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# **Biennial Hazardous Waste Activities Report 2007 & 2008 Reporting Years**

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**November 1, 2009**

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FEB 11 2010

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## Introduction

The Maine Biennial Hazardous Waste Report for 2007 and 2008 has been prepared by the Maine Department of Environmental Protection (“Department”) to fulfill the requirements of 38 M.R.S.A. § 1319-Q (2) for biennial reporting on the generation, transportation, and handling of hazardous waste in Maine.

Hazardous waste information was tallied using the Department’s hazardous waste manifest computer database. All facilities that ship hazardous waste, regardless of quantity, are required to use a hazardous waste manifest. Department staff enters shipment information from the manifests into the Department’s manifest database. The unit of measure used in this report for the quantity of waste is pounds. The hazardous waste quantities reported on the manifests which are not reported in pounds (i.e. gallons, liters, etc.) are converted to pounds using conversion factors based upon the type of waste. This report does not include hazardous waste generated and treated on-site under abbreviated treatment licenses since this waste is not transported, the data is not entered into the manifest database, and it is a relatively minor amount compared to the shipment data. This report also does not include information about waste oil or bio-medical waste generation or shipment. The report data has been supplemented with information on universal wastes including information from the manufacturer take-back program.

This report includes manifest data from shipments of hazardous waste from all facilities that generated and shipped hazardous waste in 2007 and 2008. This includes facilities that are regulated in Maine’s three categories of hazardous waste generators (Small Quantity Generators, Small Quantity Generator Plus, and fully regulated generators or Large Quantity Generators). The report also includes waste quantities from “one-time generators” of hazardous waste. Small Quantity Generators (SQGs) generate up to 100 kilograms or 220 pounds per month and cannot accumulate more than one 55-gallon drum or 440 pounds on site at any one time. SQGs have the fewest regulatory requirements. Those in the Small Quantity Generator Plus (SQG Plus) category have the same monthly generation restrictions as SQGs, but can accumulate up to three 55-gallon drums or 600 kilograms of hazardous waste on site at any one time. SQG Plus generators have regulatory requirements in addition to those that SQGs must adhere to. Fully regulated generators (a.k.a. large quantity generators or LQGs) generate more than 100 kilograms or 220 pounds per month or accumulate more than 600 kilograms on site at any one time. Both SQG Plus and fully regulated generators are required to obtain a permanent US Environmental Protection Agency (EPA) identification number. SQGs use the generic identification number, MEX020000000. A provisional number system is used for “one-time generators” of hazardous waste to facilitate emergency shipments for one-time clean-ups or remediation projects. The “one-time generators” are issued temporary identification numbers beginning with the “MEP” prefix. Examples of one-time generation of hazardous waste include site remedial activity and underground gasoline storage tank removals.



### Waste Generation

For the 2007 and 2008 Biennial Hazardous Waste Report, the Department’s hazardous waste manifest database was analyzed for generation amounts, waste codes, and export information for all generators. In years prior to 1993, the Department’s manifest database did not exist and report analysis was primarily based on EPA-required Biennial Report data, which was submitted only by fully regulated generators. Therefore, those reports did not include data from all hazardous waste generators. The use and maintenance of the Department’s manifest database facilitates more complete analysis and provides for more consistent reporting on hazardous waste activities. In addition, the database has reduced the time needed to complete data reviews and analyses.

In 2007, 24,425,943 pounds of hazardous waste and in 2008, 17,229,713 pounds of hazardous waste were generated and shipped by Maine generators. Universal wastes, a sub-category of hazardous waste which includes fluorescent lamps, cathode ray tubes, mercury switches and other wastes, are not included in the totals reported in Tables 1 - 4 and Figures 1 - 5. Data related to the recycling efforts for universal wastes are reported and discussed in this report, beginning on page 11 and in Table 5 and Figures 6 - 10.

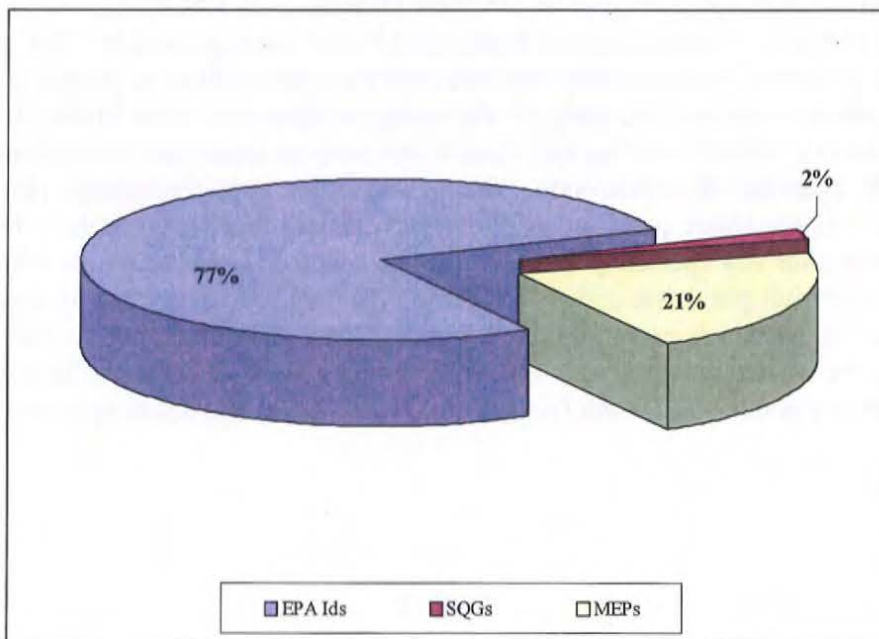
Table 1 shows the quantities of hazardous waste generation in Maine for 2007 and 2008 by generator type, while Figures 1 and 2 illustrate the percentage of hazardous waste shipped by generator type for 2007 and 2008, respectively. Generator types in Table 1 include: Generators with Assigned Numbers (i.e. Fully regulated/LQGs and SQG Plus generators); One-time Generators (i.e. assigned a temporary “MEP” ID number to facilitate a one-time hazardous waste clean-up or removal); and Small Quantity Generators (SQGs which do not have permanent IDs but use the generic MEX020000000 ID number for manifested hazardous waste shipments).

**Table 1**  
**Hazardous Waste Shipping Information from Manifests**

Generator Type	Quantity in Pounds for 2007	Quantity in Pounds for 2008
Generators with Assigned ID Numbers	18,829,639	15,196,981
One-time Generators (MEP ID #s)	5,086,616	1,663,818
Small Quantity Generators	509,688	368,914
<b>Total</b>	<b>24,425,943</b>	<b>17,229,713</b>

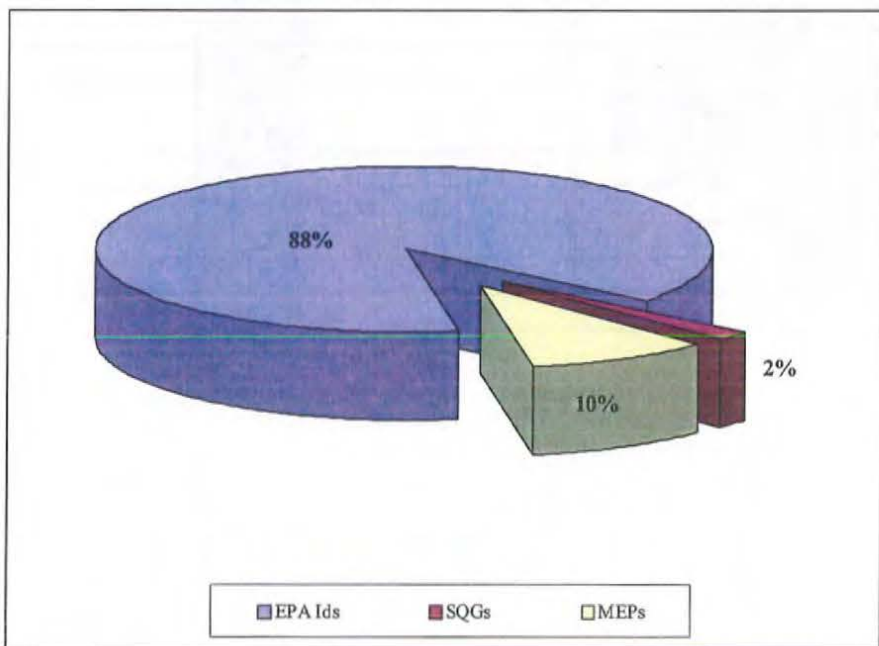
### 2007 Hazardous Waste Generation

Figure 1



### 2008 Hazardous Waste Generation

Figure 2





## 2007 & 2008 Biennial Hazardous Waste Activities Report

For a breakdown, by waste code, of the quantity of hazardous waste generated in pounds for 2007 and 2008, see Table 2. For a graphical representation of this same data, see Figures 3 and 4. The Waste Codes in the table and figures, except for M002 (PCB's over 50 ppm), are federally-assigned waste codes adopted by Maine's Hazardous Waste Management Rules, for identifying waste types. Polychlorinated biphenyls (PCBs) are regulated by EPA as toxic substances, but in Maine, wastes containing fifty (50) parts per million or greater of PCBs are listed as a hazardous waste and are assigned the waste identification code M002. It should be noted that the data in Table 2 and Figures 3 and 4 represent an approximate breakdown of hazardous waste quantities by waste code. The reason for the approximation is that many wastes can have more than one waste code to describe that waste and there is no State or Federal coding protocol, providing for any specific precedence of one waste code over another when coding wastes which have multiple waste codes. Therefore, the data represents "waste types" (i.e. ignitable, corrosive, metals & pesticides, etc.) which include the quantity of wastes identified by the waste code, for wastes in which only that waste code is used, along with the quantity of wastes in which that waste code is the first waste code listed for the waste item described on a manifest.

