

CA1
EA983
93M12
ENG
DOCS

CA1 EA983 93M12 ENG DOCS
Sternberg, Ernest.
Markets for environmental
hazardous waste, solid waste and
43274807

155UA

For Reference Only



MARKETS FOR ENVIRONMENTAL HAZARDOUS WASTE, SOLID WASTE AND
AIR PRODUCTS AND SERVICES IN NEW YORK STATE
A GUIDE FOR CANADIAN FIRMS

MARKETS FOR ENVIRONMENTAL HAZARDOUS WASTE, SOLID WASTE AND
AIR PRODUCTS AND SERVICES IN NEW YORK STATE:
A GUIDE FOR CANADIAN FIRMS

Dept. of External Affairs
Min. des Affaires extérieures

DEC 20 1995

Sponsored by Canadian Consulate General, Buffalo, N.Y. and External Affairs and
International Trade Canada

04/93

43-274-802

TABLE OF CONTENTS

	Page
1. Introduction and General Overview.....	1
2. Solid Waste.....	6
3. Hazardous Waste.....	15
4. Air Pollution.....	23
5. Marketing Channels and Marketing Support.....	27
Tables, Appendices, & Figures	

MARKETS FOR ENVIRONMENTAL HAZARDOUS WASTE, SOLID WASTE AND AIR PRODUCTS AND SERVICES IN NEW YORK STATE: A GUIDE FOR CANADIAN FIRMS

This study is prepared by Ernest Sternberg of University of Buffalo, Department of Planning and Design, Hayes Hall, 3435 Main Street, Buffalo, N.Y., 14214, Tel: 716-831-2133 in conjunction with Jay Mileham of the **Canadian Consulate General**, 3000 Marine Midland Center, Buffalo, N.Y., 14203, Tel: 716-858-9559.

TABLE OF CONTENTS

LIST OF TABLES, APPENDICES, & FIGURES

	<u>Page</u>
1. Introduction and General Overview.....	1
2. Solid Waste.....	6
3. Hazardous Waste.....	15
4. Air Pollution.....	23
5. Marketing Channels and Marketing Support.....	27
Tables, Appendices, & Figures	
2-1	RECYCLABLE MATERIALS COMPOSITION BY BUSINESS ACTIVITY SEGMENT IN NYS
2-2	TYPES OF RECYCLABLE PAPER BY BUSINESS ACTIVITY SEGMENT IN NYS
3-1a	SUMMARY OF HAZARDOUS WASTE GENERATION AND DISPOSAL IN NYS
3-1b	DISPOSAL OF NON-AQUEOUS HAZARDOUS WASTE IN NYS, 1986-1990
3-2	GENERAL SUMMARY OF TOXIC RELEASES TO AIR, WATER AND LAND, 1991
3-3	NON-AQUEOUS HAZARDOUS WASTE GENERATED IN NYS CLASSIFIED BY WASTE TYPE
3-4	SUMMARY OF DISPOSAL METHODS FOR NON-AQUEOUS HAZARDOUS WASTE DISPOSED OF IN NEW YORK, 1990
3-5	U.S. POLLUTION ABATEMENT EXPENDITURES BY INDUSTRY FOR SOLID HAZARDOUS WASTE
3-6	NYS POLLUTION ABATEMENT EXPENDITURES BY INDUSTRY FOR SOLID HAZARDOUS WASTE
3-7	TOP 20 MOST COMMONLY REPORTED CHEMICALS RELEASED OR TRANSFERRED, 1990
3-8	FACILITIES REPORTING LARGEST AMOUNTS OF RELEASES/TRANSFERS, 1990
3-9	20 LARGEST SOURCES OF RELEASES TO LAND, 1990
3-10	REMEDIATION ACTIVITIES INITIATED IN FY YEAR 1991 DEFENSE ENVIRONMENTAL RESTORATION PROGRAM INSTALLATION RESTORATION PROGRAM

LIST OF TABLES, APPENDICES, & FIGURES

TABLES

- 1-1 TEN STATES HAVING HIGHEST POLLUTION ABATEMENT CAPITAL EXPENDITURES AND OPERATING COSTS IN MANUFACTURING ESTABLISHMENTS, 1990
- 1-2 CAPITAL EXPENDITURES AND OPERATING COSTS FOR POLLUTION ABATEMENT IN THE U.S. AND NYS, 1986-1990
- 2-1 MATERIALS RECOVERY FACILITIES IN NYS, 1991
- 2-2 YARD WASTE AND SEWAGE SLUDGE COMPOSTING FACILITIES IN NYS, 1991
- 2-3 WASTE TO ENERGY FACILITIES IN UPSTATE NEW YORK
- 2-4 RECYCLABLE MATERIALS COMPOSITION BY BUSINESS ACTIVITY SEGMENT IN NYS
- 2-5 TYPES OF RECYCLABLE PAPER BY BUSINESS ACTIVITY SEGMENT IN NYS
- 3-1a SUMMARY OF HAZARDOUS WASTE GENERATION AND DISPOSAL IN NYS
- 3-1b DISPOSAL OF NON-AQUEOUS HAZARDOUS WASTE IN NYS, 1986-1990
- 3-2 GENERAL SUMMARY OF TOXIC RELEASES TO AIR, WATER AND LAND, 1991
- 3-3 NON-AQUEOUS HAZARDOUS WASTE GENERATED IN NYS CLASSIFIED BY WASTE TYPE
- 3-4 SUMMARY OF DISPOSAL METHODS FOR NON-AQUEOUS HAZARDOUS WASTE DISPOSED OF IN NEW YORK, 1990
- 3-5 U.S. POLLUTION ABATEMENT EXPENDITURES BY INDUSTRY FOR SOLID HAZARDOUS WASTE
- 3-6 NYS POLLUTION ABATEMENT EXPENDITURES BY INDUSTRY FOR SOLID HAZARDOUS WASTE
- 3-7 TOP 20 MOST COMMONLY REPORTED CHEMICALS RELEASED OR TRANSFERRED, 1990
- 3-8 FACILITIES REPORTING LARGEST AMOUNTS OF RELEASES/TRANSFERS, 1990
- 3-9 20 LARGEST SOURCES OF RELEASES TO LAND, 1990
- 3-10 REMEDIAL ACTIVITIES INITIATED IN FY YEAR 1991
DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
INSTALLATION RESTORATION PROGRAM

- 4-1 NYS AIR POLLUTION ABATEMENT CAPITAL EXPENDITURES AND OPERATING COSTS IN MANUFACTURING ESTABLISHMENTS, 1986-1990
- 4-2 NYS AIR POLLUTION ABATEMENT EXPENDITURES BY MANUFACTURING INDUSTRIES

