980633283	KANSAS CITY	MT	K086	S02	.	S02	2.750

| STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY |

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
PARAGON NDT & FINISHES, INC	KSD097709968	WICHITA	SC	D001	GEN	.	GEN	6.075
PARAGON NDT & FINISHES, INC	KSD097709968	WICHITA	SC	D007	GEN	.	GEN	6.075
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	D014	GEN	77.368	GEN	17.746
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	D014	S01	5.218	S01	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	D014	S05	72.150	S05	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	P001	GEN	.	GEN	5.225
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	P035	GEN	81.493	GEN	17.746
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	P035	S01	9.343	S01	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	P035	S05	72.150	S05	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	P090	GEN	12.118	GEN	17.746
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	P090	S01	5.218	S01	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	P090	S05	6.900	S05	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U036	GEN	77.368	GEN	17.746
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U036	S01	5.218	S01	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U036	S05	72.150	S05	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U114	GEN	12.118	GEN	17.746
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U114	S01	5.218	S01	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U114	S05	6.900	S05	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U165	GEN	81.493	GEN	17.746
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U165	S01	9.343	S01	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U165	S05	72.150	S05	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U224	GEN	12.118	GEN	17.746
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U224	S01	5.218	S01	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U224	S05	6.900	S05	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U247	GEN	12.118	GEN	17.746
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U247	S01	5.218	S01	.
FBI-GORDON CORPORATION	KSD007124357	KANSAS CITY	MT	U247	S05	6.900	S05	.
PEABODY GORDON-PIATT COMPANY	KSD058107285	WINFIELD	SC	F003	GEN	5.000	GEN	5.000
PEABODY GORDON-PIATT COMPANY	KSD058107285	WINFIELD	SC	F004	GEN	8.000	GEN	8.000
PEABODY GORDON-PIATT COMPANY	KSD058107285	WINFIELD	SC	F017	GEN	2.000	GEN	.
PEABODY TECTANK	KSD000204214	PARSONS	SE	D007	GEN	.	GEN	22.752
PEERLESS PRODUCTS INC	KSD007128846	FORT SCOTT	SE	F002	GEN	5.249	GEN	.
PEERLESS PRODUCTS INC	KSD007128846	FORT SCOTT	SE	F003	GEN	.	GEN	7.579
PHILLIPS PETROLEUM COMPANY	KSD007162100	KANSAS CITY	MT	D002	GEN	.	GEN	11.600
PHILLIPS PETROLEUM COMPANY	KSD007162100	KANSAS CITY	MT	D002	S02	1001.000	S02	.
PHILLIPS PETROLEUM COMPANY	KSD007162100	KANSAS CITY	MT	D002	S04	.	S04	327.000
PHILLIPS PETROLEUM COMPANY	KSD007162100	KANSAS CITY	MT	K048	GEN	4892.000	GEN	5073.664
PHILLIPS PETROLEUM COMPANY	KSD007162100	KANSAS CITY	MT	K049	GEN	4892.000	GEN	5073.664
PHILLIPS PETROLEUM COMPANY	KSD007162100	KANSAS CITY	MT	K051	GEN	4892.000	GEN	5073.664
PHILLIPS PETROLEUM COMPANY	KSD007162100	KANSAS CITY	MT	K052	GEN	22.500	GEN	16.800
PHILLIPS PIPE LINE CO-WICHITA TERMINAL	KSD070904719	WICHITA	SC	D001	GEN	1.400	GEN	.
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	HERRIAM	MT	D001	GEN	0.210	GEN	.
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	HERRIAM	MT	D001	T63	0.210	T63	.
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	HERRIAM	MT	F003	GEN	1.050	GEN	1.470
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	HERRIAM	MT	F003	T06	.	T06	1.470
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	HERRIAM	MT	F003	T63	1.050	T63	.
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	HERRIAM	MT	F004	GEN	1.050	GEN	1.470
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	HERRIAM	MT	F004	T06	.	T06	1.470

| STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY |

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	MERRIAM	MT	F004	T63	1.050	T63	.
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	MERRIAM	MT	F005	GEN	0.210	GEN	0.210
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	MERRIAM	MT	F005	T06	.	T06	0.210
PITTSBURG & MIDWAY COAL MINING CO.	KSD000819011	MERRIAM	MT	F005	T63	0.210	T63	.
PLESSEY AERO PRECISION CORP-MIDWEST DIV	KSD980633366	WELLINGTON	SC	D007	GEN	3.450	GEN	.
PLESSEY AERO PRECISION CORP-MIDWEST DIV	KSD980633366	WELLINGTON	SC	D008	GEN	1.375	GEN	.
PORTER H K CO INC DELAWARE	KSD007149073	CHANUTE	SE	D001	GEN	3.788	GEN	1.395
PORTER H K CO INC DELAWARE	KSD007149073	CHANUTE	SE	F005	GEN	3.788	GEN	1.395
POWER FLAME, INC.	KSD029775723	PARSONS	SE	D001	T06	3.200	T06	.
POWER FLAME, INC.	KSD029775723	PARSONS	SE	F003	T06	0.200	T06	0.200
POWER FLAME, INC.	KSD029775723	PARSONS	SE	F005	T06	1.800	T06	1.200
POWER FLAME, INC.	KSD029775723	PARSONS	SE	U002	T06	0.200	T06	.
POWER FLAME, INC.	KSD029775723	PARSONS	SE	U220	T06	0.400	T06	0.600
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D001	GEN	56.048	GEN	54.224
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D001	S01	15.030	S01	6.900
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D001	S02	1.874	S02	2.124
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D003	GEN	56.048	GEN	54.224
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D003	S01	15.030	S01	6.900
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D003	S02	1.874	S02	2.124
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D007	GEN	56.048	GEN	54.224
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D007	S01	15.030	S01	6.900
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D007	S02	1.874	S02	2.124
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D008	GEN	56.048	GEN	54.224
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D008	S01	15.030	S01	6.900
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D008	S02	1.874	S02	2.124
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D009	GEN	56.048	GEN	54.224
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D009	S01	15.030	S01	6.900
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D009	S02	1.874	S02	2.124
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D010	GEN	56.048	GEN	54.224
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D010	S01	15.030	S01	6.900
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	D010	S02	1.874	S02	2.124
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	F003	GEN	56.048	GEN	54.224
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	F003	S01	15.030	S01	6.900
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	F003	S02	1.874	S02	2.124
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	F005	GEN	56.048	GEN	54.224
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	F005	S01	15.030	S01	6.900
PRATT & LAMBERT	KSD056577810	ANDOVER	SC	F005	S02	1.874	S02	2.124
PROCTER & GAMBLE MFG CO	KSD007130032	KANSAS CITY	MT	D001	D81	.	D81	0.025
PROCTER & GAMBLE MFG CO	KSD007130032	KANSAS CITY	MT	D002	D81	.	D81	0.900
PROCTER & GAMBLE MFG CO	KSD007130032	KANSAS CITY	MT	D003	T06	0.250	T06	0.450
PROCTER & GAMBLE MFG CO	KSD007130032	KANSAS CITY	MT	U196	D81	.	D81	0.025
PROCTER & GAMBLE MFG CO	KSD007130032	KANSAS CITY	MT	U239	D81	.	D81	0.025
PROSOCO INC	KSD007146855	KANSAS CITY	MT	D001	GEN	7.000	GEN	.
PROSOCO INC	KSD007146855	KANSAS CITY	MT	U239	GEN	7.000	GEN	.
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SH	D002	GEN	.	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SH	D012	GEN	10.624	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SH	D012	S01	.	S01	4.000
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SH	D012	S02	10.624	S02	14.248

| STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY |

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D012	T57	21.248	T57	5.748
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D014	GEN	10.624	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D014	S01	.	S01	4.000
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D014	S02	10.624	S02	14.248
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D014	T57	21.248	T57	5.748
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D015	GEN	10.624	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D015	S01	.	S01	4.000
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D015	S02	10.624	S02	14.248
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D015	T57	21.248	T57	5.748
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D016	GEN	10.624	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D016	S01	.	S01	4.000
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D016	S02	10.624	S02	14.248
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D016	T57	21.248	T57	5.748
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D017	GEN	10.624	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D017	S01	.	S01	4.000
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D017	S02	10.624	S02	14.248
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	D017	T57	21.248	T57	5.748
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P044	GEN	16.822	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P044	S01	.	S01	4.000
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P044	S02	10.624	S02	14.248
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P044	T57	21.248	T57	5.748
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P071	GEN	10.624	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P071	S01	.	S01	4.000
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P071	S02	10.624	S02	14.248
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P071	T57	21.248	T57	5.748
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P089	GEN	10.624	GEN	7.222
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P089	S01	.	S01	4.000
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P089	S02	10.624	S02	14.248
PUEBLO CHEMICAL & SUPPLY CO	KSD000819086	GARDEN CITY	SW	P089	T57	21.248	T57	5.748
PURITAN EQUIPMENT INC	KSD007120751	LENEXA	MT	D001	GEN	2.400	GEN	3.750
PYRODEX PRODUCTION PLANT	KSD087426193	HERINGTON	NC	K044	T12	8.396	T12	17.142
R O CORPORATION	KSD007171176	OLATHE	MT	D001	GEN	15.500	GEN	.
R O CORPORATION	KSD007171176	OLATHE	MT	D001	S01	16.000	S01	13.500
R O CORPORATION	KSD007171176	OLATHE	MT	D008	GEN	15.500	GEN	.
R O CORPORATION	KSD007171176	OLATHE	MT	D008	S01	16.000	S01	13.500
RACON INCORPORATED	KSD007249980	WICHITA	SC	D004	GEN	.	GEN	12.887
RACON INCORPORATED	KSD007249980	WICHITA	SC	D007	GEN	.	GEN	6.673
RACON INCORPORATED	KSD007249980	WICHITA	SC	F017	GEN	22.114	GEN	.
RACON INCORPORATED	KSD007249980	WICHITA	SC	K021	GEN	63.600	GEN	12.887
REICHHOLD CHEMICALS INC	KSD007118144	KANSAS CITY	MT	D001	GEN	.	GEN	8.000
REID SUPPLY CO	KSD007246846	WICHITA	SC	D001	GEN	0.178	GEN	62.858
REID SUPPLY CO	KSD007246846	WICHITA	SC	D001	S01	.	S01	4.498
REID SUPPLY CO	KSD007246846	WICHITA	SC	D001	S02	140.024	S02	303.400
REID SUPPLY CO	KSD007246846	WICHITA	SC	F001	GEN	77.763	GEN	70.167
REID SUPPLY CO	KSD007246846	WICHITA	SC	F001	S01	231.702	S01	92.422
REID SUPPLY CO	KSD007246846	WICHITA	SC	F002	GEN	5.363	GEN	.
REID SUPPLY CO	KSD007246846	WICHITA	SC	F002	S01	12.620	S01	38.520
REID SUPPLY CO	KSD007246846	WICHITA	SC	F003	GEN	59.254	GEN	62.927

| STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY |

TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
REID SUPPLY CO	KSD007246846	WICHITA	SC	F003	S01	46.120	S01	202.242
REID SUPPLY CO	KSD007246846	WICHITA	SC	F003	S02	27.344	S02	119.590
REID SUPPLY CO	KSD007246846	WICHITA	SC	F004	GEN	1.285	GEN	.
REID SUPPLY CO	KSD007246846	WICHITA	SC	F004	S01	23.630	S01	.
REID SUPPLY CO	KSD007246846	WICHITA	SC	F005	GEN	412.751	GEN	57.689
REID SUPPLY CO	KSD007246846	WICHITA	SC	F005	S01	18.742	S01	22.088
REID SUPPLY CO	KSD007246846	WICHITA	SC	F005	S02	117.420	S02	95.552
RICKEL MFG CORP	KSD084853886	SALINA	NC	D005	GEN	4.000	GEN	.
RICKEL MFG CORP	KSD084853886	SALINA	NC	F005	GEN	4.000	GEN	.
RICKEL MFG CORP	KSD084853886	SALINA	NC	U159	GEN	4.000	GEN	.
RICKEL MFG CORP	KSD084853886	SALINA	NC	U220	GEN	4.000	GEN	.
RICKEL MFG CORP	KSD084853886	SALINA	NC	U239	GEN	4.000	GEN	.
ROBBIE MANUFACTURING INC	KSD054080148	LENEXA	MT	F003	GEN	.	GEN	5.616
ROUND-UP ENTERPRISES INC	KSD058102138	HILLSBORO	SC	F001	GEN	25.000	GEN	10.500
S-G DIESEL POWER INC	KSD058107269	MCPHERSON	NC	U032	GEN	62.655	GEN	.
SACS INC.	KSD007453251	LEAVENWORTH	MT	F001	GEN	3.570	GEN	2.332
SANTA FE ARGENTINE CAR SHOPS	KSD095824546	KANSAS CITY	MT	D002	GEN	46.707	GEN	41.947
SANTA FE ARGENTINE CAR SHOPS	KSD095824546	KANSAS CITY	MT	D007	GEN	0.008	GEN	0.031
SANTA FE ARGENTINE CAR SHOPS	KSD095824546	KANSAS CITY	MT	D008	GEN	14.400	GEN	25.920
SANTA FE TOPEKA CAR SHOPS	KSD000690099	TOPEKA	NE	D001	GEN	.	GEN	1.070
SANTA FE TOPEKA CAR SHOPS	KSD000690099	TOPEKA	NE	D002	GEN	19.527	GEN	.
SANTA FE TOPEKA CAR SHOPS	KSD000690099	TOPEKA	NE	D006	GEN	.	GEN	1.147
SANTA FE TOPEKA CAR SHOPS	KSD000690099	TOPEKA	NE	D007	GEN	.	GEN	1.147
SANTA FE TOPEKA CAR SHOPS	KSD000690099	TOPEKA	NE	D008	GEN	5.250	GEN	71.647
SANTA FE TOPEKA CAR SHOPS	KSD000690099	TOPEKA	NE	D009	GEN	.	GEN	1.070
SANTA FE TOPEKA CAR SHOPS	KSD000690099	TOPEKA	NE	D010	GEN	.	GEN	1.070
SANTA FE TOPEKA CAR SHOPS	KSD000690099	TOPEKA	NE	F017	GEN	15.785	GEN	20.745
SEALRIGHT CO INC	KSD007118169	KANSAS CITY	MT	F001	GEN	15.687	GEN	10.875
SEALRIGHT CO INC	KSD007118169	KANSAS CITY	MT	F003	GEN	33.560	GEN	35.704
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	D001	GEN	46.770	GEN	58.592
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	D001	S01	0.458	S01	8.782
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	D001	S02	2.890	S02	.
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	D001	T63	119.452	T63	.
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	D002	GEN	0.330	GEN	.
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	D007	GEN	0.330	GEN	.
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	F003	GEN	46.770	GEN	58.592
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	F003	S01	0.458	S01	8.782
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	F003	S02	2.890	S02	.
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	F003	T63	119.452	T63	.
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	F005	GEN	46.770	GEN	58.592
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	F005	S01	0.458	S01	8.782
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	F005	S02	2.890	S02	.
SELECT PRODUCTS CO	KSD007150568	LEAVENWORTH	MT	F005	T63	119.452	T63	.
SHITH AND SHITH AIRCRAFT COMPANY	KSD082457193	WICHITA	SC	F001	GEN	.	GEN	4.620
SNORKEL DIVISION OF A-T-O INCORPORATED	KSD096747027	ELHOOD	NE	F001	GEN	12.771	GEN	10.389
SNORKEL DIVISION OF A-T-O INCORPORATED	KSD096747027	ELHOOD	NE	F003	GEN	10.560	GEN	10.590
SPERRY FLIGHT SYSTEMS	KSD009708751	WICHITA	SC	F003	GEN	4.124	GEN	4.000
STRUTHERS THERMO-FLOOD	KSD053078069	WINFIELD	SC	F003	GEN	5.280	GEN	9.240

STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY

TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	D001	T24	0.051	T24	1.518
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	D002	T31	15141.996	T31	14073.000
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	D003	S01	3.549	S01	61.308
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	D003	T18	7.686	T18	1.503
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	D007	S01	0.456	S01	2.214
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	D008	S01	.	S01	0.828
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	D008	T18	7.686	T18	1.503
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	D009	S01	.	S01	0.075
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	F001	S01	0.495	S01	1.848
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	K044	T18	7.686	T18	.
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	P081	T18	7.686	T18	.
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	U151	GEN	.	GEN	0.033
SUNFLOWER ARMY AMMUNITION PLANT	KS3213820878	SOUTH OF DE SOTO	MT	U151	S01	0.000	S01	0.018
TABCO INCORPORATED	KSD007158777	KANSAS CITY	MT	F001	GEN	2.062	GEN	2.062
TABCO INCORPORATED	KSD007158777	KANSAS CITY	MT	U210	GEN	2.062	GEN	2.062
TEXACO USA A DIVISION OF TEXACO INC.	KSD046693990	WICHITA	SC	D001	GEN	3.750	GEN	.
TEXACO USA A DIVISION OF TEXACO INC.	KSD046693990	WICHITA	SC	D008	GEN	3.750	GEN	.
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	F001	S01	.	S01	41.696
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	F001	T63	.	T63	78.204
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	F002	S01	.	S01	7.964
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	P004	GEN	0.048	GEN	.
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	P037	GEN	0.048	GEN	.
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	P059	GEN	0.048	GEN	.
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	U061	GEN	0.048	GEN	.
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	U081	GEN	17.240	GEN	.
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	U129	GEN	0.048	GEN	.
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	U207	GEN	0.048	GEN	.
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	U233	GEN	.	GEN	2.260
THOMPSON HAYWARD CHEMICAL COMPANY	KST210010062	KANSAS CITY	MT	U240	GEN	.	GEN	2.260
TOTAL PETROLEUM INC.	KSD087418695	ARKANSAS CITY	SC	K049	D82	1072.978	D82	1519.388
TRAVENOL LABORATORIES INC	KSD043933266	HAYS	NW	F002	GEN	1.088	GEN	2.704
TRAVENOL LABORATORIES INC	KSD043933266	HAYS	NW	F002	S01	6.368	S01	12.208
TRAVENOL LABORATORIES INC	KSD043933266	HAYS	NW	F003	GEN	5.534	GEN	4.874
TRAVENOL LABORATORIES INC	KSD043933266	HAYS	NW	F003	S01	5.534	S01	4.874
TRAVENOL LABORATORIES INC	KSD043933266	HAYS	NW	F005	GEN	5.534	GEN	4.874
TRAVENOL LABORATORIES INC	KSD043933266	HAYS	NW	F005	S01	5.534	S01	4.874
TREASURE CHEST ADVERTISING INC.	KST210010724	LENEXA	MT	K086	GEN	12.400	GEN	12.000
TRICO INDUSTRIES COLUMBIAN DIVISION	KSD007141468	KANSAS CITY	MT	F003	GEN	1.150	GEN	.
TRICO INDUSTRIES COLUMBIAN DIVISION	KSD007141468	KANSAS CITY	MT	F005	GEN	1.150	GEN	.
TRICO INDUSTRIES COLUMBIAN DIVISION	KSD007141468	KANSAS CITY	MT	F017	GEN	25.700	GEN	.
TRW LAWRENCE CABLE DIV	KSD073052847	LAWRENCE	NE	D001	GEN	3.700	GEN	.
TWECO PRODUCTS INC	KSD007232671	WICHITA	SC	D001	GEN	2.356	GEN	2.227
TWECO PRODUCTS INC	KSD007232671	WICHITA	SC	D006	GEN	0.616	GEN	0.153
TWECO PRODUCTS INC	KSD007232671	WICHITA	SC	D008	GEN	2.356	GEN	2.227
TWECO PRODUCTS INC	KSD007232671	WICHITA	SC	F003	GEN	1.740	GEN	2.074
TWECO PRODUCTS INC	KSD007232671	WICHITA	SC	F005	GEN	1.740	GEN	2.074
ULYSSES PLANT OF AMOCO PRODUCTION CO	KSD000830398	ULYSSES	SW	D002	GEN	3.840	GEN	.
UNIFLO CONVEYOR	KSD0008319177	WICHITA	SC	D001	GEN	1.250	GEN	.

STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
UNIFLO CONVEYOR	KSD000819177	WICHITA	SC	F003	GEN	.	GEN	1.050
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	D001	GEN	.	GEN	0.726
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	D001	S01	.	S01	0.733
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	D002	GEN	.	GEN	0.311
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	D002	S01	.	S01	0.319
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	D003	GEN	.	GEN	0.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	D003	S01	.	S01	0.002
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	D009	GEN	.	GEN	0.002
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	D009	S01	.	S01	0.012
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P003	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P003	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P011	GEN	.	GEN	0.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P011	S01	.	S01	0.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P012	GEN	.	GEN	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P012	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P022	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P028	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P048	GEN	.	GEN	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P048	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P082	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P082	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P098	GEN	.	GEN	0.008
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P098	S01	.	S01	0.008
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P106	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	P106	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U002	GEN	.	GEN	0.285
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U002	S01	.	S01	0.142
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U006	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U012	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U012	S01	.	S01	0.002
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U019	GEN	.	GEN	0.575
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U019	S01	.	S01	0.575
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U021	GEN	.	GEN	0.002
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U021	S01	.	S01	0.002
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U031	GEN	.	GEN	0.062
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U031	S01	.	S01	0.062
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U032	GEN	.	GEN	0.007
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U032	S01	.	S01	0.007
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U044	GEN	.	GEN	0.162
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U044	S01	.	S01	0.162
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U052	GEN	.	GEN	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U052	S01	.	S01	0.002
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U056	GEN	.	GEN	0.012
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U056	S01	.	S01	0.009
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U069	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U069	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U072	GEN	.	GEN	0.006
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U072	S01	.	S01	0.007

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FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U079	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U079	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U083	GEN	.	GEN	0.005
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U083	S01	.	S01	0.005
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U084	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U084	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U091	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U091	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U092	GEN	.	GEN	0.010
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U092	S01	.	S01	0.010
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U095	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U102	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U102	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U103	GEN	.	GEN	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U103	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U108	GEN	.	GEN	0.034
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U108	S01	.	S01	0.044
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U112	GEN	.	GEN	0.015
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U112	S01	.	S01	0.015
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U122	GEN	.	GEN	0.025
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U122	S01	.	S01	0.025
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U123	GEN	.	GEN	0.010
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U123	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U131	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U131	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U134	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U144	GEN	.	GEN	0.014
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U144	S01	.	S01	0.014
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U146	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U146	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U154	GEN	.	GEN	0.131
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U154	S01	.	S01	0.148
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U159	GEN	.	GEN	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U159	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U161	GEN	.	GEN	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U161	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U165	GEN	.	GEN	0.007
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U165	S01	.	S01	0.008
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U182	GEN	.	GEN	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U182	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U188	GEN	.	GEN	1.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U188	S01	.	S01	0.105
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U190	GEN	.	GEN	0.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U190	S01	.	S01	0.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U194	GEN	.	GEN	0.017
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U194	S01	.	S01	0.017
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U196	GEN	.	GEN	0.022
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U196	S01	.	S01	0.022

| STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY |

| TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER |

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981 TSD	AMOUNT	1982 TSD	AMOUNT
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U202	GEN	.	GEN	0.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U202	S01	.	S01	0.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U213	GEN	.	GEN	0.003
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U213	S01	.	S01	0.006
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U220	GEN	.	GEN	0.369
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U220	S01	.	S01	0.414
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U226	GEN	.	GEN	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U226	S01	.	S01	0.001
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U227	S01	.	S01	0.002
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U236	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U239	GEN	.	GEN	0.374
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U239	S01	.	S01	0.374
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U240	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U240	S01	.	S01	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U246	GEN	.	GEN	0.000
UNIVERSITY OF KANSAS MEDICAL CENTER	KSD076274737	KANSAS CITY	MT	U246	S01	.	S01	0.000
VITA CRAFT CORPORATION	KSD043950773	SHAWNEE	MT	F002	GEN	.	GEN	2.502
VULCAN MATERIALS COMPANY	KSD007482029	WICHITA	SC	D001	D80	666550	D80	651950
VULCAN MATERIALS COMPANY	KSD007482029	WICHITA	SC	D007	D80	666550	D80	651950
VULCAN MATERIALS COMPANY	KSD007482029	WICHITA	SC	K016	GEN	195.000	GEN	.
VULCAN MATERIALS COMPANY	KSD007482029	WICHITA	SC	K016	T06	1008.000	T06	603.000
VULCAN MATERIALS COMPANY	KSD007482029	WICHITA	SC	K021	D80	0.024	D80	0.024
VULCAN MATERIALS COMPANY	KSD007482029	WICHITA	SC	U044	D80	666550	D80	651950
VULCAN MATERIALS COMPANY	KSD007482029	WICHITA	SC	U080	D80	666550	D80	651950
VULCAN MATERIALS COMPANY	KSD007482029	WICHITA	SC	U242	GEN	25.000	GEN	15.000
WESTERN ELECTRIC COMPANY INC-KCSC	KSD041147034	MERRIAM	MT	D001	GEN	0.131	GEN	0.262
WESTERN ELECTRIC COMPANY INC-KCSC	KSD041147034	MERRIAM	MT	D006	GEN	0.131	GEN	0.262
WESTERN ELECTRIC COMPANY INC-KCSC	KSD041147034	MERRIAM	MT	D008	GEN	0.131	GEN	0.262
WESTERN ELECTRIC COMPANY INC-KCSC	KSD041147034	MERRIAM	MT	F002	GEN	3.018	GEN	12.361
WESTERN ELECTRIC COMPANY INC-KCSC	KSD041147034	MERRIAM	MT	F003	GEN	0.131	GEN	0.262
WESTERN ELECTRIC COMPANY INC-KCSC	KSD041147034	MERRIAM	MT	F005	GEN	0.131	GEN	0.262
WESTINGHOUSE ELECTRIC CORP	KSD043941590	SALINA	NC	D001	GEN	.	GEN	3.570
WESTINGHOUSE ELECTRIC CORP	KSD043941590	SALINA	NC	D009	GEN	23.180	GEN	9.120
WESTINGHOUSE ELECTRIC CORP	KSD043941590	SALINA	NC	F003	GEN	.	GEN	1.200
WHITE ADVERTISING COMPAN	KST210010443	WICHITA	SC	F001	GEN	1.000	GEN	1.000
WILKO PAINT INC	KSD007236805	WICHITA	SC	F003	GEN	.	GEN	19.700
WILKO PAINT INC	KSD007236805	WICHITA	SC	F005	GEN	.	GEN	19.700
WILLIAMS PIPE LINE COMPANY	KSD030633911	KANSAS CITY	MT	D001	GEN	29.000	GEN	286.000
WILLIAMS PIPELINE COMPANY	KST210010666	OLATHE	MT	D001	GEN	21.000	GEN	.
WOLF CREEK GENERATING STATION	KSD000686956	BURLINGTON	SE	D001	S01	.	S01	1.875
WOLF CREEK GENERATING STATION	KSD000686956	BURLINGTON	SE	D001	S02	2.828	S02	3.062
WOLF CREEK GENERATING STATION	KSD000686956	BURLINGTON	SE	D008	S01	16.454	S01	30.586
WOLF CREEK GENERATING STATION	KSD000686956	BURLINGTON	SE	D008	S02	2.828	S02	3.062
WOLF CREEK GENERATING STATION	KSD000686956	BURLINGTON	SE	D010	S01	0.340	S01	0.340
WOLF CREEK GENERATING STATION	KSD000686956	BURLINGTON	SE	F003	S02	2.828	S02	3.062
WOLF CREEK GENERATING STATION	KSD000686956	BURLINGTON	SE	F005	S02	2.828	S02	3.062
WOLF CREEK GENERATING STATION	KSD000686956	BURLINGTON	SE	P030	S01	0.002	S01	0.002
WOODHILL PERMATEX	KSD007127046	KANSAS CITY	MT	D001	GEN	19.010	GEN	29.461

| STATE OF KANSAS ANNUAL HAZARDOUS WASTE REPORT SUMMARY |

| TOTAL AMOUNT IN SHORT TONS PRODUCED BY EACH FACILITY FOR EACH HAZARDOUS WASTE NUMBER |

FACILITY NAME	EPA ID NO.	FACILITY CITY	DS	HW NO.	1981	TSD	AMOUNT	1982	TSD	AMOUNT
WOODHILL PERMATEX	KSD007127046	KANSAS CITY	MT	F003		GEN	5.280	GEN		6.270
WOODHILL PERMATEX	KSD007127046	KANSAS CITY	MT	F005		GEN	4.375	GEN		5.555
WOODMARK INC	KSD030713051	CHANUTE	SE	D001		GEN	17.655	GEN		12.150
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D001		D81	1.160	D81		1.221
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D001		T18	0.220	T18		0.810
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D002		S01	.	S01		0.030
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D002		T77	28.000	T77		14.000
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D003		D81	7.437	D81		7.829
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D003		T18	3.957	T18		5.090
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D008		S01	0.049	S01		0.049
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D008		T77	.	T77		14.000
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	D009		S01	0.049	S01		0.049
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	P075		S01	.	S01		0.001
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	U031		S01	.	S01		0.002
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	U061		S01	.	S01		0.060
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	U112		S01	.	S01		0.002
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	U220		S01	.	S01		0.002
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	U239		S01	.	S01		0.002
1ST INF DIV (M) AND FORT RILEY	KS6214020756	FORT RILEY	NC	U239		T18	0.215	T18		0.215

Questions from March 27, 1984 Meeting of Senate Energy
and Natural Resources Committee

Question

Is Vulcan Materials Company paying hazardous waste fees?