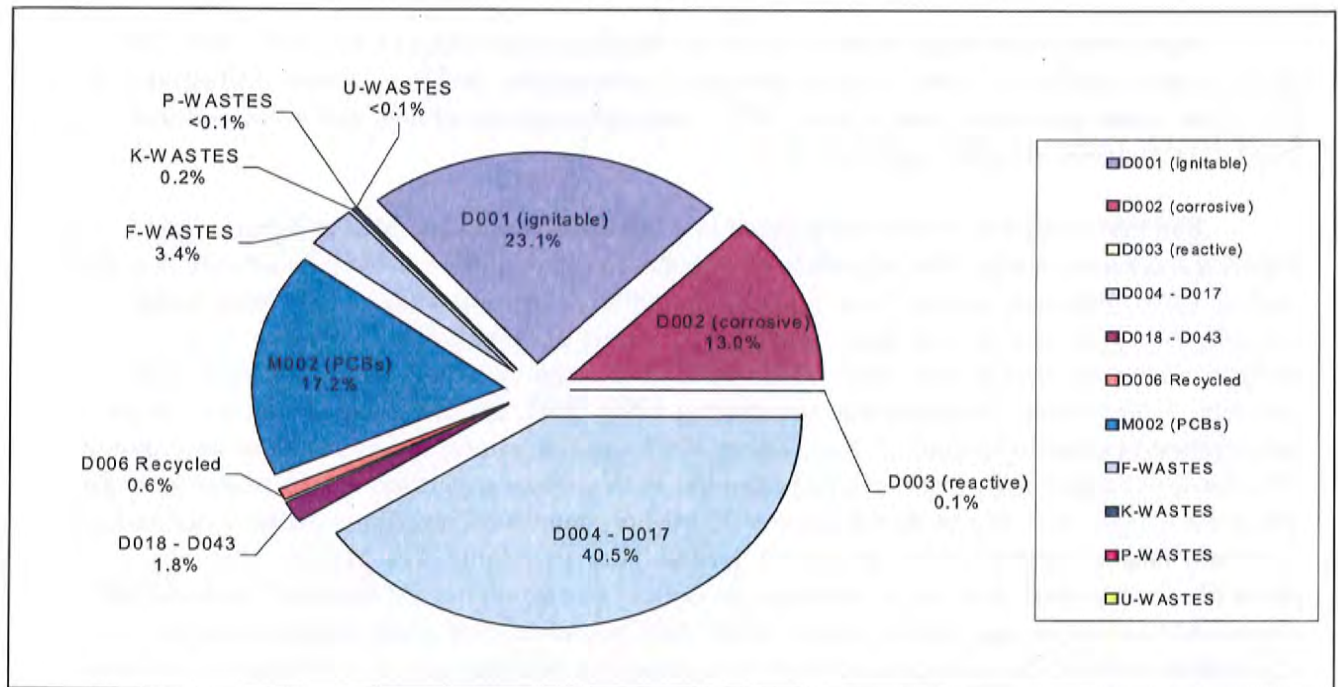
**Table 2**

**Total Quantity of Hazardous Waste Generated in 2007 and 2008 by Waste Code**

Waste Codes (Types)	Quantity in Pounds for 2007	Quantity in Pounds for 2008
D001 (Ignitable)	5,644,124	5,338,100
D002 (Corrosive)	3,173,544	2,754,677
D003 (Reactive)	15,280	36,778
D004-D017 (metals & pesticides)	9,903,064	6,954,346
D018-D043 (Federal TCLP organics)	431,286	413,244
D006 (recycled plastic with cadmium)	148,067	124,064
F-wastes (non-specific source wastes)	838,430	605,414
K-wastes (specific source wastes)	59,491	25,005
M002 (PCB's over 50 ppm)	4,197,357	949,440
P-wastes (acute wastes)	3,123	2,612
U-wastes (toxic wastes)	12,121	23,035
<b>Total</b>	<b>24,425,887</b>	<b>17,229,715</b>