4-3 20 CHEMICALS EMITTED TO AIR IN LARGEST AMOUNTS IN NYS, 1990

4-4 20 FACILITIES REPORTING LARGEST TOTAL AIR EMISSIONS 1990

FIGURES

1-1 REGIONAL OFFICES
NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

2-1 WASTE GENERATION BY BUSINESS ACTIVITY SEGMENT

APPENDICES

1-1 REFERENCES

1-2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ORGANIZATION CHART

1-3 NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION TELEPHONE
DIRECTORY

2-1 DIVISION OF SOLID WASTE
FUNCTIONAL RESPONSIBILITIES CHART

2-2 SOLID WASTE MANAGEMENT PLANNING UNITS IN UPSTATE NEW YORK

2-3 RESOURCE RECOVERY PROJECTS IN UPSTATE NEW YORK, JAN. 1992

2-4 REGULATED MEDICAL WASTE INCINERATORS IN UPSTATE NEW YORK, 1992

3-1 HAZARDOUS WASTE GENERATORS REPORTING TO NYS DEC, 1991

3-2 THE TOXIC RELEASE INVENTORY

3-3 SAMPLE OF INFORMATION RETRIEVED FROM TOXIC RELEASE INVENTORY,
MAY 1992

3-4 NEW YORK STATE SITES ON EPA'S NATIONAL PRIORITIES LIST

3-5 NYS INSTALLATIONS LISTED BY THE DEFENSE ENVIRONMENTAL RESTORATION
PROGRAM

5-1 ENVIRONMENTAL ENGINEERING CONSULTING FIRMS IN NYS

SECTION 1: INTRODUCTION AND GENERAL OVERVIEW

Objectives of this Report

The purpose of this report is to introduce Canadian firms to the market for environmental products and services in New York State for solid waste, hazardous waste and air pollution. Driven by environmental legislation and by environmental crises like the contamination of the Love Canal neighborhood in Niagara Falls, New York, the environmental industry has been one of the state's fastest growing economic sectors since the 1980s.

The growth of the sector has slowed somewhat in the 1990s because some federal and state contracts for remediation of hazardous waste sites had largely been let out and because of the recession of 1990-92. Nevertheless, industry observers continued to project rapid growth in several segments, such as air pollution control, medical waste management, the environmental restoration of military installations, and materials recovery facilities (for handling recycled materials). The state still offers many expanding markets for innovative Canadian companies, particularly those that can respond to specialized industry niches.

New York State continues to be at the forefront of the environmental industry in the United States because of the state's tradition of progressive legislation in environmental matters. Indeed, the state leads the way in several categories of U.S. environmental regulation, such as controls over the engineering and design of landfills.

Scope and Approach

This report summarizes New York opportunities in three major segments of the environmental industry: solid waste, hazardous waste, and air pollution.

Solid waste consists of non-liquid, non-soluble materials ranging from municipal garbage to industrial waste. It includes sewage sludge, agricultural refuse, demolition wastes and mining residues. Medical waste is classed as solid waste. Section 2 of this report examines the opportunities in New York for the solid waste segment of the environmental industry (excluding hazardous solid waste).

Hazardous wastes refer to byproducts that can pose a substantial threat to human health or the environment when improperly managed. Typically the wastes are ignitable, corrosive, chemically reactive, or toxic. Section 3 describes opportunities in the hazardous waste segment. The section focuses on solid hazardous waste; except for general summary information, the section excludes aqueous and air-borne hazardous waste.

State Laws and Regulations

Air pollution refers to the presence of contaminant or pollutant substances in the air that do not disperse properly and interfere with human health or welfare, or produce other harmful environmental effects. Section 4 describes the opportunities in New York for the abatement of air pollution from stationary sources.

For each segment, this report

- provides a classification of the major industry subsegments,
- describes demand determinants and growth prospects,
- summarizes relevant laws and regulations,
- and describes final customers, giving specific leads where possible,

Section 5 of the report describes channels of distribution and marketing support for these industry segments.

The report relies extensively on materials published by the New York State Department of Environmental Conservation, the U.S. Environmental Protection Agency, the New York State Department of Economic Development, and the U.S. Bureau of the Census. The report also made use of InfoTrac--Investext, a CD-ROM database of company and industry reports.

Classifications of industry segments are consistent with those that are used in reports on the U.S. environmental industry prepared for External Affairs and International Trade Canada. These and other reports, references, and sources are listed in Appendix 1-1.

This report focuses primarily on the environmental industry's opportunities in upstate New York. For the purposes of this report, upstate New York will be considered to be all counties north and west of New York City. This upstate area corresponds to DEC regions 3 through 9 (See Figure 1-2).

The DEC has nine regional offices, as shown in Figure 1-1. The present report covers activities in Regions 3 through Region 9. These regional offices are located in New Paltz, Schoenensdy, Ray Brook, Watertown, Syracuse, Avon, and Buffalo. Regional office phone numbers are presented in Appendix 1-2.

Since New York State is covered by a "sunshine law," the DEC must make all information available to the public, except confidential information about companies and personnel. Canadian companies will find that the agency's personnel and publications are a rich source of information on the state's regulatory conditions. Some of the information can also provide valuable market leads, as this report will show in detail.

State Laws and Regulations

Since regulations are such a fundamental determinant of the market for this industry, Canadian firms ought to become familiar with the regulatory environment in New York State.

Environmental legislation is consolidated in the body of statutes known as Environmental Conservation Law, part of the state's series of consolidated laws. A simplified and accessible summary of state environmental law can be found in:

Nicholas A. Robinson, editor, The Treatise on New York Environmental Law, New York State Bar Association, Publications Department, 1 Elk Street, Albany, N.Y. 12207 (518)463-3200.

Since local governments are an important element in the environmental industry, both as clients and as regulators, Canadian companies should become familiar with the nature of local government jurisdictions in New York State. A readily accessible summary of information is the Local Government Handbook available from New York State Department of State, Office of Local Government Services, 162 Washington Avenue, Albany, N.Y. 12231 (518)473-3355.

The primary state agency carrying out the state's environmental rules and regulations is the New York State Department of Environmental Conservation (DEC), headquartered at 50 Wolf Road, Albany, N.Y. 12233. For members of the environmental industry, the agency's most important offices are the Office of Environmental Remediation and the Office of Environmental Quality. The Office of Environmental Quality contains divisions of air resources, solid waste, water, and hazardous substances regulation. An organization chart may be found in Appendix 1-2.

Note that Appendix 1-3 provides a telephone directory for the agency. When suggesting that information be sought from DEC offices this report in most cases does not give a specific phone number, but refers the reader to Appendix 1-3. Phone assignments and personnel can change frequently. Canadian firms making an inquiry will generally have to try a few likely numbers before finding the appropriate person to answer a particular inquiry. The directory in Appendix 1-3 should help in that search.

The DEC has nine regional offices, as shown in Figure 1-1. The present report covers activities in Regions 3 through Region 9. These regional offices are located in New Paltz, Schenectady, Ray Brook, Watertown, Syracuse, Avon, and Buffalo. Regional office phone numbers are presented in Appendix 1-2.

