

Utah Hazardous Waste Generation and Management 2005



Utah Department of Environmental Quality Division of Solid and Hazardous Waste

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INTRODUCTION

This report is prepared by the Utah Department of Environmental Quality's Division of Solid and Hazardous Waste. Information is provided by Utah's large quantity hazardous waste generators (LQGs) and treatment, storage and disposal facilities (TSDs). The federal rules issued under the Resource Conservation and Recovery Act (RCRA) and the Utah Hazardous Waste Management Rules require that all hazardous waste LQGs and TSDs submit a report every two years, via the Biennial Reporting System (BRS). A year or more may be required to evaluate these data at both the state and federal levels before they are available for publication.

GENERATION

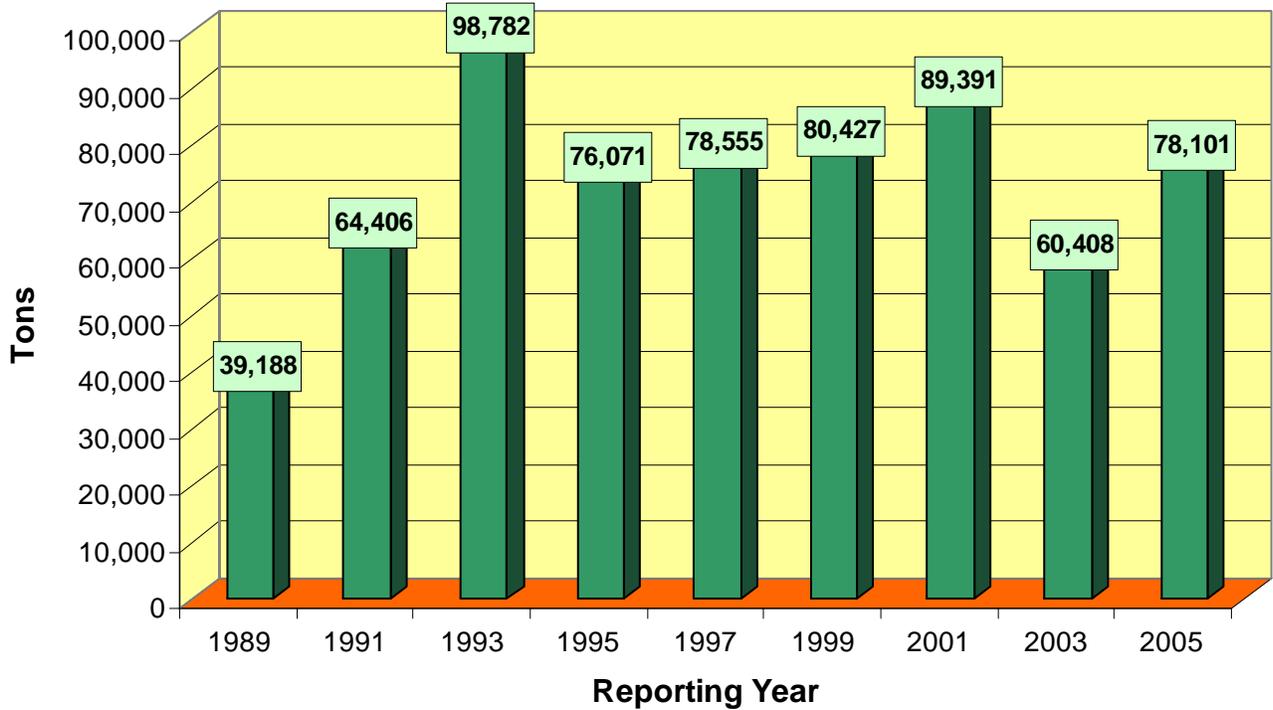
During the 2005 hazardous waste reporting cycle, 71 Utah facilities reported generating 78,101 tons of

hazardous waste, excluding hazardous wastewater which was managed by the generator on-site. These waters were either returned to the process system, discharged to a private or publicly owned water treatment facility, or re-injected back into a groundwater aquifer following treatment.