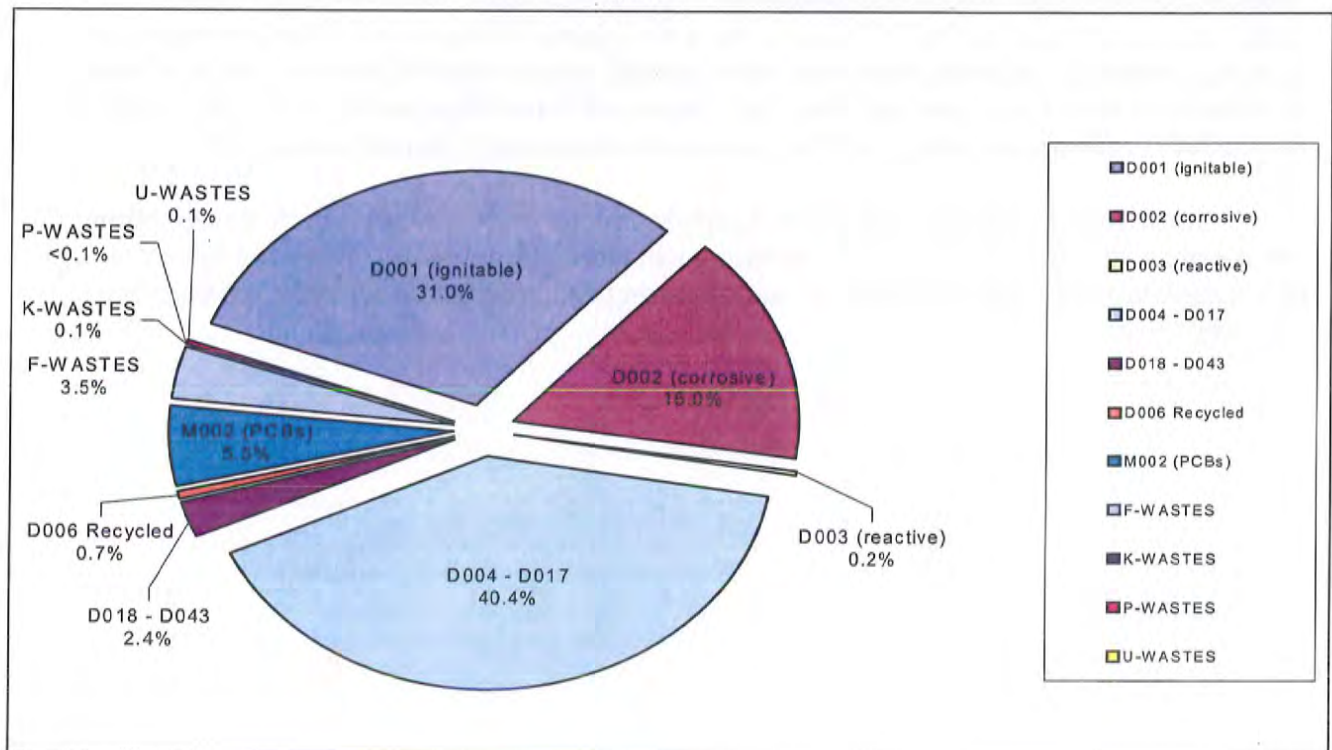
2007 Hazardous Waste by Waste Codes

Figure 3



2008 Hazardous Waste by Waste Codes

Figure 4





### **Waste Generation Trends**

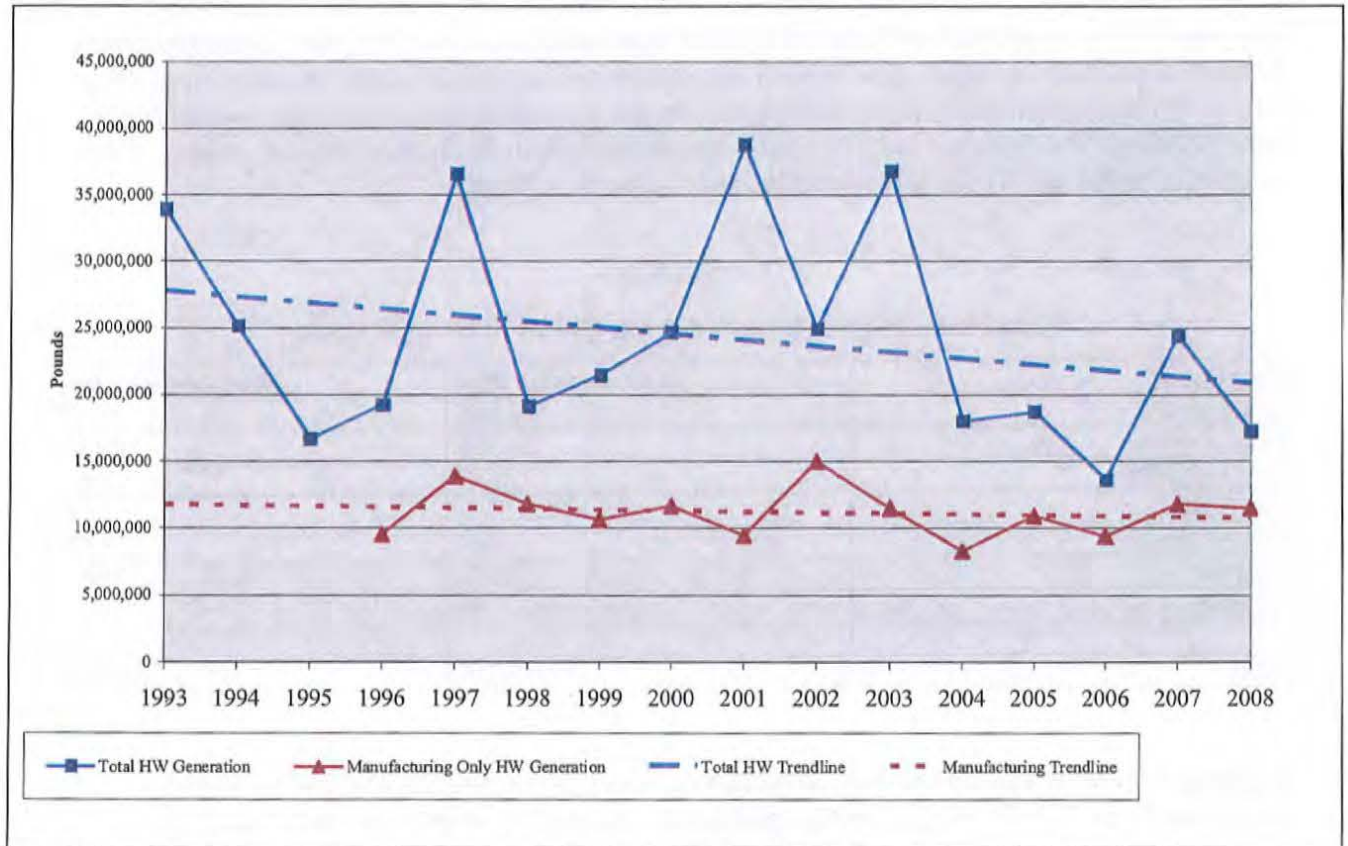
Hazardous waste trends were analyzed for SQGs and generators with permanent EPA identification numbers to assess overall generation gains and/or declines. Figure 5 illustrates the hazardous waste generation trends since 1993. Two different sets of data and corresponding trend lines are plotted in the graph below.

The first trend line is the total amount of hazardous waste generated in Maine, which includes hazardous waste from manufacturing, commercial activities, as well as remediation sites such as superfund sites, corrective action sites and other remediation sites. This trend varies considerably from year to year depending on the number of remediation/ corrective action projects underway during each year and the volume of clean-up wastes generated from such projects. For example, the peaks that occurred in 1997, 2001, and 2003 were a result of major remediation or clean-up projects. The peak in 1997 was due primarily to over 18 million pounds of hazardous remediation waste shipped from the F. O'Connor superfund site in Augusta, Maine. The peak in 2001 was due primarily to over 22 million pounds of hazardous waste removed from the Harry Smith Junkyard clean-up project in Meddybemps, Maine. The peak in 2003 was primarily the result of two major clean-up projects - one involving the Eastland Woolen Mill superfund site in Corinna, Maine, where 14,242,000 pounds of soil contaminated with the chlorinated solvent chlorobenzene (F002) were removed, and the second involving the National Semiconductor Corporation facility in South Portland, Maine where 6,654,000 pounds of soil contaminated with chlorinated and non-chlorinated solvents (F001, F002 & F003) were removed as a result of remediation activities. During this report period, in 2007, the most significant remedial action project involved approximately 3 million pounds of mercury-contaminated soils which were removed from the Holtrachem site in Orrington, Maine as part of the continuing site clean-up project. In addition, during this report period, approximately 2 million pounds of lead-contaminated wastes were removed from the Portsmouth Naval Shipyard site in Kittery, Maine during 2007, and approximately 2 million pounds of wastes were removed during 2008.

The second trend line in the graph shows hazardous waste generated from manufacturing and commercial activities since 1996, excluding site remediation wastes. This trend indicates that hazardous waste generated from all manufacturing and commercial activities has decreased very slightly since 1996.

**Hazardous Waste Generation Trends Analysis**

**Figure 5**



**Licenses and Abbreviated Licenses**

As of December 2008 there are ninety-seven (97) hazardous waste licenses currently in effect. This includes seventy-one (71) Beneficial Re-use On-site, two (2) Re-use in solid form, four (4) Treatment in Tanks, eight (8) Precious Metal Recovery, three (3) Transfer Facility, three (3) Commercial Storage (one of which closed in June 2008), one (1) Commercial Treatment and Storage, one (1) Interim License (mixed waste), two (2) Post Closure and two (2) Electronic De-manufacturing license. Thirteen (13) licenses and abbreviated licenses were issued or renewed in 2007 and eighteen (18) were issued or renewed in 2008. A complete listing of the companies by license type can be found in Appendix A.

**Import/Export Information**

**Imports:** Approximately 403,167 pounds in 2007 and 2,051,168 pounds in 2008 of hazardous waste were imported into Maine from other states for treatment or recycling. ENPRO Services of Maine (ENPRO) in South Portland, Maine was the receiving facility for over 52% of the imported hazardous waste in 2007 and 12% of the imported hazardous waste in 2008. ENPRO is fully permitted and licensed by the Department to treat gasoline and oil-contaminated water and to store hazardous waste for subsequent transport to other facilities licensed for treatment or disposal. Additionally, Portsmouth Naval Shipyard in Kittery, Maine imported hazardous waste



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from out-of-state military facilities to store for subsequent transport to facilities licensed for treatment or disposal. Portsmouth Naval Shipyard imported 1,100 pounds in 2007 and 211 pounds of hazardous waste in 2008 from out-of-state military facilities. Portsmouth Naval Shipyard is fully permitted and licensed by the Department to receive and store hazardous waste from other military facilities. See Table 3 for amounts of hazardous waste imported from other states. The amount of waste imported is based on the wastes that are deemed hazardous in the State of Maine, and does not include waste deemed hazardous in another state or country, if that waste (i.e. waste oils) is not considered hazardous waste in Maine.

**Table 3**  
**Hazardous Waste Imported from Out of State or Canada:**

State (from)	Total (pounds) 2007	Total (pounds) 2008
Connecticut	2,449	0
Massachusetts	126,966	63,539
New Hampshire	79,928	91,955
New York	0	0
Rhode Island	365	6,549
Vermont	3,611	73,986
Virginia	0	0
<b>Total</b>	<b>213,318</b>	<b>236,278</b>

**Exports:** Of the 24,426,000 pounds of hazardous waste generated and shipped by Maine generators in 2007, 95% (23,200,000 pounds) was exported to other states and Canada for treatment, storage, or disposal. Of the 17,230,000 pounds generated in Maine in 2008, 93% (16,007,000 pounds) was exported to other states and Canada. For a complete breakdown of wastes exported to other states and Canada, see Table 4.