Since New York State is covered by a "sunshine law," the DEC must make all information available to the public, except confidential information about companies and personnel. Canadian companies will find that the agency's personnel and publications are a rich source of information on the state's regulatory conditions. Some of the information can also provide valuable market leads, as this report will show in detail.

The U.S. federal government's Environmental Protection Agency maintains its Regional Office in New York City for Region II (New York State, New Jersey, Puerto Rico, and US Virgin Islands). The office's phone number is 212-264-2525.

The Environmental Market in New York State: General Overview

For firms serving the U.S. environmental market, reliable estimates for market size are difficult to identify. Competing consulting organizations frequently provide disparate and often inconsistent estimates of market size and market prospects. Projections are often unreliable, since new regulatory legislation and changing political decisions on the enforcement of regulations can radically change the prospects for a segment of the industry. Reliable data becomes all the more difficult to find for a sub-national area such as New York State. The fundamentals to keep in mind are the market is large, growing between 10-20 per cent per year and will likely exhibit strong growth in the future.

This report will not attempt to provide current market-size estimates or market forecasts, since these go quickly out of date and there are many other sources for the information. An inexpensive source of such information on the U.S. market is Infotrac--Investext, a CD-ROM system that may be purchased and is also available in many research libraries.

It happens, however, that for the environmental services (pollution abatement) market, a U.S. Census Bureau survey provides survey data on the size of the New York State industrial market for solid waste, air pollution, and water pollution abatement. The data reflects a detailed survey carried out in 1990 and is highly reliable. Informal projections made from this data are likely to be more accurate than seemingly up-to-date projections available commercially whose sources cannot be verified. The census data does, however, have the limitation that it is only for manufacturing establishments with 20 employees or more.

New York Compared to Other States

According to the data, New York has the sixth highest manufacturing expenditure among U.S. states for pollution abatement in air, water, and solid waste with an expenditure of \$249 million in 1990. The state's manufacturers are also among the ten highest spenders for pollution abatement operating costs, with an annual expenditure of \$619.5 million in 1990 (See Table 1-1). Government and municipal expenditures typically increased these estimates by approximately 30 per cent.

Of New York manufacturers' expenditures on air, water, and solid waste abatement, the largest proportion of capital expenditures went for air pollution abatement. But, the largest proportion of operating costs went for solid waste abatement (Table 1-1).

Manufacturers' Pollution Abatement Expenditures in New York

As shown in Table 1-2, the 1986-1990 period saw a rapid rise in manufacturers' pollution abatement expenditures in New York State: capital expenditures increased by 128% and operating costs by 19%. When capital expenditures for abatement are compared among the three segments, air pollution expenditures rose fastest. In operating costs, solid waste expenditures grew fastest, while water pollution abatement declined somewhat.

In terms of capital expenditure growth in New York, therefore, the three segments have the following order of importance:

- (1) air pollution,
- (2) solid waste, and
- (3) water pollution.

In terms of the growth of operating costs in the state, the three segments have this order of importance:

- (1) solid waste,
- (2) air pollution,
- (3) water pollution

The rates of growth of air pollution abatement expenditure (both for capital and operating expenditure) in New York outpaced those in the U.S. as a whole (Table 1-2).

More detailed information on growth trends can be found in the following sections of this report. Note that the above data includes hazardous waste under each of the other categories. Section 3 below discusses growth in the hazardous waste segment.

SECTION 2: SOLID WASTE

Overview

The solid waste segment of the products and services industry includes the following subsegments:

- Collection and transportation of waste and recyclables,
- Landfill operations,
- Materials recovery facilities and composting facilities,
- Waste-to-energy incinerators, and
- Medical waste handling and disposal.

Demand Determinants and Growth Prospects

State and federal regulatory requirements are the outstanding force determining demand in the solid waste industry. New York State regulations are requiring decreases in amounts of municipal solid waste. Also, more stringent state permitting requirements are reducing the number of municipal landfills, thereby rapidly increasing tipping fees.

These regulatory trends are driving the solid waste industry, and determining the growth of various subsegments to be discussed below: landfilling, materials recovery and composting facilities, waste-to-energy incinerators, and medical waste handling and disposal, and waste management in the private sector.

Landfilling

Because of the increased stringency of environmental regulations, the development costs for a landfill in New York State (from the start of site collection to the actual beginning of landfilling) have risen considerably. In upstate New York, the costs of consulting, testing, services, engineering, and construction services for a mixed municipal landfill of 10-12 acres are in the \$4-9 million range.

Where state authorities have found that solid waste landfills have been improperly operated, they have frequently closed landfills in recent years. Violations include contamination of water supplies, migration of toxic gases, fires, diseases, and vectors. The closing of a landfill also provides extensive business opportunities for engineering, construction capping, and (in some cases) remediation. The closure cost of a 10 acre landfill is about \$1.3 million in upstate New York if there is no need for groundwater control.

Because of cases of fire in tire piles, and because of the special circumstance posed by construction and demolition debris, new regulations are being implemented for landfills accepting waste tires and construction and demolition debris. Of 131 known waste tire

storage or disposal facilities in the state in 1991, only two were permitted by DEC. Enforcement action against many facilities was expected.

Recycling

Both these trends are forcing municipalities around the state to start or expand recycling programs. Moreover, by September 1, 1992, New York State municipalities must adopt ordinances to separate recyclable or reusable solid waste at the source.

Such programs increase demand for the collection, transport, and processing of recyclables. Ever more municipalities are instituting household source-separation and curbside collection. This creates demand for the following kinds of items: trucks for collecting and transporting recyclables, boxes in which households put out recyclables on the curbside ("blue boxes"), and bins at drop-off centers.

The DEC's "Low Technology Resource Recovery Program" (described below) provides funds to municipalities for the purchase of equipment for recycling and materials recovery.

Materials Recovery Facilities

Materials recovery facilities (MRFs) process the recyclables into secondary materials so they can be sold or reused. They are also known as recyclables handling and recovery facilities. They use manual or mechanical means to sort, clean, and bale the recyclables or to make them denser. These facilities vary widely, depending on types of recyclables handled, quantities collected, and types of separation and processing used.

According to the Biocycle Guide to Collecting, Processing, and Marketing Recyclables, their capital construction costs range from \$10,000 to \$46,000 per ton of daily capacity. The MRFs purchase separation and processing equipment, drive-on scales, front-end loaders, conveyor belts, baling equipment, shredders, and transportation vehicles. As more and more of the state's municipalities institute recycling programs, they (or their private contractors) are building numerous MRFs around the state.

Composting

About 40-50% of municipal solid waste is organic and could potentially be composted. Three conventional systems for composting are windrow, aerated static piles, and in-vessel composting. As more municipalities invest in composting, some are turning to the most sophisticated technology: in-vessel composting, which is capital- and technology-intensive.

