

# College & University Hazardous Waste Market Overview

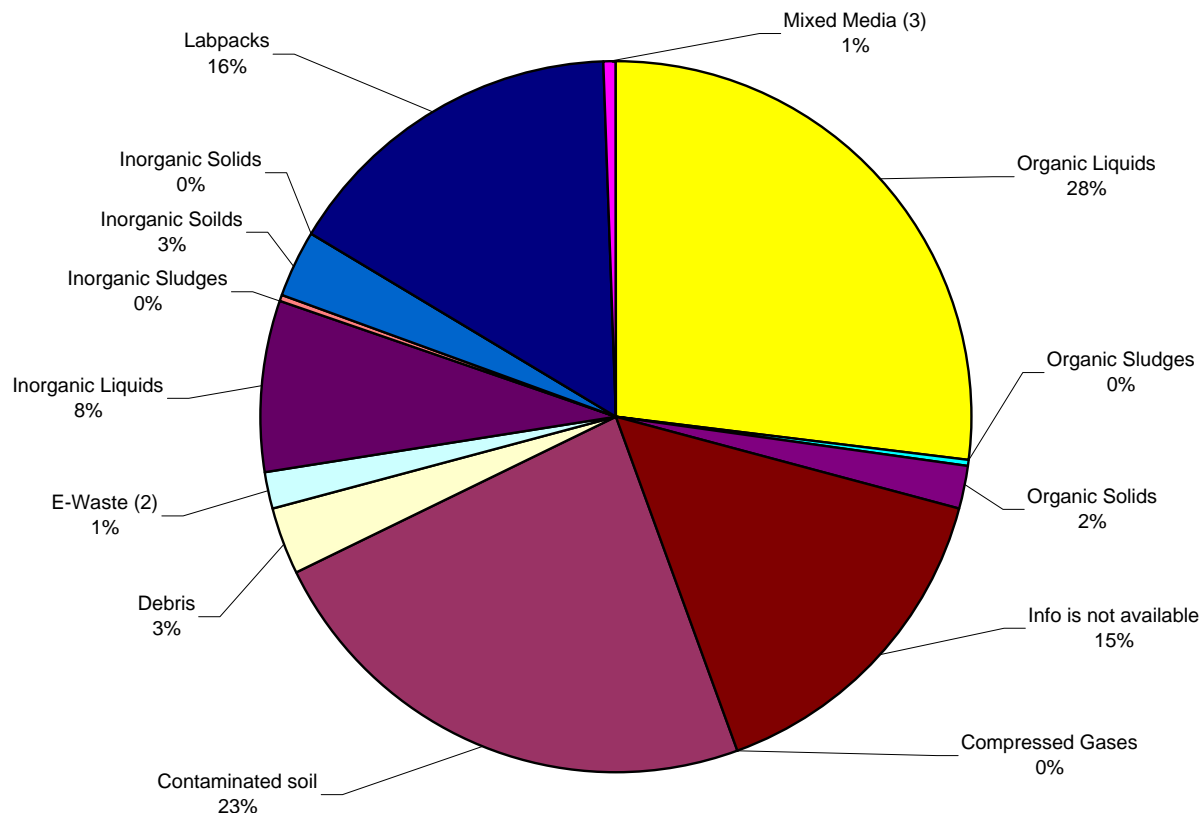
	LQGs		SQGs and CESQGs		Total # of Generators		
Number of Waste Generators	412		1,380		1,792		
	LQGs	SQGs and CESQGs	Totals		Estimate Turnkey Disposal Cost per Pound <sup>(1)</sup>	Estimate Market Value	Percentage
	Hazardous Waste Managed Offsite in Tons	Hazardous Waste Managed Offsite in Tons	Hazardous Waste Managed Offsite in Tons	Percentage			
Compressed Gases	9.3	5.4	14.7	0.1%	\$ 5.00	\$ 146,974	1.1%
Contaminated soil	3,370.3	94.2	3,464.5	23.1%	\$ 0.25	\$ 1,732,246	12.4%
Debris	489.0	6.1	495.1	3.3%	\$ 0.75	\$ 742,633	5.3%
E-Waste <sup>(2)</sup>	183.6	33.3	216.9	1.4%	\$ 0.75	\$ 325,397	2.3%