**Table 4**  
**Maine Waste Exported to Other States/Foreign Countries**

State (to)	Total (pounds) 2007	Total (pounds) 2008
Canada	6,732,800	6,113,000
Alabama	202,200	153,600
Arkansas	128,400	316,900
Arizona	0	0
Colorado	0	416
Connecticut	722,400	516,900
Florida	237	3
Georgia	0	39,600
Idaho	0	0
Illinois	54,600	35,400
Indiana	186,800	288,500
Kansas	0	0
Kentucky	140,400	90,300
Louisiana	126	2,500
Massachusetts	938,400	509,700
Maryland	17,200	30,600
Michigan	439,100	172,100

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Nebraska	1,800	2,600
New Hampshire	4,600	44,800
New Jersey	2,274,000	1,953,700
New York	5,549,900	3,287,300
North Carolina	160,500	148,400
Ohio	1,591,200	819,300
Oklahoma	0	14,100
Pennsylvania	2,900,000	485,500
Rhode Island	397,400	217,700
South Carolina	6,700	3,900
Tennessee	113,000	88,200
Texas	13,000	9,900
Utah	23,400	9,700
Virginia	28,900	0
Vermont	172,300	459,900
Washington	0	0
Wisconsin	24,800	10,700
West Virginia	0	4,200
Total	23,193,100	16,007,000

### Maine Waste Received by Maine Treatment and Storage Facilities

In 2007, 1,445,500 pounds of hazardous waste generated in Maine and in 2008, 1,470,200 pounds of hazardous waste generated in Maine was shipped to licensed treatment or storage facilities (TSF) within the state. Safety-Kleen Corporation in Leeds, Maine received approximately 286,000 pounds in 2007 and 120,000 pounds in 2008 of this waste. Most of this waste is parts washer solvent that Safety-Kleen bulks in on-site storage tanks for shipment to an off-site treatment (reclamation) facility. It should be noted that in June of 2008 Safety-Kleen Corporation closed the Leeds, Maine facility. ENPRO Services of Maine in South Portland received approximately 1,138,500 pounds of Maine-generated waste in 2007 and 1,335,000 pounds in 2008 of Maine-generated waste consisting primarily of waste gasoline and water mixtures. Other than the gasoline-contaminated wastewater treated on-site, the remaining hazardous waste (primarily waste gasoline) received by ENPRO is ultimately sent out of state for treatment and/or disposal. Additionally, Portsmouth Naval Ship Yard, a licensed storage facility, receives hazardous and universal wastes from other military facilities (to store, bulk and subsequently ship to licensed treatment or disposal facilities) and in 2007 received approximately 21,500 pounds of hazardous waste and in 2008 received approximately 15,600 pounds of hazardous waste generated at military facilities located in Maine.

### Hazardous Waste Facilities

A listing of commercial hazardous waste facilities within the United States, based on 2007 biennial report data, is available at the Department. A copy of the list can be obtained for a fee by contacting the National Technical Information Service at (703) 487-4650 or via the Internet at no charge at: <http://www.epa.gov/osw/inforesources/data/br07/index.htm>. Subsequent to the June 2008 closure of the Safety-Kleen facility in Leeds, there are three fully licensed commercial hazardous waste facilities in Maine. They include two commercial storage facilities licensed by the Department: Central Maine Power in Augusta (for PCB wastes) and Portsmouth Naval



Shipyard in Kittery (for waste generated by military facilities); and one licensed commercial treatment and storage facility, ENPRO Services of Maine in South Portland which treats gasoline and oil-contaminated wastewaters that have the characteristic for ignitability.

### **Transporters**

Maine's hazardous waste generators are required to ship their wastes using licensed hazardous waste transporters. Transport companies apply to be licensed annually by the Department. The Department licenses the company, the conveyances, and the conveyance operators. Driver's records are reviewed. The companies, once listed, are placed on a list of licensed transporters which is available to the public. A complete list of transporters, their site and mailing addresses, and phone numbers is supplied in Appendix B and is available on the Department's web site at: <http://www.maine.gov/dep/rwm/data/pdf/activehaztrans.pdf>.

### **Universal Waste**

On January 23, 2001, the Hazardous Waste Management Rules were amended to include a category called Universal Wastes and to encourage recycling and proper management of these wastes. A universal waste is a hazardous waste that is specifically designated by the Board of Environmental Protection as a universal waste because it is widely generated. Small businesses that typically do not generate other hazardous waste do generate universal waste.

Universal wastes include mercury or lead containing lamps (Sodium Vapor, HID or fluorescent), mercury thermostats, cathode ray tubes (CRTs), non-leaking polychlorinated biphenyls (PCBs) lamp ballasts, mercury devices such as mercury thermometers and switches, mercury switches from automobiles, and certain batteries. Electronic devices containing circuit boards are also being managed as universal waste even though it is not defined in the Rules. Data on the quantities of universal waste items collected at municipally-owned central accumulation facilities, and at sites sponsored by the Rechargeable Battery Recycling Corporation (RBRC) and the Thermostat Recycling Corporation (TRC), is included in this report. This data may include household waste which meets the description of universal waste.

Universal waste shipments are tracked by either a log system, through the use of Uniform Bills of Lading (UBOLs), or reports from manufacturer take back programs. The UBOLs are entered into the Department's manifest database. Universal waste can be collected at central accumulation facilities (company or municipally owned) and commercial consolidation facilities before being shipped to a recycling facility. Universal Waste going to a recycling facility must be documented on a UBOL. The Department arrived at the numbers for this report by reviewing the manifest database, reports from the TRC and RBRC manufacturer take back programs, and reports of motor vehicle mercury switch collections from the Alliance of Automobile Manufacturers, Subaru, the Truck Manufacturers Association and the Recreational Vehicle Industry Association. Table 5 lists the number of universal waste items that were shipped for recycling or disposal from 2005 through 2008. Figures 6 and 7 show the number of items in a bar graph format. The number of lamps is depicted separately in Figure 7 because the total number of lamps vastly outnumbers all other categories. The pie charts shown in Figures 8 and 9 documents that mercury and lead containing lamps make up the largest portion of universal waste handled. Figure 10 illustrates the number of universal waste items that have been sent for recycling for the years 2003 through 2008.



## 2007 & 2008 Biennial Hazardous Waste Activities Report

On May 8, 2007 the Electronic Industries Alliance applied to the Pipeline and Hazardous Materials Safety Administration (PHMSA) of the United States Department of Transportation for a determination that certain requirements related to the transportation of cathode ray tubes (CRTs) under regulations administered by the Maine Department of Environmental Protection are preempted by the Federal Hazardous Materials Transportation Law and the Hazardous Materials Regulations. The Electronic Industries Alliance (EIA) is a trade association representing the electronics industry and other high technology industries. The EIA objected to Maine regulations concerning intact and broken CRTs. Maine regulates broken CRTs and CRT glass under its hazardous waste requirements including licensed transport and tracking requirements, because CRT glass is contaminated with lead at levels above the hazardous waste threshold for the toxicity characteristic. Maine regulates intact, unbroken CRTs under State universal waste requirements, including tracking documentation to ensure the lead-contaminated CRTs are recycled.

On May 6, 2008, the PHMSA published a public notice (73 FR 25079) inviting comments on the EIA petition. The Department, the environmental agencies of eight states, the New Hampshire Attorney General, the Association of State and Territorial Waste Management Officials, Ecomaine, and the Natural Resources Council of Maine, submitted comments in opposition of the petition. The Maine Pulp & Paper Association and the Utility Solid Waste Activities Group submitted comments supporting the petition. EIA and the Department submitted rebuttal comments.

On September 10, 2009, the PHMSA published a notice (74 FR 46644) of administrative determination of preemption. The following is the summary of its decision.

Federal hazardous material transportation law does not preempt MDEP's regulations on classification of used cathode ray tubes ("CRTs") as "universal waste" and broken CRTs and glass removed from CRTs ("CRT glass") as a State "hazardous waste" and the marking, labeling, shipping documentation, and transporter requirements, because these requirements do not apply or pertain to materials regulated under Federal hazardous materials transportation law and the HMR or otherwise constitute an obstacle to accomplishing and carrying out Federal hazardous materials transportation law and the regulations issued under that law.

A petition for judicial review of a final preemption determination can be filed with the US Court of Appeals within 60 days after the determination becomes final.