Answer

Yes. Vulcan has submitted a generator monitoring fee for those wastes shipped off-site for disposal. They also have paid fees for the hazardous waste storage and treatment performed on-site.

Question

Are the Vulcan injection wells subject to a regular inspection program?

Answer

Yes. The Kansas Department of Health and Environment reviews quarterly monitoring results for the five deep Arbuckle disposal wells. The injection wells are monitored for leaks by Vulcan in the following ways.

- (a) At least once a year, the 4" fiberglass tubing is raised, inspected and any defective joints replaced. The casing is inspected by down hole logs when the tubing is out of the hole.
- (b) Leak detection is monitored by an pressured oil column in the annulus which is atop the natural Arbuckle fluid level at 250' feet below surface.
- (c) Vulcan submits monthly reports showing pH and other analyses results of weekly grab samples of injected wastes water from each well. Organics are expressed in terms of Total Organics Carbon (TOC). Additional well monitoring information provided under the Underground Injection Control (UIC) Program includes:
 - 1) Annulus pressure (daily reading)
 - 2) Injection rate (daily reading)
 - 3) Gravity or vacuum reading (daily)
 - 4) Log of malfunctions and well related problems (submitted as a part of quarterly report)

Question

What percentage of the total amount of hazardous waste generated in Kansas does the quantity generated by Vulcan and disposed via injection wells constitute?

Answer

In 1981 Vulcan generated 84.1% and in 1982 they generated 85.7 of the total quantity of hazardous waste generated in the State of Kansas if the quantity of contaminated groundwater being withdrawn for deep well disposal is included as hazardous waste generation.

Of the total quantity of wastes disposed via injection wells at Vulcan approximately 10% is contaminated groundwater, 10-30% is process waste which is RCRA hazardous waste, and the balance is process waste which is not RCRA hazardous waste.



Kansas Chapter

Testimony to
the Senate Energy and Natural Resources Committee

by

Matt Selby

March 28, 1984

The Sierra Club supports the ban of ground burial of hazardous waste because we believe it addresses one of the most important issues and concerns facing Kansans today - groundwater. Groundwater is a vital resource in Kansas. Over 80% of our total water usage is from the ground - this is higher than any other state in the nation. Our groundwater must be protected in every way possible so as to assure a high quality, affordable, and easily obtainable supply of water for future generations of people in this State. One way of protecting our supply of groundwater is by preventing contamination of the resource. Banning ground disposal of hazardous waste is a major step towards achieving that goal.

At the present time it is not technologically possible to bury hazardous waste in such a manner that will prevent eventual contamination of the surrounding water, land, and air. By prohibiting land burial, the State's water resources will be better protected and generators of hazardous waste will be provided with an incentive to find alternative methods of dealing with their hazardous waste. 80 - 90% of hazardous waste can be disposed of by alternative means such as

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recycling, inceneration, and treatment. On the national level 3M Co., Dow, Exxon, and Getty have not only reduced production of hazardous waste, but have saved millions of dollars in some cases. Kansas companies that have turned to alternative methods include Cessna, Boeing, Kansas Plating Co., and Coleman. To encourage these companies to continue using alternative methods, to give other companies that are just waiting for Furley to reopen an incentive to began finding and using alternative means, and to protect the health, economy, and environment of the State, ground burial of hazardous waste must be prohibited.

The problem of groundwater contamination is not limited to hazardous waste dumpsites such as Furley, but to all sites where hazardous waste has been dumped in sufficient quantities to present a danger of groundwater contamination. These sites are numerous. For years small generators have been exempt from all regulations controlling the disposal of hazardous waste. The 2000 - 3000, or more, generators who produce less than 100 kilograms (or 220 pounds) per month, are free to dispose of their waste in any manner including pouring it down the drain, dumping it in a ditch, or, most likely, hauling it to the local landfill. The amount of hazardous waste that has accumulated in some of this state's local and county landfills may be enormous, not to mention very dangerous. The sites with the greatest potential of causing groundwater contamination have been identified and need to be investigated to determine the extent of the danger. HB 2726 recognizes this need and attempts to create a Superfund to be used for the purpose of investigating the sites most likely to pose a threat to the groundwater in the area. It is essential that these sites be checked to see if there is a

problem present, and to catch and address the problem areas before they become major clean-up sites.

Clean-up of contaminated areas is extremely expensive, regularly running into the millions of dollars. While ground burial is the cheapest method of disposal in the short-run, it is by far the most expensive in the long run. Once a site becomes contaminated there is no cheap method. Right now we have a choice of whether to spend money to implement alternative methods of disposal or waiting until later and spending many times that amount to clean up today's mistakes. In the future we will not have a choice.

Hazardous wastes presents many problems. HB 2725 and 2726 deal with these problems.