Inorganic Liquids	940.5	251.9	1,192.4	8.0%	\$ 0.75	\$ 1,788,545	12.8%
Inorganic Sludges	31.7	4.3	36.0	0.2%	\$ 0.75	\$ 54,025	0.4%
Inorganic Soilds	354.7	96.2	450.9	3.0%	\$ 0.75	\$ 676,352	4.9%
Inorganic Solids	0.0	0.0	0.1	0.0%	\$ 0.75	\$ 97	0.0%
Labpacks	1,882.1	496.7	2,378.7	15.9%	\$ 1.75	\$ 8,325,606	59.7%
Mixed Media <sup>(3)</sup>	81.5	14.2	95.6	0.6%	\$ 0.75	\$ 143,452	1.0%
Organic Liquids	3,297.7	729.1	4,026.9	26.9%	\$ 0.50	\$ 4,026,868	28.9%
Organic Sludges	31.8	9.9	41.7	0.3%	\$ 1.00	\$ 83,453	0.6%
Organic Solids	238.5	38.9	277.4	1.9%	\$ 1.00	\$ 554,806	4.0%
Info is not available	1,336.9	958.5	2,295.4	15.3%	\$ 1.00	\$ 4,590,761	32.9%
<b>Totals</b>	<b>12,247.7</b>	<b>2,738.6</b>	<b>14,986.3</b>		<b>\$ 0.46</b>	<b>\$ 13,935,327</b>	