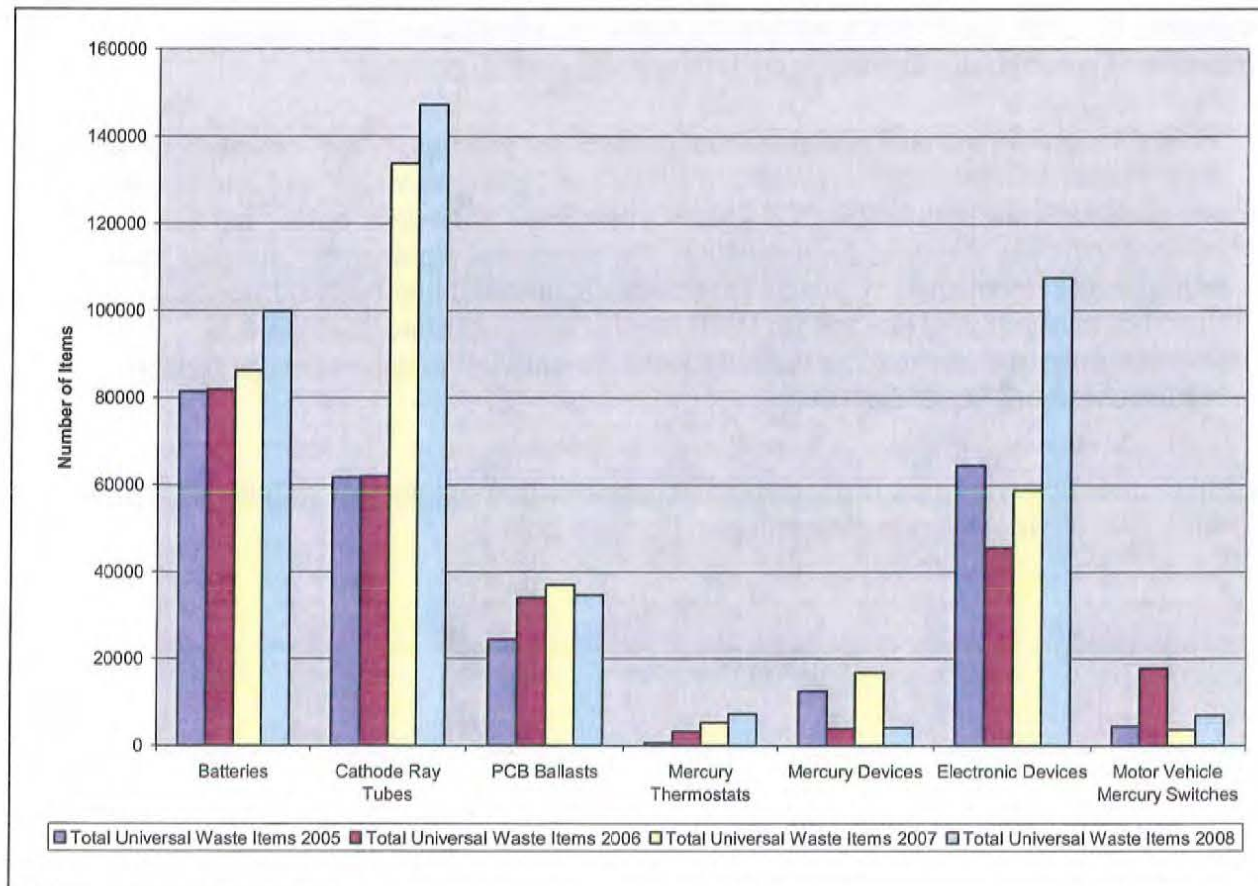
**Table 5**

**Universal Waste Items Recycled or Disposed by Type**

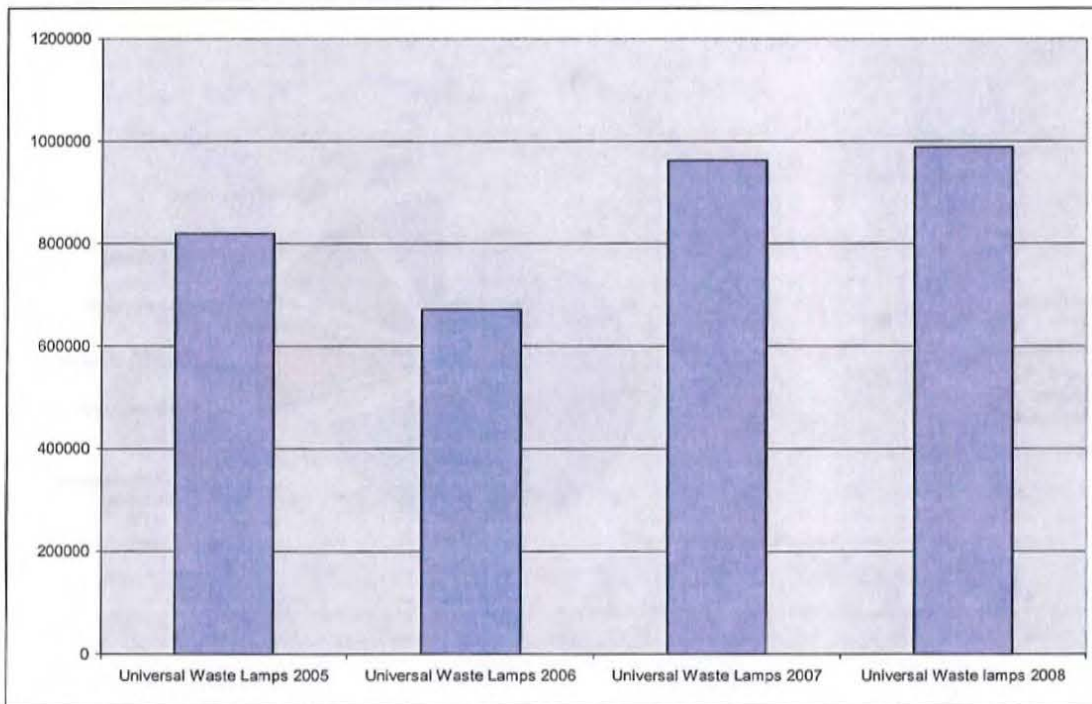
Type of Universal Waste	Total number of items in 2005	Total number of items in 2006	Total number of items in 2007	Total Number of items in 2008
Mercury or lead containing lamps	819,689	671,349	962,685	988,574
Batteries	81,461	81,892	86,266	99,940
Cathode Ray Tubes	61,799	61,997	133,811	147,254
PCB Ballasts	24,534	34,106	37,062	34,664
Mercury Thermostats	700	3,262	5,269	7,283
Mercury Devices	12,604	3,937	16,859	4,127
Motor Vehicle Switches	4,520	17,801	3,734	6,972
Electronic Devices	64,528	45,627	58,743	107,605

**Figure 6**

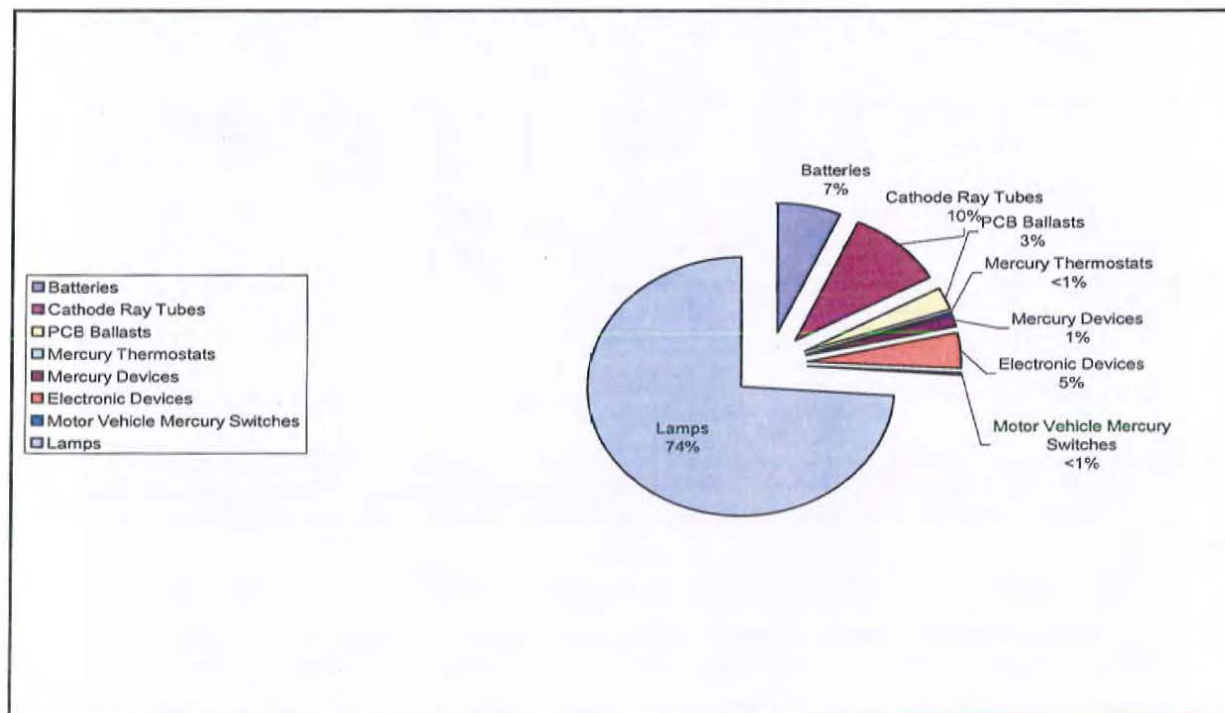
**2005 - 2008 Universal Waste Handled Excluding Lamps**