According to the NYS Solid Waste Management Plan, such systems cost \$180-270 per dry ton, as compared to \$20-27 per dry ton for windrow. Still, factors of composting space, labor cost, and type of waste stream may make in-vessel composting more economical for some communities. Some of these systems control air and water flow in enclosed, computer-controlled environments to accelerate decomposition.

Recycling

Both these trends are forcing municipalities around the state to start or expand recycling programs. Moreover, by September 1, 1992, New York State municipalities must adopt ordinances to separate recyclable or reusable solid waste at the source.

Such programs increase demand for the collection, transport, and processing of recyclables. Ever more municipalities are instituting household source-separation and curbside collection. This creates demand for the following kinds of items: trucks for collecting and transporting recyclables, boxes in which households put out recyclables on the curbside ("blue boxes"), and bins at drop-off centers.

The DEC's "Low Technology Resource Recovery Program" (described below) provides funds to municipalities for the purchase of equipment for recycling and materials recovery.

Materials Recovery Facilities

Materials recovery facilities (MRFs) process the recyclables into secondary materials so they can be sold or reused. They are also known as recyclables handling and recovery facilities. They use manual or mechanical means to sort, clean, and bale the recyclables or to make them denser. These facilities vary widely, depending on types of recyclables handled, quantities collected, and types of separation and processing used.

According to the Bicycle Guide to Collecting, Processing, and Marketing Recyclables, their capital construction costs range from \$10,000 to \$46,000 per ton of daily capacity. The MRFs purchase separation and processing equipment, drive-on scales, front-end loaders, conveyor belts, baling equipment, shredders, and transportation vehicles. As more and more of the state's municipalities institute recycling programs, they (or their private contractors) are building numerous MRFs around the state.

Composting

About 40-50% of municipal solid waste is organic and could potentially be composted. Three conventional systems for composting are windrow, raised static piles, and in-vessel composting. As more municipalities invest in composting, some are turning to the most sophisticated technology: in-vessel composting, which is capital- and technology-intensive.

According to the NYS Solid Waste Management Plan, such systems cost \$180-270 per dry ton, as compared to \$20-27 per dry ton for windrow. Still, factors of composting space, labor cost, and type of waste stream may make in-vessel composting more economical for some communities. Some of these systems control air and water flow in enclosed, computer-controlled environments to accelerate decomposition.

Enforcement action against many facilities was expected. In the state in 1991, only two were permitted by DEC.

The state's municipalities have specialized composting facilities for yard waste and sewage sludge. As rates of recycling increase in the state, the numbers and sizes of such facilities will also grow.

Waste-to-Energy Facilities

Increased tipping fees at landfills are also rapidly expanding the waste-to-energy technologies--mostly incinerators. The six known technologies are mass burn, modular, refuse derived fuel, fluidized bed combustion, biogasification, and pyrolysis. Only mass burn, modular, and refuse-derived fuel are currently utilized in New York State; the others are not yet considered proven technologies for mixed municipal solid waste.

One factor that encourages their growth is a DEC program, the "High Technology Resource Recovery Program," which has committed over \$128 million to communities for waste-to-energy facilities.

Capital costs of the facilities are high (often over \$100,000 per design ton) and regulatory delays are extensive. Because of community opposition, the time from project inception to operation in New York State can exceed seven years. Despite these constraints, the numbers of these incinerators are expected to grow.

Medical Waste Management

Medical waste management is growing rapidly in New York State. The state has one of the highest incidence of AIDS and hepatitis B, and there have been cases of medical waste washing up on New York and New Jersey shores, so public concern is high, and regulatory requirements are increasing. Hospitals, private medical practices, and blood banks are becoming ever larger markets for companies able to handle, package, transport, keep track of, and dispose of medical waste.

State Laws and Regulations

Responsibility for carrying out most of the state's solid waste regulations falls to DEC's Division of Solid Waste. The division is divided into several bureaus: program resource management, municipal waste permitting, facility management, resource recovery, and waste reduction and recycling. An organizational chart may be found in Appendix 2-1.

The most important law controlling solid waste management in New York State is the Solid Waste Management Act of 1988 (Chapter 70 of the Laws of 1988), which established a hierarchy of priorities for waste management. The priorities are as follows:

1. Reduce the amount of waste generated;
2. Reuse material for the purpose for which it was originally intended or recycle material that cannot be reused;

The state's municipalities have specialized composting facilities for yard waste and sewage sludge. As rates of recycling increase in the state, the numbers and sizes of such facilities will also grow.

Waste-to-Energy Facilities

Increased tipping fees at landfills are also rapidly expanding the waste-to-energy technologies--mostly incinerators. The six known technologies are mass burn, modular, refuse derived fuel, fluidized bed combustion, biogasification, and pyrolysis. Only mass burn, modular, and refuse-derived fuel are currently utilized in New York State; the others are not yet considered proven technologies for mixed municipal solid waste.

One factor that encourages their growth is a DEC program, the "High Technology Resource Recovery Program," which has committed over \$128 million to communities for waste-to-energy facilities.

Capital costs of the facilities are high (often over \$100,000 per design ton) and regulatory delays are extensive. Because of community opposition, the time from project inception to operation in New York State can exceed seven years. Despite these constraints, the numbers of these incinerators are expected to grow.

Medical Waste Management

Medical waste management is growing rapidly in New York State. The state has one of the highest incidences of AIDS and hepatitis B, and there have been cases of medical waste washing up on New York and New Jersey shores, so public concern is high, and regulatory requirements are increasing. Hospitals, private medical practices, and blood banks are becoming ever larger markets for companies able to handle, package, transport, keep track of, and dispose of medical waste.

State Laws and Regulations

Responsibility for carrying out most of the state's solid waste regulations falls to DEC's Division of Solid Waste. The division is divided into several bureaus: program resource management, municipal waste permitting, facility management, resource recovery, and waste reduction and recycling. An organizational chart may be found in Appendix 2-1.

The most important law controlling solid waste management in New York State is the Solid Waste Management Act of 1988 (Chapter 70 of the Laws of 1988), which established a hierarchy of priorities for waste management. The priorities are as follows:

1. Reduce the amount of waste generated;
2. Reuse material for the purpose for which it was originally intended or recycle material that cannot be reused;

3. Recover, in an environmentally acceptable manner, energy from solid waste that cannot be economically and technically reused or recycled; and

4. Dispose of solid waste that is not being reused, recycled, or from which energy is not being recovered, by land burial or other methods approved by the New York State DEC.

In March 1987, the state's Solid Waste Management Plan set a goal of 50% waste reduction/reuse/recycling by 1997. To achieve this goal, local municipalities are required (to the extent economically practicable) to bring about the recovery or reuse of solid waste. They must develop plans to progressively increase percentages of the waste stream that are to be recovered as recyclables.