<sup>(1)</sup> Estimate for Turnkey Disposal Cost includes all cost to vendor (disposal, labor, supplies, transportation, etc.) for disposal of hazardous waste as define by EPA

<sup>(2)</sup> E-waste includes electronic waste like CRTs that were managed as hazardous waste

<sup>(3)</sup> Mixed media includes waste like batteries and filters that were managed as hazardous waste

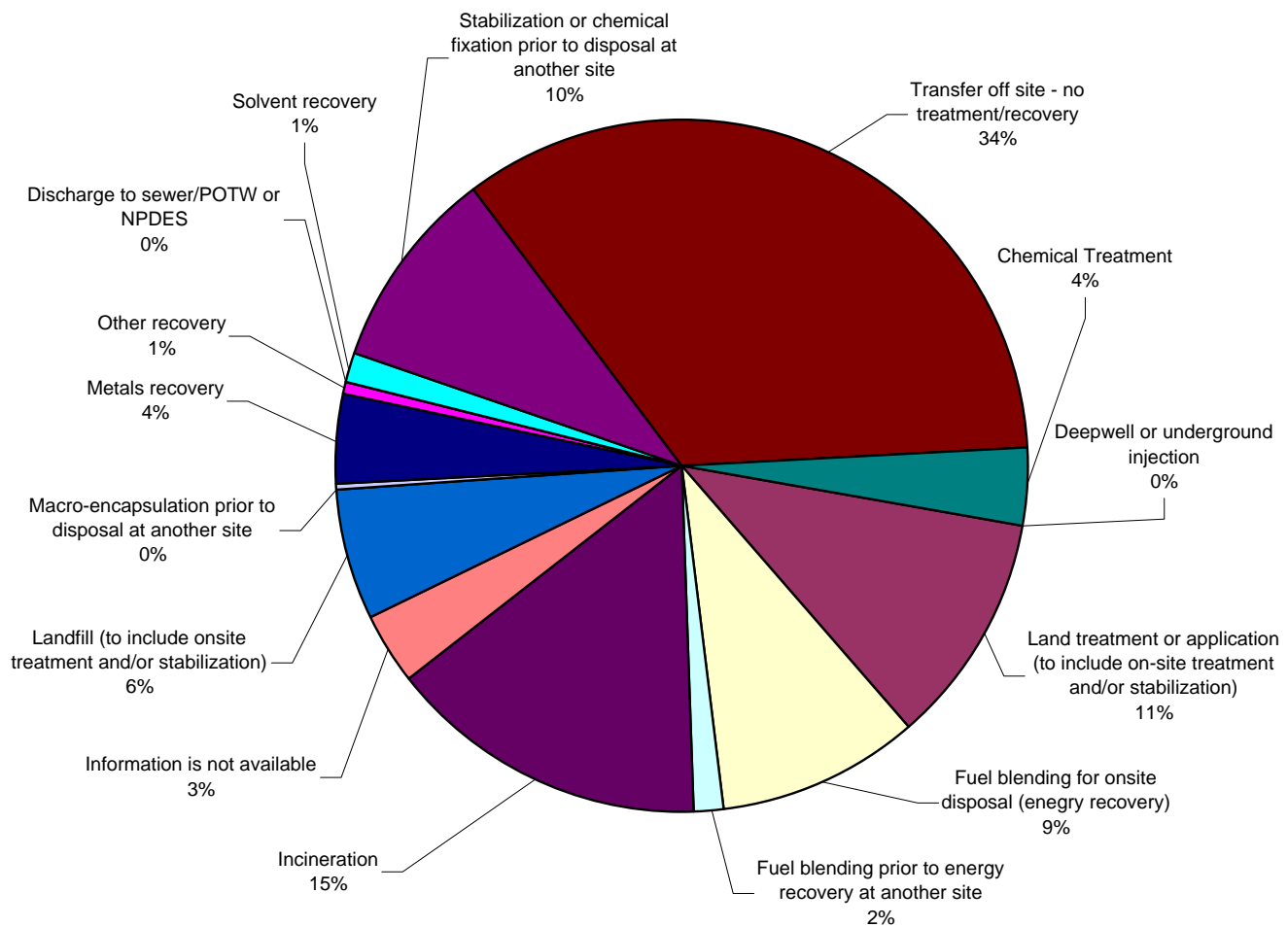
## Types of Hazardous Waste Managed Offsite for Colleges & Universities