- 1) 2726 provides funds to investigate potential problem areas before they become major clean-up sites.
- 2) They recognize that while most hazardous waste can be re-used or disposed of by some alternative method, a small percentage will have to be stored in some manner. 2725 does not abolish storage of hazardous waste, it simply prohibits the most dangerous of the methods. Other types of storage such as mound burial, above ground storage, and underground injection are not prohibited. The secretary may also grant exceptions to the prohibition on land burial if the person seeking the exception meets the required standards.
- 3) 2725 prohibits the dumping of individually small but cumulative large and extremely dangerous amounts of hazardous waste in our local landfills, roadside ditches, and sewer systems. At the same, the bill recognizes the problems small generators might have with

immediate compliance of a complete ban by phasing out the exemption on small generators over a four year period.

4) Most importantly, the bill bans the ground burial of hazardous waste. This ban is vital to the protection of our groundwater resource. Permitting ground burial is equivalent to granting a license to contaminate groundwater.

For the reasons set forth, the Sierra Club supports HB 2725 and 2726.



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Kansas Engineering Society
 Analysis on Hazardous Waste Disposition

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A. Objective and Rationale.

The Kansas Engineering Society (KES) has been concerned about the control and proper disposition of hazardous waste for several years. KES has taken an active role in making recommendations to the Legislature and to the Governor concerning hazardous waste, and has been the driving force in developing the position statement on hazardous waste by the National Society of Professional Engineers (NSPE).

Both the KES and the NSPE positions provide technically sound arguments regarding the proper treatment (detoxification) and disposal of hazardous wastes so that the population and the environment are not adversely affected. There are existing and proven engineering processes which can be applied to detoxify most hazardous wastes.

The KES evaluation of the present situation in Kansas is as follows:

1. Kansas does not have, and has not had for more than two years, an in-state facility for treatment or disposal of the broad spectrum of wastes generated in the State.
2. KES is not optimistic that the present facility or one like it will ever be operated in Kansas because of unfavorable public attitudes regarding this mode of hazardous waste disposal.
3. The lack of comprehensive hazardous waste treatment and disposal facility is neither environmentally sound nor conducive to the establishment of an increased industrial business base in the State.

KES, therefore, recommends that the Kansas Legislature take a fresh approach to solving the hazardous waste problem as rapidly as possible by establishing a centralized waste treatment, processing and disposal site. The planning and construction of such a site will require at least three to four years, so the Legislature is urged to move with dispatch to provide these urgently needed facilities.

The provision for such a centralized facility will be a great service to both the small quantity generator and to those generators who produce larger waste quantities but who elect not to provide approved and permitted on-site treatment.

B. Position Statement

The State of Kansas should own and operate or cause to be operated a comprehensive treatment facility for hazardous wastes. Such a facility will receive and store properly segregated hazardous waste from generators, provide appropriate treatment to render the wastes

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non-hazardous, and dispose the residues in an environmentally sound manner.

The facility operator shall determine the amenability to treatment by the facility of specific wastes.

Generators of wastes which are non-treatable or for which the appropriate processing is not available within the facility must apply for and receive approval from the oversight agency for long-term storage and/or disposal of the waste while still in its hazardous form.

C. Implementation

The State of Kansas should create a separate authority operating in tandem with the Kansas Department of Health & Environment to implement this concept. The authority should be fully operational, funded from charges to industry for waste processing. The State of Kansas should purchase property, construct, own and cause the facility to be operated as a separate treatment and disposal utility. Legislation should be developed around this concept and fully funded, initially from the State General Revenues, with repayment by the using industries. Care should be taken to allow fiscal flexibility so as to insure and maintain the utilization of current technology.

Hazardous Waste

The National Society of Professional Engineers and the Kansas Engineering Society recommend that state and federal governments create economic incentives for private industry to provide treatment for hazardous wastes and to recover resources from waste materials. Comprehensive regional treatment and recycling facilities should be included under the options eligible for such incentives. Consideration should be given to mechanisms which expedite siting of these facilities.

The Society also recommends the following policies be legislated by Congress and implemented by the U.S. Environmental Protection Agency.

1. Increase emphasis on resource recovery, recycling, and detoxification of hazardous waste materials. Disallow land burial for materials that present a significant risk to the environment, and for which economically achievable, environmentally sound alternatives exist. Encourage the transfer of viable technology for recycling and detoxification of waste.
2. Simplify, streamline, and codify the complex regulations which have been issued to date, to make compliance requirements more understandable to those who generate, treat, or store hazardous wastes.
3. Codify procedures required for delisting petitions for treated wastes, and accelerate review and approval procedures by EPA. Specific guidelines for delisting petitions should be published, and properly prepared and submitted petitions should be acted upon within three months. Encourage delisting action by the states, where appropriate.
4. Restrict exemptions for small quantity generators of wastes which pose a significant hazard to human health and the environment.
5. The degree of risk inherent in any waste should be considered in all regulations concerning its disposal. Further controls on hazardous wastes should be limited to those wastes which pose a significant risk to the environment or to public health, and programs to encourage alternative methods of disposal should be emphasized to focus on those with the highest risk.