By September 1, 1992, each New York State municipality must adopt an ordinance or law requiring source separation of reusable or recyclable materials. A DEC program for encouraging municipalities to do so is the "Low Technology Resource Recovery Program, which had made appropriations in excess of \$9 million by May 1, 1991. Municipalities use the funds to purchase recycling equipment such as recycling trucks, balers, crushers, conveyors, screens, and roll-off containers.

The state recognizes, however, that even as waste reduction, reuse, and recycling take larger percentages of the state's solid waste, various types of landfills must continue to play a role in waste management. DEC controls solid waste management with regulations (6 NYCRR Part 36) that some consider the strictest in the United States. The regulations prescribe criteria for several kinds of landfills, including mixed municipal landfills, industrial landfills, waste-to-energy ash landfills, and landfills for construction and demolition debris. The regulations contain criteria for:

- Landfill design and construction, including liners and leachate collection and removal systems;
- Geologically appropriate areas;
- Groundwater monitoring;
- Cover material and prevention of rainwater infiltration;
- Measures to reduce movements of contaminants in the waste mass;
- Gate controls and inspections to prevent the use of solid waste landfills for hazardous waste.

In addition, as set forth in state regulations (6 NYCRR Part 617, and explained in the State Environmental Quality Review Act Handbook) those who propose a major solid waste management facility may be required to prepare a "generic environmental impact statement."

Because of such stringent regulations, New York State provides a challenging entry to the U.S. environmental market. Companies that have the sophistication to compete in New

York's waste management market will be well prepared for conditions in other states and countries, where environmental regulations have been catching up to those in New York.

Final Customers for the Solid Waste Industry

The most important final customers for the solid waste industry in New York State are municipalities. For capital projects, such as the development of a landfill, Canadian companies may choose to bid for municipal contracts directly or to be subcontractors for the prime contractor--frequently a consulting engineering firm or construction firm. For operating programs or facilities, Canadian companies may choose to sell products and services directly to the municipal or private facility.

Solid Waste Management Planning Units

In New York State, municipalities that intend to construct a solid waste management facility (such as a landfill, waste-to-energy, or materials recovery facility above minimum size) must join an approved planning unit. Approved planning units can include counties acting individually or jointly, city and town governments individually or jointly, and approved local agencies and authorities.

The plans provide information on current and proposed facilities in the unit as well as on mandatory and voluntary recycling programs. The names, addresses, and phone numbers of planning units are given in Appendix 2-2.

Each planning unit must prepare a solid waste management plan and a comprehensive recycling analysis. These documents are excellent sources of information on solid waste proposals of individual municipalities. Canadian firms involved in recycling equipment or consulting should make contact with these planning units for marketing leads. These planning units will also have further information on landfilling, materials recovery, composting, and waste-to-energy facilities planned or operated within their municipal area.

Landfills

New York State is in the midst of a massive reorganization of its solid waste landfills, in a process that has continued now for over 15 years. According to the Comprehensive Solid Waste Management Plan, there are 216 active landfills in the state, of which only 40 had state permits to operate. Of the rest, 6 were upgrading their facilities, and 137 were evaluating their compliance with state standards and closing the facility. Hence, activities of upgrading or closing landfills are commonplace in New York State.

Specialized landfills for construction and demolition debris and waste tires are also undergoing regulatory enforcement actions. These conditions added together offer opportunities to Canadian engineering firms with relevant expertise.

Canadian firms interested in pursuing this market can obtain lists of landfills (whether mixed municipal, construction and demolition, or waste tire) undergoing closure, upgrading, DEC consent orders, or enforcement action. Current lists are available from DEC's Division of Solid Waste. (For the phone number, see Appendix 1-3.)

Materials Recovery Facilities and Composting

As more and more municipalities in the state have carried out programs of recycling and reuse, they have had to construct facilities for materials recovery, including composting facilities and sewage sludge management facilities.

In every region of the state in 1991, facilities were going through various stages of permitting, applying for permits, being under a DEC consent order or being reviewed by DEC. Most were undergoing transition: being planned, designed, started up, upgraded, or expanded. (See Appendix 1-3 for relevant phone numbers in the Division of Solid Waste.)

Table 2-1 illustrates the extent of this potential market by listing materials recovery facilities in DEC Regions 3 through 9 (upstate New York) with a design capacity of over 5 tons per day in 1991. In addition to the facilities shown in Table 2-1, the DEC registered 84 materials recovery facilities handling five design tons per day or less.

Table 2-2 lists large yard waste composting and sewage sludge composting facilities in the state. In addition, there are a number of composting facilities that treat animal manure and food waste.

In this time of change, many municipalities and companies operating the facilities are likely to be in a position to buy engineering and consulting services, as well as equipment and supplies.

Waste-to-Energy Facilities

As of the most recent DEC information, there are 26 waste-to-energy facilities in various stages of planning, permitting, construction, or operation in the state. Though the 12 currently operating facilities have a combined capacity of just over 10,000 tons per day, current planning and construction are expected to bring their combined capacity up to almost 28,000 tons design tons per day.

The largest part of this capacity is in operation or planned for Long Island and New York City. Facilities planned or operating in New York State are expected to have a design capacity of 10,200 tons per day. Table 2-3 lists the waste-to-energy facilities planned, under construction, in a permitting process, or operational in upstate New York.

For companies that provide design, engineering, or products for such facilities, this is the critical time to investigate the New York market. Appendix 2-3 provides the addresses of proposed and operational waste-to-energy facilities in upstate New York.

Medical Waste

Amid a growing fear of communicable diseases, and the spread of the AIDS epidemic, medical waste management and its regulation has become a controversial subject. Existing medical waste incinerators are now more stringently regulated, while the permitting of new incinerators is often met by stiff community opposition.

Businesses that provide services, consulting, or supplies for medical incineration and medical waste management should consult the list of regulated medical waste incinerators in upstate New York. This list is given in Appendix 2-4.

Business and Industrial Customers

Stringent regulation, the increasing costs of disposal in landfills, and the development of markets for recycled materials have all increased the interests of private businesses in managing and recycling their own waste.

Numerous private firms in New York are, therefore, working on:

- reducing the amounts of solid waste they produce,
- collecting recyclable solid waste for sale on markets for secondary materials,
- developing means of recycling materials within the firm,
- developing methods of reusing recycled materials (purchased on secondary materials markets) for use in their products or packaging.

According to data from the New York State Department of Economic Development, the largest business sector generating recyclable waste in New York State is retail, with 27% of the state's total private-sector recyclable waste by weight. Retail establishments are followed in importance by food stores, restaurants, manufacturers, and offices (See Figure 2-1).

As shown in Table 2-4, among the types of recyclable waste generated by New York's businesses, paper has the largest share by weight. Table 2-4 gives the quantities of various types of recyclables produced by each of the following business segments: offices, food stores, retail establishments, restaurants, hospitals, schools, colleges/universities, food processing establishments, and manufacturers.