**Figure 7**  
2005 - 2008 Universal Waste Lamps Recycled

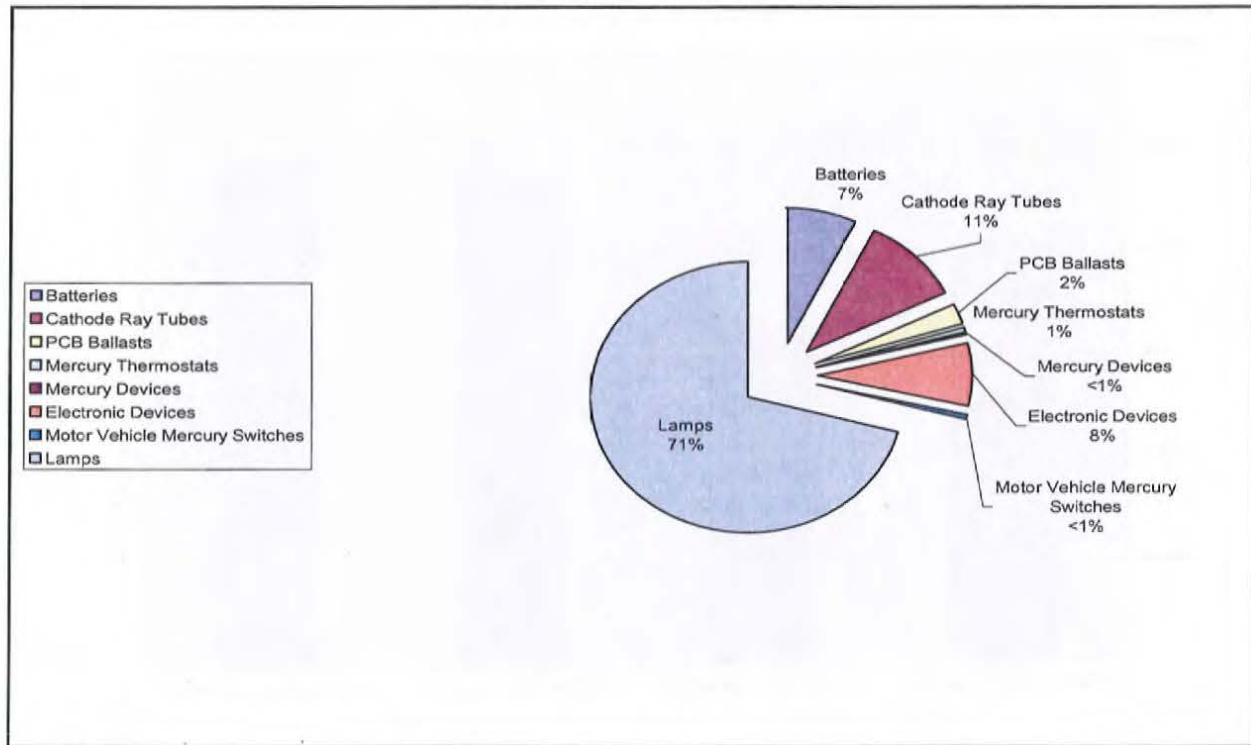


**Figure 8**  
Total Universal Waste Items in 2007

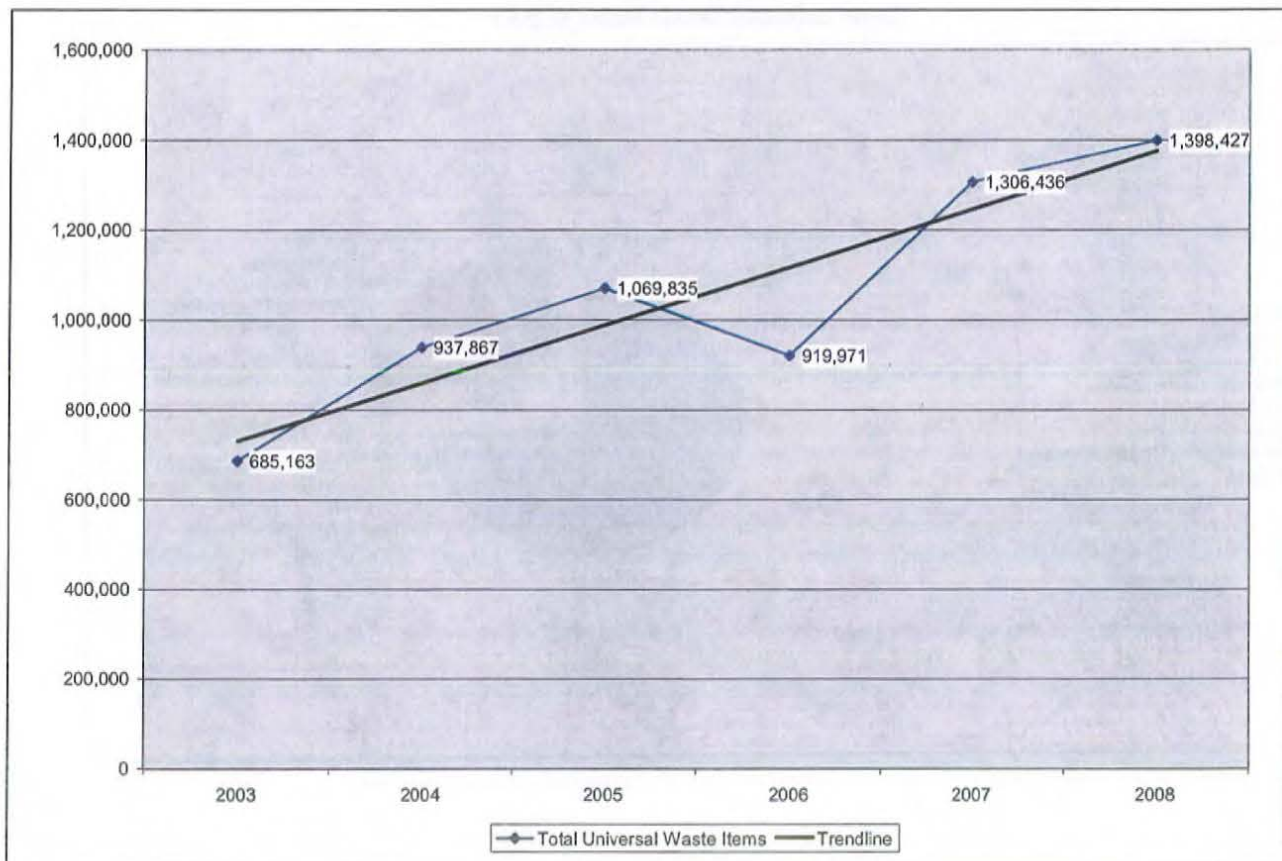




**Figure 9**  
Total Universal Waste Items in 2008



**Figure 10**  
Total Universal Waste Items



## **Appendix A**

### Licenses and Abbreviated Licenses



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000045	95	A	N	FORREST AUTOBODY	HAZARDOUS WASTE ACTIVITIES (OLD NUMBERING SYSTEM)
000017	H1	J	R	ENPRO SVCS OF MAINE, INC.	HAZ WASTE/COMMERCIAL COMBINED FAC SUBJ TO FAC DEV
000001	HA	C	A	CMP NORTH AUGUSTA SVC CTR	HW/COMMERCIAL STORAGE FAC SUBJECT TO FAC DEV
000005	HA	Q	R	PORTSMOUTH NAVAL SHIPYARD	HW/COMMERCIAL STORAGE FAC SUBJECT TO FAC DEV
000028	HA	H	R	SAFETY-KLEEN CORP.	HW/COMMERCIAL STORAGE FAC SUBJECT TO FAC DEV
000070	HG	D	M	CONTROL DEVICES, INC	HAZ WASTE/POST CLOSURE LICENSE
000153	HG	C	R	MAINE ELECTRONICS	HAZ WASTE/POST CLOSURE LICENSE
000081	HL	B	R	AROOSTOOK MEDICAL CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000129	HL	E	R	BATH IRON WORKS (HARDING FAC.)	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000130	HL	E	R	BATH IRON WORKS (EBMF)	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000015	HL	I	M	BATH IRON WORKS	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000195	HL	A	N	BESSEY MOTOR SALES	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000180	HL	C	R	BILL DODGE AUTO GROUP	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000215	HL	A	N	BRADLEYBOAT, INC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000038	HL	D	R	BROADWAY COLLISION CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000193	HL	A	N	BROWN PONTIAC/OLDSMOBILE	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000082	HL	D	R	CARON'S COLLISION REPAIR CTR.	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000226	HL	A	N	CENTRAL MAINE MEDICAL CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000218	HL	A	N	CHARLIES COLLISION CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000013	HL	H	R	CIANBRO FABRICATION & COATING	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000201	HL	A	N	CITYSIDE COLLISION CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000080	HL	C	R	CIVES STEEL, NE DIVISION	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000152	HL	C	R	CMP PORTLAND SVC CTR	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000177	HL	B	R	COLEMAN'S COLLISION CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000241	HL	A	N	COLLETTE'S BODY SHOP	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000155	HL	E	R	CYRO INDUSTRIES	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000206	HL	B	R	DAHL-CHASE DIAGNOSTIC SVCS	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000061	HL	A	N	DAIGLE AND HOUGHTON, INC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000145	HL	D	R	DARLINGS COLLISION CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000189	HL	A	N	DASCO SIGNS	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000188	HL	B	R	DUTCH CHEVY-OLDS-BUICK-PONTIAC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000165	HL	C	R	FERN'S BODY SHOP	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000234	HL	A	N	GENERAL DYNAMICS ARMAMENT & TE	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000184	HL	B	R	GOODWIN CHEVROLET-BUICK-PONTIA	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000181	HL	B	R	HEWITTS SPECIAL INTEREST AUTO	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE



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000170	HL	B	R	HEWS COMPANY	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000230	HL	A	N	IMAGINEERING INC D/B/A WEATHER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000037	HL	D	R	IRVING TANNING CO, ANNEX FAC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000068	HL	B	N	JACKSON LABORATORY	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000238	HL	A	N	KINGFIELD WOOD PRODUCTS	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000248	HL	A	N	LAKES REGION IMPORTS	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000190	HL	B	R	LEE NISSAN	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000123	HL	C	R	LOCKARD'S COLLISION CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000214	HL	A	N	LYMAN MORSE BOATBUILDING	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000213	HL	A	N	MAINE GENERAL MEDICAL CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000023	HL	B	R	MAINE MEDICAL CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000157	HL	D	R	MASTERS MACHINE	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000171	HL	B	R	MAURICE & SON AUTO BODY SHOP	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000247	HL	A	N	MERCY HOSPITAL	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000245	HL	A	N	NEWPORT INDUSTRIAL FABRICATION	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000187	HL	B	A	NORDX	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000217	HL	A	N	O'CONNER GMC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000104	HL	D	R	OLD TOWN CANOE CO	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000203	HL	B	R	OXFORD HILLS TECHNICAL SCHOOL	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000033	HL	D	R	PERFORMANCE PRODUCT PAINTING	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000243	HL	A	N	PORTLAND COLLISION INC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000005	HL	P	N	PORTSMOUTH NAVAL SHIPYARD	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000057	HL	C	N	REED'S AUTO BODY INC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000192	HL	B	R	RIPLEY & FLETCHER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000160	HL	B	R	ROWE FORD SALES	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000229	HL	A	N	RP BELL COLLISION CENTER INC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000022	HL	E	R	SABRE CORP.	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000259	HL	A	N	SEACOAST AUTO BODY	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000220	HL	A	N	SHEPARD MOTORS	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000174	HL	A	N	SPRAY MAINE	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000233	HL	A	N	ST MARY'S REGIONAL MEDICAL CTR	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000211	HL	A	N	TIBBETTS REFINISHING INC	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000166	HL	A	N	VAILLANCOURT AUTO BODY	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000062	HL	H	R	VERSO PAPER - ANDROSCOGGIN MIL	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000199	HL	B	R	WAUSAU-MOSINEE PAPER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000156	HL	B	R	WEIR'S MOTOR SALES	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE



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000161	HL	A	N	WHITED FORD TRUCK CENTER	ABBREVIATED LICENSE, BENEFICIAL REUSE ON-SITE
000182	HN	D	N	GAC CHEMICAL CORP	ABBREVIATED LIC ELEMENTARY NEUTRALIZATION(SEE ALSO TYPE RE)
000032	HR	F	R	CLEAN HARBORS	ABBREVIATED LICENSE, TRANSFER FACILITY
000017	HR	J	R	ENPRO SVCS OF MAINE, INC.	ABBREVIATED LICENSE, TRANSFER FACILITY
000017	HR	L	M	ENPRO SVCS OF MAINE, INC.	ABBREVIATED LICENSE, TRANSFER FACILITY
000250	HR	A	N	ENVIRONMENTAL PROJECTS INC	ABBREVIATED LICENSE, TRANSFER FACILITY
000236	HT	A	N	BANGOR PHOTO, INC.	ABBREVIATED LICENSE, PRECIOUS METAL RECOVERY UNIT
000223	HT	A	N	BATES COLLEGE	ABBREVIATED LICENSE, PRECIOUS METAL RECOVERY UNIT
000222	HT	A	N	MAINE COLLEGE OF ART	ABBREVIATED LICENSE, PRECIOUS METAL RECOVERY UNIT
000172	HT	C	R	MAINE PHOTO WRKSHOP-HOMESTEAD	ABBREVIATED LICENSE, PRECIOUS METAL RECOVERY UNIT
000169	HT	A	N	PORTLAND PHOTOGRAPHICS	ABBREVIATED LICENSE, PRECIOUS METAL RECOVERY UNIT
000209	HT	A	N	UNIVERSITY OF NEW ENGLAND	ABBREVIATED LICENSE, PRECIOUS METAL RECOVERY UNIT
000208	HT	A	N	UNIVERSITY OF SOUTHERN MAINE	ABBREVIATED LICENSE, PRECIOUS METAL RECOVERY UNIT
000237	HT	A	N	WILLIAM ARTHUR INC	ABBREVIATED LICENSE, PRECIOUS METAL RECOVERY UNIT
000036	HV	F	R	MONSON COMPANIES	ABBREVIATED LICENSE, OTHER FAC. TREAT IN TANK
000085	HV	C	R	NAUTEL MAINE, INC	ABBREVIATED LICENSE, OTHER FAC. TREAT IN TANK
000007	HV	F	R	SERMATECH	ABBREVIATED LICENSE, OTHER FAC. TREAT IN TANK
000202	RA	B	R	MAINE RS-MAINTENANCE CTR	ABBREVIATED LICENSE RE-USE OF HAZ WASTE IN SOLID FORM
000007	RA	E	A	SERMATECH	ABBREVIATED LICENSE RE-USE OF HAZ WASTE IN SOLID FORM
000239	RB	A	N	ENVIRON SERVICES, INC.	ABBREVIATED LICENSE FOR ELECTRONICS DEMANUFACTURING FACILITY
000249	RB	A	N	SKILL'S INC RECYCLING CENTER	ABBREVIATED LICENSE FOR ELECTRONICS DEMANUFACTURING FACILITY

## **Appendix B**

### Active Hazardous Waste Transporters



## Active Hazardous Waste Transporters

ID #	COMPANY NAME	MAIL ADDRESS	CITY	STATE	ZIP	EXPIRATION
H411 W109	21ST CENTURY ENVIRONMENTAL MGT	275 ALLENS AVE	PROVIDENCE	RI	02905	02/26/2010
H042	ADVANCED POLLUTION CONTROL COR	120 HIGH ST	BRIDGEWATER	MA	02324	01/27/2010
H448 W448	ALLSTATE POWER VAC	928 EAST HAZELWOOD AVE	RAHWAY	NJ	07065	06/01/2010
H501	ALPINE ENVIRONMENTAL SERVICES LLC	425 SO CHERRY STREET	WALLINGFORD	CT	06492	02/26/2010
H417 W115	AMERITECH ENVIRONMENTAL SVC	PO BOX 539 93 DOW HIGHWAY	ELIOT	ME	03903	02/02/2010
H325 W038	ASHLAND CHEMICAL CO	PO BOX 1300	BINGHAMTON	NY	13902	10/27/2009
H503	AUTOBODY SOLVENT RECOVERY CORP	180 CANAL STREET 5TH FLOOR	BOSTON	MA	02114	03/08/2010
H499 W499	B & D ASSOCIATES INC	PO BOX 1076	GRANTHAM	NH	03753	11/16/2009
H312 W035	BED ROCK INC D/B/A TRI-STATE MOTOR	PO BOX 113	JOPLIN	MO	64802	07/25/2010
H495 W495	BOOM TECHNOLOGY INC	45 NEWELL STREET	GORHAM	ME	04038	01/27/2010
H510 W510	BOSTON GREEN FUEL CO INC	201 MAQUAN STREET	HANSON	MA	02341	06/10/2010
H330	BUFFALO FUEL CORP	4870 PACKARD RD	NIAGARA FALLS	NY	14304	12/13/2009
H412 W110	CAB SERVICES INC	PO BOX 8	DOVER	NH	03821	04/23/2010
H258	CENTRAL MAINE POWER CO	83 EDISON DR	AUGUSTA	ME	04336	04/25/2010
H105 W001	CLEAN HARBORS ENVIRONMENTAL SERVICE	PO BOX 9149	NORWELL	MA	02061	06/07/2010
H425	CLEAN VENTURE INC	201 SOUTH FIRST ST	ELIZABETH	NJ	07206	04/25/2010
H457 W457	CORPORATE ENVIRONMENTAL ADVISORS INC	127 HARTWELL ST	WEST BOYLSTON	MA	01583	12/26/2009
H283 W004	CYN OIL CORPORATION	PO BOX 119	STOUGHTON	MA	02072	06/02/2010
H480 W480	EARTH PROTECTION SERVICES INC	PO BOX 23820	PHOENIX	AZ	85063	09/11/2009
H479 W479	EARTH TECHNOLOGY II LLC	PO BOX 338	NORTH HAVEN	CT	06473	05/23/2010
H248 W248	ENPRO SVC INC	12 MULLIKEN WAY	NEWBURYPORT	MA	01950	03/30/2010
H408 W106	ENVIRITE OF PENNSYLVANIA INC	730 VOGELSONG RD	YORK	PA	17404	01/13/2010
H455 W455	ENVIRONMENTAL PRODUCTS & SVS OF VT INC	PO BOX 315	SYRACUSE	NY	13209	11/27/2009
H446 W446	ENVIRONMENTAL PROJECTS INC	PO BOX 1417	AUBURN	ME	04211	04/14/2010
H454 W454	ENVIROSERVE, J.V.	5502 SCHAAF RD	CLEVELAND	OH	44131	10/24/2009
H029 W072	EQ NORTHEAST INC	PO BOX 617	WRENTHAM	MA	02093	04/12/2010
H311 W311	FRANKS VACUUM TRUCK SVC	4500 ROYAL AVE	NIAGARA FALLS	NY	14303	07/06/2010