The 2005 hazardous waste generation in Utah increased a little more than 29% from the 2003 reporting year, with 3 fewer large quantity generators. Nine facilities generated 69,293 tons of hazardous waste, approximately 88 percent of the total reported state quantity.

The top three sources of hazardous waste generation by North American Industrial Classification System (NAICS) code, are waste treatment and disposal, national security and international affairs, and iron and steel mills and ferroalloy manufacturing. These industries generated 63,320 tons, or 81 percent of the total hazardous waste generation in Utah.

Utah Hazardous Waste Generation



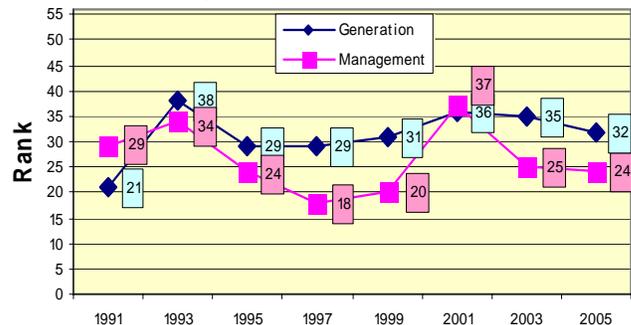
Facility	Quantity (tons)
Clean Harbors (Aragonite Incinerator Facility)	25,110
Deseret Chemical Depot	18,650
Nucor Steel	14,392
ATK Thiokol (Promontory/Corinne)	2,919
Chevron (Salt Lake Refinery)	2,357
ATK Thiokol (Bacchus)	1,878
Clean Harbors (Grassy Mountain Landfill)	1,583
Kennecott Utah Copper (Refinery)	1,222
Energy Solutions (formerly Envirocare of Utah)	1,182

Largest 2005 Utah Hazardous Waste Generators (excludes on-site wastewater treatment)

Nationally, Utah ranked 32nd in the quantity of hazardous waste generated during 2005, accounting for only 0.2 percent of the nation's total hazardous waste generation.

During 2005, Utah large quantity generators reported

Utah's National Hazardous Waste Generation and Management Ranking (includes Dist. of Columbia, Navajo Nation, Puerto Rico, Virgin Islands, Guam & Trust Terrs.)



34,435 tons of hazardous waste generation containing solvents, accounting for 44 percent of the total hazardous waste generation. The quantity of hazardous waste having only characteristic codes (ignitable, corrosive, reactive, or D wastes) was 25,826 tons. Hazardous waste having only listed waste codes (F, P, K, and U) totaled 19,934 tons. The total quantity of hazardous waste having both characteristic and listed codes was 31,510 tons.

MANAGEMENT

Utah had 13 RCRA permitted hazardous waste treatment, storage and disposal facilities (TSD's) reporting during the 2005 reporting cycle, five fewer than 2003. The total quantity of hazardous waste managed on-site by these facilities, excluding wastewater, was 329,301 tons. Although the total quantity of managed hazardous waste in Utah increased almost 46 percent from 2003, Utah dropped eleven spots nationally to 24th, managing 0.7 percent of the nation's total hazardous waste. Approximately 98 percent of this total, 323,442 tons, was managed by Utah's three active commercial TSD facilities.

...s and management facilities in Utah
...ng cycles. Businesses have become
...mentation of pollution prevention efforts,
...ectively, while remaining competitive.



...n has been relatively constant, with a only a few
...related to economic changes, as evidenced by the
...2001. Management of hazardous waste at Utah's three commercial hazar
...uates from one reporting period to another relative to the national economi
...y.

...ous waste site cleanups, continued improvements in manufacturing technology, deve
...handling electronic wastes, and an increase recycling of waste products will all have
...tion of hazardous waste, as well as the demand for treatment, storage and disposal of haz
...d the nation continue to experience a steady population increase and economic growth, the
...technological innovations in production, as well as to educate industry and the public regardin
... environmental benefits of pollution prevention and waste minimization is even more critical.

...port is available on-line as a pdf file, at www.hazardouswaste.utah.gov. The 2005 National Hazardous Waste
...rt is available at www.epa.gov/biennialreport.