As Table 2-5 shows, the largest proportion of paper materials produced by these business segments consists of old corrugated containers, followed by mixed paper, office paper, computer printout, and old newspapers. The table gives the amounts of each type of paper generated by New York's business segments.

Identifying Market Niches

Firms with technologies or skills in compacting, composting, transporting, reducing, or reusing these kinds of solid waste should seek out firms in the appropriate business segments. Section 5 of this report gives suggestions for identifying New York firms within specified industries.

Note that the New York State Department of Economic Development maintains an Office of Recycling Market Development to develop the supply of and demand for secondary materials. The office develops demand for:

- old newspapers,
- office papers and magazines,
- phone directories,
- plastics,
- steel cans,
- glass,
- tires,
- dry cell batteries, and
- construction and demolition debris.

SECTION 3: HAZARDOUS WASTE

The office is completing a computerized market information database that contains listings for manufacturers, exporters, brokers, and other major buyers of recyclable materials in the eastern U.S. and Canada. The listing also covers intermediate processors and wastepaper dealers.

The office has also operated financial assistance programs for qualifying businesses. These have included feasibility study grants for evaluating recycling technologies, financing for the construction of recycling facilities, and targeted grants to address specific kinds of market development or waste reduction.

Inquiries about the database, financial assistance, or publications should be made to the Department of Economic Development's Office of Recycling Market Development at (518) 486-6291.

Note that "toxic waste" is a subcategory of "hazardous waste." A toxic pollutant is defined by the EPA as "Materials contaminating the environment that cause death, disease, and/or birth defects in organisms that ingest them. The quantities and length of exposure necessary to cause these effects can vary widely." (See EPA's Glossary of Environmental Terms and Acronym List for further definitions.)

The present section examines the most important segments of the hazardous waste industry. They are the following:

- Environmental engineering and consulting,
- On-site treatment and off-site treatment and disposal,
- Analysis of water, soil, and air,
- Hazardous waste remediation

Note that the present section deals with services to generators of hazardous waste and to properties and areas contaminated by hazardous waste. The section excludes nuclear waste handling and disposal and services to deal with indoor air pollution (including asbestos abatement).

Demand Determinants and Growth Prospects

Summary

Facilities in New York State produce large amounts of hazardous waste each year. According to 1990 data (the most recently available) the state's generators reported 7.6 million tons of hazardous waste generated in the state. Most of this amount, 6.5 million tons, was aqueous hazardous waste. Close to 448,000 tons was non-aqueous.

Of the 448,000 non-aqueous tons produced by in-state generators, 234,000 tons were disposed off-site (off the generator's own site) within the state. (There were also flows of hazardous waste into and out of the state. Exports of hazardous waste far exceeded imports

SECTION 3: HAZARDOUS WASTE

Overview

Hazardous waste is defined by the U.S. Environmental Protection Agency (EPA) as: "By-products of society that can pose a substantial or potential hazard to human health or the environment when improperly managed." It is further defined as possessing at least one of four characteristics: ignitability, corrosivity, reactivity, or toxicity. The EPA maintains and periodically revises a list of several hundred substances that it considers hazardous.

The hazardous waste segment of the environmental industry is concerned with consulting about or treatment, abatement, transport, and disposal of hazardous waste currently produced; it is also concerned with the remediation of areas affected by such waste.

Note that "toxic waste" is a subcategory of "hazardous waste." A toxic pollutant is defined by the EPA as "Materials contaminating the environment that cause death, disease, and/or birth defects in organisms that ingest them. The quantities and length of exposure necessary to cause these effects can vary widely." (See EPA's Glossary of Environmental Terms and Acronym List for further definitions.)

The present section examines the most important segments of the hazardous waste industry. They are the following:

- Environmental engineering and consulting,
- On-site treatment and off-site treatment and disposal,
- Analysis of water soil, and air.
- Hazardous waste remediation

Note that the present section deals with services to generators of hazardous waste and to properties and areas contaminated by hazardous waste. The section excludes nuclear waste handling and disposal and services to deal with indoor air pollution (including asbestos abatement).

Demand Determinants and Growth Prospects

Summary

Facilities in New York State produce large amounts of hazardous waste each year. According to 1990 data (the most recently available) the state's generators reported 7.6 million tons of hazardous waste generated in the state. Most of this amount, 6.5 million tons, was aqueous hazardous waste. Close to 448,000 tons was non-aqueous.

Of the 448,000 non-aqueous tons produced by in-state generators, 234,000 tons were disposed off-site (off the generator's own site) within the state. (There were also flows of hazardous waste into and out of the state. Exports of hazardous waste far exceeded imports

to the state in 1990.) Of the same 448,000 tons, all but about 50,000 tons were generated in upstate New York, with the Western New York region (including Buffalo and Niagara Falls) being the largest regional source of hazardous waste. See Tables 3-1a and 3-1b for this data.

Portions of hazardous waste are considered toxic: they are potentially harmful to organisms, including human beings. Note, however, that data presently available on releases of toxic substances to the environment include releases to air and water as well as land. Therefore, data on total toxic releases are not simply a subset of the hazardous waste disposal amounts. Toxic release data include substances that are also in part classified as air or water pollution. Table 3-2 summarizes toxic releases in New York state in 1990. Toxic releases to land in 1990 totalled 1.8 million pounds, a decrease from the previous year.

The generation of hazardous waste generally and toxic waste in particular gives opportunities to varied industry subsegments that can help reduce, manage, transport, dispose, or treat this waste.

Environmental Engineering and Consulting

Once again, regulation drives this subsegment, particularly federal legislation, including the Comprehensive Environmental Response, Compensation and Liability Act of 1980, the Superfund Amendments and Reauthorization Act of 1986, and the Resource Conservation and Recovery Act (all described below). Further growth is expected as the U.S. Departments of Defense and Energy implement programs for waste control and remediation at their facilities.

On-site Treatment and Off-Site Treatment and Disposal

The federal classification of some 500 hazardous wastes has created large and growing markets for this segment. Promising niches include the development of monitoring systems, waste treatment systems, instrumentation, and--in the longer run--bioremediation, stabilization, and thermal destruction.

Analysis

The above trends are creating a market for the analysis of water, soil, and air. Currently, half the industry focuses on the analysis of industrial and municipal wastewater, but this segment of the market may have levelled off. Growth opportunities are emerging in the analysis of hazardous waste, mixed waste, lead and radon, and air pollutants.

Hazardous waste remediation

Estimates of the numbers of hazardous waste sites in the United States vary markedly. There are over one thousand Superfund sites (defined below), some 30,000 sites identified through the Comprehensive Environmental Response Compensation, and Liability Information System, and estimates of over 100,000 industrial sites. Again, significant

proportions are in New York State. By one estimate, the cost of cleaning up all identified public and private sites will exceed \$1 trillion (if remediation will indeed occur in all these sites), though it appears at present that funds will not be found for the remediation of most of these sites.