### Active Hazardous Waste Transporters

ID #	COMPANY NAME	MAIL ADDRESS	CITY	STATE	ZIP	EXPIRATION
H047 W047	FREEHOLD CARTAGE INC	PO BOX 5010	FREEHOLD	NJ	07728	11/28/2009
H476	GLOBAL REMEDIATION SERVICES INC	1 WESTINGHOUSE PLAZA	BOSTON	MA	02137	03/22/2010
H500	GOULET TRUCKING INC	PO BOX 259	SOUTH DEERFIELD	MA	01373	01/03/2010
H086	HAZMAT ENVIRONMENTAL GROUP INC	60 COMMERCE DR	BUFFALO	NY	14218	10/05/2010
W498	HEARTLAND PETROLEUM LLC	4560 WEST PIKE	ZANESVILLE	OH	43702	10/26/2009
H493 W493	HERITAGE CRYSTAL CLEAN LLC	2175 POINT BLVD SUITE 375	ELGIN	IL	60123	01/31/2010
H422	HERITAGE TRANSPORT	7901 W MORRIS ST	INDIANAPOLIS	IN	46231	05/22/2010
H472 W472	HITTMAN TRANSPORT SERVICES	628 GALLAHER RD	KINGSTON	TN	37763	10/06/2010
W435	HO BOUCHARD INC	PO BOX 249	HAMPDEN	ME	04444	06/29/2010
W501	JANUARY TRANSPORT INC	2701 SOUTH PROSPECT	OKLAHOMA CITY	OK	73129	02/08/2010
H038	JB SILVA	61 NICHOLS ST	DANVERS	MA	01923	08/12/2010
H489 W489	LAIDLAW CARRIERS BULK GP INC	1179 RIDGEWAY ROAD	WOODSTOCK,	PQ	N4S 8P6	12/04/2009
W496	MAINE DEPARTMENT OF TRANSPORTATION	SHS 16	AUGUSTA	ME	04333	05/18/2010
H410 W114	MAINE LABPACK INC	248 PREBLE ST	S PORTLAND	ME	04106	02/11/2010
H421 W421	MAUMEE EXPRESS INC	PO BOX 278	SOMERVILLE	NJ	08876	03/26/2010
H430	MAXYMILLIAN TECHNOLOGIES INC	1801 E ST	PITTSFIELD	MA	01201	01/22/2010
H428 W428	MORAN ENVIRONMENTAL RECOVERY	75D YORK AVE	RANDOLPH	MA	02368	12/17/2009
H504 W504	N & D TRANSPORTATION CO INC	PO BOX 919	SLATERSVILLE	RI	02896	03/28/2010
H473	NATIONAL WASTE MANAGEMENT	362 PUTNAM HILL RD	SUTTON	MA	01590	02/01/2010
H423	NEW ENGLAND DISPOSAL TECH	83 GILMORE DRIVE	SUTTON	MA	01590	05/20/2010
H378 W093	OIL ENERGY RECOVERY INC	PO BOX 492	STOW	MA	01775	07/25/2010
H484	OP-TECH ENVIRONMENTAL SERVICES	6392 DEERE RD	SYRACUSE	NY	13206	01/09/2010
H513 W513	ORGO COMPANY INC	26 TOWN FOREST ROAD	WEBSTER	MA	01570	08/20/2010
H354 W354	PAGE E T C INC	PO BOX 1290	WEEDSPORT	NY	13166	04/09/2010
H512 W512	PORTSMOUTH NAVAL SHIPYARD	CODE 106.3 BLDG 44	PORTSMOUTH	NH	03904	08/05/2010
H150	PRICE TRUCKING CORP	67 BEACON ST	BUFFALO	NY	14220	08/05/2010
H474	R & R TRUCKING INCORPORATED	PO BOX 545	DUENWEG	MO	64841	07/07/2010



**Active Hazardous Waste Transporters**

ID #	COMPANY NAME	MAIL ADDRESS	CITY	STATE	ZIP	EXPIRATION
H469	RADIAC RESEARCH CORP	261 KENT AVE	BROOKLYN	NY	11211	12/20/2009
H502 W502	ROBBIE D WOOD INC	PO BOX 125	DOLOMITE	AL	35061	03/01/2010
H345	RST INDUSTRIES LTD	PO BOX 1316	ST JOHN	NB	E2LAH8	03/24/2010
H064 W111	S J TRANSPORTATION CO	PO BOX 169	WOODSTOWN	NJ	08098	04/09/2010
H040 W100	SAFETY KLEEN SYSTEMS INC	5400 LEGACY DR CLUSTER II B3-	PLANO	TX	75024	03/31/2010
H467	SET ENVIRONMENTAL INC	450 SUMAC RD	WHEELING	IL	60090	10/25/2009
H508 W508	SOUTH PARK MOTOR LINES INC	9850 HAUANA STREET	HENDERSON	CO	80640	10/23/2009
H161	ST JOSEPH MOTOR LINES	PO BOX 5	WOODLAND	PA	16881	06/01/2010
H511 W511	ST LAWRENCE & ATLANTIC RAILROAD	415 RODMAN ROAD	AUBURN	ME	04210	06/22/2010
H465 W465	T F BOYLE TRANSPORTATION	15 RIVERHURST RD	BILLERICA	MA	01821	07/25/2010
H394 W094	TCI OF NY LLC	39 FALLS RD INDUSTRIAL PK	HUDSON	NY	12534	02/24/2010
H494 W494	TMC SERVICES INC	ONE WILLIAM WAY	BELLINGHAM	MA	02019	06/02/2010
H034 W034	TONAWANDA TANK TRANSPORT SVC	PO BOX H	BUFFALO	NY	14217	07/08/2010
H145 W145	TRANSFORMER SERVICES INC	PO BOX 1077	CONCORD	NH	03302	10/31/2009
H409 W107	TRANSPORT ROLLEX LTEE	910 LIONEL BOULET	VARENNES QUEBEC	PQ	J3X 1P7	01/28/2010
H431 W431	TRIAD TRANSPORT INC	PO BOX 818	MCALESTER	OK	74501	03/23/2010
H507 W507	TRIUMVIRATE ENVIRONMENTAL	61 INNER BELT ROAD	SOMERVILLE	MA	02143	04/17/2010
H351 W351	UNITED INDUSTRIAL SERVICES DIV OF UNITED	47 GRACEY AVENUE	MERIDEN	CT	06450	01/29/2010
H440 W440	UNIVAR USA INC	PO BOX 730 COLONIAL RD	SALEM	MA	01970	01/04/2010
H363	US BULK TRANSPORT INC	205 PENNBRIAR AVE	ERIE	PA	16509	03/02/2010
H400 W425	VEOLIA ES TECHNICAL SOLUTIONS LLC	1 EDEN LANE	FLANDERS	NJ	07836	12/05/2009
H509 W509	WASTE MANAGEMENT UNIVERSAL	PO BOX 18330	PHOENIX	AZ	85005	11/06/2009
H368 W074	WEAVERTOWN TRANSPORT LEASING	201 SOUTH JOHNSON RD	HOUSTON	PA	15342	07/22/2010
W478	WENTWORTH GREENHOUSES INC D/B/A	141 ROLLINS RD	ROLLINSFORD	NH	03869	04/29/2010
H376 W376	WEST CENTRAL ENVIRONMENTAL COR	PO BOX 83	RENSSELAER	NY	12144	05/19/2010
H377 W080	WESTERN OIL INC	PO BOX 518	LINCOLN	RI	02865	06/02/2010