per 2001 EPA Biennial Hazardous Waste Report

# College & University Hazardous Waste Market Overview

## Offsite Management of Hazardous Waste for Colleges & Universities



per 2001 EPA Biennial Hazardous Waste Report

## Partial List of Past Conference Participants

ABS Consulting	GZA GeoEnvironmental, Inc.	South Dakota State University	University of Nevada, Reno
ADOA	Halloran & Sage, LLP	Southern Illinois University	University of New England
AGEISS Environmental, INC	Hamilton College	Stanford University	University of New Mexico
Alabama A&M University	Harvard University	State University of New York at Geneseo	University of North Carolina
Arizona State University	Hastings College	SUNY/Binghamton University	University of North Dakota
Arkansas State University	Hawkeye Community College	Syracuse University	University of Northern Iowa
Army Corps of Engineers	Heat Treatment Services	Taiwan-EPA, Bureau of Solid Waste	University of Notre Dame
Ashland University	Heritage Environmental Services, LLC	Texas A&M University	University of Oklahoma
Auburn University	HMTRI/Kirkwood Community College	Texas Tech University	University of Oregon
Auraria Higher Education Center	HTR-Group	The Catholic University of America	University of Pennsylvania
Baylor College of Medicine	Idaho State University	The Forrester Group, Inc.	University of Rhode Island
Baylor University	Indiana State University	The National Institute of Health	University of Rochester
Binghamton University	Indiana University	The Rockefeller University	University of Sonora
Black Hawk College	Indiana University Southeast Police Dept.	The State University of New York	University of South Florida
Boise State University	Indiana University-Purdue University	TIER DE, Inc.	University of Texas
Boston College	Integrated Environmental Services, Inc.	Transportation Security Administration	University of Texas at Austin
Boston University	Iowa Lakes Community College	Treatment One, SET Environmental, Inc.	University of Texas System
Bowling Green State University	Iowa State University	Trinity College	University of Texas, Medical Branch
Bozad Engineering Investment	Iowa Valley Community College District	Tufts University	University of the South
Bridgewater State College	Iowa Waste Reduction Center	Tulane University	University of Toledo
Brigham Young University	Johns Hopkins University	UC Riverside-EH&S	University of Utah
Brown & Caldwell	Johns Hopkins University School of Medicine	UNC-Chapel Hill	University of Virginia
California Institute of Technology	Kansas State University	Union College	University of Washington
California State University	Kettering University	United States Department of Transportation	University of West Florida
California State University, Dominguez Hills	Kroll Associates	United States Environmental Protection Agency	University of Wisconsin
Carnegie Mellon University	Louisiana State University	United States Merchant Marine Academy	University of Wyoming
Catholic University of America	Louisiana Tech University	Univ. of Colorado Health Sciences Center	URS Corporation
Central Missouri State University	Loyola University-New Orleans	University of Akron	US Liquids, Inc.
Chart Industries, Inc.	Luther College	University of Alabama at Birmingham	USDA, ARS, MWA, NADC
Clean Harbors Environmental Services, Inc.	Maharishi University of Management	University of Alaska	Utah State University
Coe College	Maricopa County Community College	University of Arizona	Vanderbilt University
Colgate University	Massachusetts Institute of Technology	University of British Columbia	Vertere
College of the Ozarks	Memorial Hospital	University of Buffalo	Victoria Justus & Associates
Colorado College	Miami University of Ohio	University of Calgary	Virginia Tech
Colorado Dept. of Public Health & Environmental	Michigan State University	University of California	VWR Safety
Colorado School Of Mines	Mississippi State University	University of Colorado	Wartburg College
Colorado State University	Mount Mercy College	University of Connecticut	Washington State University
Colorado State University at Pueblo	Nebraska Environmental Quality	University of Delaware	Washington University
Columbia University	New Mexico State University	University of Florida	Weill Cornell Medical College
Concordia University	Northern Illinois University	University of Georgia	Wesleyan University
Cornell University	Northwest Missouri State University	University of Illinois	West Chester University
Creighton University	Northwestern College	University of Illinois at Chicago	West Liberty State College
Des Moines Area Community College	Northwestern University	University of Illinois at Urbana-Champaign	Western Kentucky University
Des Moines University	Onyx Environmental Services, LLC	University of Iowa	Western Michigan University
Disposal Consultant Services	Park University	University of Irvine	Western Nebraska Community College
Dordt College	Pennsylvania State University	University of Kansas	Westminster College
Drake University	Pima Community College	University of Louisville	Williams College
Duke University	Pollution Control Industries	University of Mary Hardin-Baylor	Woodard & Curran
Duke University & Medical Center	Portland State University	University of Maryland	WR2, Waste Reduction, Inc.
Duquesne University	PRIZIM, INC	University of Maryland at Baltimore	Wright State University
Earth Protection Service, Inc.	Rechargeable Battery Recycling Corp (RBRC)	University of Massachusetts	Yale University
Eastern CT State University	Rockefeller University	University of Memphis	
Eastern Illinois University	Rutgers University	University of Miami	
Eastern Iowa Community College District	Rutgers University-EH&S	University of Minnesota	
Five Woods International	SAIC-Frederick	University of Minnesota - Morris	
Florida Atlantic University	Saint John's University/College of St. Benedict	University of Minnesota-Crookston	
Florida State University	Saint Louis University	University of Missouri	
Georgetown University	Saint Mary's College	University of Missouri at Columbia	
Global Chemical Data	San Diego State University	South Dakota State University	
Gonzaga University	Seattle University	University of Nevada Las Vegas	

Main entrance and conference registration desk. First floor Statler Hotel