Firms in this subsegment have to have the technologies for the remediation of contaminated soils. Technologies include biological, thermal, vacuum extraction, stabilization, and solvent extraction. Other technologies are currently being developed. The need for on-site incineration of hazardous waste and contaminated sites have increased as regulations over land disposal have become more stringent.

Laws and Regulations

Several pieces of federal legislation have had an enormous influence on the development of the hazardous waste management industry.

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, also known as the Superfund, deals with problems posed by past waste disposal and provides procedures for identifying and cleaning up the sites. Under the act, the Superfund can compel responsible parties to clean up abandoned sites contaminated by hazardous waste. Superfund can authorize funds for clean-up when responsible parties cannot be identified.

The Superfund Amendments and Reauthorization Act (SARA) of 1986, further funded Superfund and enhanced EPA's ability to conduct enforcement actions and to work with the states in the clean-up process, while also adding to EPA's responsibilities for R&D, health assessment, and public participation.

The Resource Conservation and Recovery Act (originally passed in 1976, with amendments since then), also known as RCRA, regulates hazardous waste generated currently and in the future. It requires private industry and government to monitor and regulate the disposal of such waste. RCRA amendments have, among other things, extended requirements to small-quantity hazardous waste generators and required more stringent standards for landfills.

New York State took early regulatory action through the 1978 Industrial Hazardous Waste Management Act. The act established standards for the generation, transport, treatment, storage, and disposal of hazardous waste. In March 1982, the DEC promulgated rules and regulations to implement the statute. These rules regulate the activities of those who handle hazardous waste and also require information on the quantities and composition of hazardous waste produced in the state.

Final Customers for the Hazardous Waste Industry

The hazardous waste industry segments covered in this report have two main kinds of final customers. One consists of current generators of hazardous waste. The other comprises private or public organizations responsible for lands or facilities polluted with hazardous waste. The remediation of these sites frequently requires involvement with state

or federal clean-up funds, or military contracting for the remediation of military environmental problems. Decisions on the remediation of private properties are often the outcomes of complex litigation over responsibility for hazardous waste contamination

This section describes final customers that are current generators of hazardous waste. These generators are the most important final customers for consulting engineers, treatment and disposal firms, and analysis companies working in the hazardous waste field.

Then this section goes on to describe sites containing hazardous waste, especially military sites, which are important markets for firms engaged in remediation.

Hazardous Waste Generators

Of the 448,000 tons of hazardous waste generated in New York State, 16% consisted of ignitable waste, 11% of EP-toxic metals, and 10% of corrosive materials. Of listed hazardous waste in the hazardous waste stream, the highest single amount (in terms of weight) was PCB waste (16.5%), followed by halogenated solvents (14%) and non-halogenated solvents (10%). See Table 3-3 for a summary of this data.

Altogether, 301,000 tons of non-aqueous hazardous waste were disposed of in New York State (including 67,000 tons generated out of state but disposed in the state.) The most important disposal methods for the waste in 1990, in terms of tons, were land disposal (104,000 tons) followed by incineration, treatment, and reclamation/recycling. Table 3-4 summarizes the data.

As in the rest of the country, certain manufacturing industries are responsible for generating large proportions of the state's hazardous waste. Nationally, Chemicals and Allied Products is by far the largest industry source of hazardous waste. Each year, the industry is responsible for 35 to 45% of all solid hazardous waste expenditure. Other industries throughout the U.S. that spend large amounts on solid hazardous waste abatement are Petroleum and Coal, Transportation Equipment, Fabricated Metal, Primary Metals, and Electronic and other Electric Equipment (See Table 3-5).

Within New York State, capital and operating expenditures by manufacturing industries for solid hazardous waste pollution abatement add up to \$111 million in 1990, according to a U.S. Census Department study. As compared to the country as a whole, New York State's manufacturing industries' operating expenditures for hazardous solid waste abatement are less focused on Chemicals and Allied Products. In New York State, the expenditures of Primary Metals, Industrial Machinery and Equipment, Electronics and Electrical Equipment, and Instruments and Related Products are close to those of the chemical industry (Table 3-6).

Of New York State hazardous solid waste abatement expenditures by manufacturing industries, \$98.4 million goes for operating costs, as compared to \$12.5 million for capital expenditures (see Table 3-6). Most of the operating costs go for materials and supplies, contract services and equipment leasing.

Note that the above expenditures for hazardous solid waste abatement refer to manufacturing industries only. But the markets for such goods and services are larger. Other important final customers for solid hazardous waste abatement include military agencies, electrical and gas utilities, gas pipeline companies, petroleum distributors, universities, hospitals, and laboratories.

One list of these potential final customers in New York consists of generators that have submitted reports to DEC in accordance with the 1978 Industrial Hazardous Waste Management Act. Generators of hazardous waste must report to the agency annually. Appendix 3-1 provides the names and addresses of hazardous waste generators that have provided reports to DEC.

Toxic Waste Generators

Toxic waste is defined more narrowly than hazardous waste as materials contaminating the environment that can cause death, disease, and/or birth defects. In New York State, toxic releases to land (not to air or water) by manufacturing companies in 1990 totalled 1.8 million pounds, a decrease from the previous year.

An extraordinary source of information is available on the sources of toxic release in New York State -- and, for that matter, in the United States as a whole. This is the Toxic Release Inventory (TRI). Under the Emergency Planning and Community Right-to-Know Act of the Superfund Amendments and Reauthorization Act (SARA) of 1986, certain facilities are required to provide to the government information on their toxic emissions. From this information, the EPA prepares the TRI database.

Note that the TRI allows Canadian environmental products and services firms to access up-to-date information on specific U.S. companies, including their addresses and toxic emissions.

Appendix 3-2 describes the information in the TRI and how Canadian companies may obtain it. Canadian firms may find that the most useful medium in which it is available is a CD-ROM format. It can be purchased at a very reasonable price, as shown in Appendix 3-2. For companies that wish to examine the TRI, it is available in U.S. federal depository and public libraries, several of which are located near the U.S.-Canada border. A list of these libraries that have the TRI and are located near the border is given in Appendix 3-2. Appendix 3-3 provides a sample of information retrieved through the TRI database.

The major toxic chemicals released to the environment generally (to air, land, or water) in New York State are described in Table 3-7. In terms of weight, the chemical released in the largest amount was methanol, whose releases added up to over 14 million pounds in 1990. Other major chemicals (listed by weight) include dichloromethane, toluene, and acetone.

The facilities reporting the largest amounts of releases and/or transfers generally (that is, to air, land, or water) are listed in Table 3-8. Eastman Kodak's facility in Rochester is the largest single source of toxic emissions in the state, followed by Bristol-Myers Squibb and Occidental Chemical Corp.

The facilities reporting the largest amounts of releases and/or transfers specifically to land are shown in Table 3-9. The largest single emitters are General Electric Silicone facilities in Saratoga, N.Y., followed by Eastman Kodak.

This data is presented mainly to illustrate the sorts of information that can be obtained from the TRI. These large companies are not necessarily the best final customers for Canadian firms. They may have in-house environmental engineering staffs or well-developed relationships with providers of environmental products and services. The Canadian firms should seek out specific niches, smaller generators, or newer generators. These companies should be identified with the Toxic Release Inventory -- described in Appendix 3-2 and 3-3.

Site Remediation

Important markets for remediation in New York State have been identified through state and federal programs like Superfund and through programs to clean up military facilities. Large proportions of governmental clean-up funds, including those brought about by the Superfund legislation, have been contracted out by the early 1990s, making these of lesser interest to Canadian firms than in previous years. The military environmental market continues to increase in importance.

The EPA's National Priorities List identifies sites that contain uncontrolled hazardous waste and warrant further investigation to decide if remedial action is needed. The 1990-1994 extension of SARA authorized the expenditure of US\$5 billion on the remediation of high-priority sites.

The EPA's ranking of these sites includes evaluations of migration pathways through groundwater, surface water, and air. Other criteria are potential contamination of ambient air and threats through the human food chain. A further priority is placed on facilities where the release of hazardous substances has resulted in the closing of drinking-water wells or has contaminated a water supply.

The 84 sites listed on National Priorities List for New York State appear in Appendix 3-4.

For environmental products and services firms, the remediation of military sites provides further opportunities.

The Defense Environmental Restoration Program

The Defense Environmental Restoration Program (DERP) was established in 1984 to promote and coordinate efforts for the evaluation and clean-up of contamination at U.S. Department of Defense installations. The program is managed by the Deputy Assistant Secretary of Defense (Environment).

DERP's program to restore defense installations operates through a preliminary assessment to determine if an installation poses hazards to public health or the environment. It continues with a site inspection to determine if there is specific site contamination. When warranted, sites are fully investigated with a remedial investigation/feasibility study. Thereupon, when appropriate, design/remedial action begins. Documentation on this process is available to the public for each installation in which it occurs. Inquiries should be made to the Public Affairs Office of the installation in question.

In assessing installations, DERP uses a more complex model than does EPA. It assesses the hazards posed by the characteristics, concentrations, and mobility of the contaminants. It examines the pathways by which contaminants are transported, whether they are water, groundwater, air or soil. And it assesses the potential human and ecological receptors of contamination.

Of 253 remedial activities initiated by DERP in 163 U.S. installations in fiscal year 1991, 116 activities primarily involved waste removal. Another 85 involved site treatment/remediation. Other activities consisted of water supply or treatment work, incineration, decontamination, and groundwater treatment, as shown in Table 3-10.

In DERP terminology, an "installation" may have several "sites." New York State has 90 DERP installations, each with at least one site. (Note that three of these are also on the EPA's National Priorities List.) Of these DERP installations, 65 are Army installations, 9 are Navy, 14 are Air Force, and 2 are associated with the Defense Logistics Agency. Altogether, across all these installations, DERP has identified 653 sites. Appendix 3-5 lists these New York State installations and the number of sites in each.

Note also that these installations are in various stages of being proposed, studied, currently remediated, scheduled for future studies, or closed out. Furthermore, DERP engages in research, development, and demonstration of cleanup technologies and hazardous waste minimization. Such research is conducted separately by military branches, such as the Air Force's research program in steam injection and vapor extraction to remove contaminants from soil and groundwater. An Installation Restoration Coordinating Group has representatives for the relevant defense branches to coordinate this R&D.

For further general information, Canadian firms may contact the office of the Deputy Assistant Secretary of Defense (Environment). Actual program management occurs through the several defense branches as shown below:

Army

Program management:

Chief of Engineers

Army Environmental Office

US Army Toxic and Hazardous Materials Agency

Technical support:

US Army Corps of Engineers

Program Implementation:

Major Commands (Environmental Offices)

Installations (Environmental Coordinator)

Navy

Program management:

Navy Facilities Engineering Command

Program implementation:

Engineering Field Divisions

Air Force

Program management:

Air Force Civil Engineer

Environmental Quality Directorate

Technical support:

Air Force Center for Environmental Excellence

Program implementation:

Major Commands and Installation Commanders

Defense Logistics Agency

Program management:

Office of Installation Services & Environmental Protection

Technical support:

Army Corps of Engineers, Hunstville Division

Program implementation:

Primary Level Field Activity Commanders

Environmental Officers

SECTION 4: AIR POLLUTION

Overview

The air pollution control segment consists of two major subsegments. One is mobile sources--that is, vehicles. The second is stationary sources, mainly manufacturing industries and utilities. Though mobile sources at present provide the larger share of the air pollution control market, stationary sources offer the more significant growth opportunity.

This section focuses on New York opportunities in the control of stationary sources of air pollution.

Demand Determinants and Growth Prospects

In the U.S. Generally

Unless there is a regulatory reversal, the major force driving the air pollution segment of the U.S. environmental products and services industry over the next decade and a half will be the Clean Air Act.

Amendments to this act in 1990 seek to resolve problems in air pollution control remaining after earlier control efforts, especially problems of acid rain and toxic air pollutants. The amendments are expected to come into effect slowly, attaining full force only by 2005. Note that the largest-scale expenditures are likely to occur only after this date.

If the Clean Air Act amendments are fully implemented, they will impose unprecedented controls over air emissions. The amendments require reductions of up to 90% in toxic air emissions, add compliance requirements for nearly two hundred chemicals, and impose the "Maximum Achievable Control technology" standards on new and existing sources of emissions. Thousands of firms that, before the amendments, were only marginally affected by air pollution controls must now respond to sweeping new regulations on air toxics.

As a result, minor generators of air pollution are going to be entering the market. They include printers, bakeries, dry cleaners, auto-body repair shops, and other small operations. Their purchases will include carbon absorbers, oxidizers, and other controls for ozone-forming volatile organic compounds (VOCs).

To control acid rain, the 1990 amendments also require utilities to cut 10 million tons of sulphur dioxide and two million tons of nitrogen oxides from their emissions.

Besides the utilities, other industries expected to continue to be important markets for air pollution equipment and services are chemicals, pulp and paper, and municipal incinerators.

Even before these regulations come into effect, state and regional air pollution regulations, particularly those in the Southern California, will activate the market. For air pollution control equipment and related services, growth rates in the early 1990s have been estimated at 20%. Growth is expected in sales of scrubbers, oxidation systems, fabric filters, dry absorbers, flue gas desulfurization systems, and precipitators. Services expected to experience growth include air monitoring, compliance assurance, inspection, and maintenance.

New technologies being developed for air pollution control feature microbial cleaning, electron beams for flue gas removal, or coal gasification. Since the 1990 amendments require controls for newly listed toxic substances for which control technologies do not exist, there are good long-run opportunities for technologically innovative firms. The commercial acceptability of any innovative technologies depends, however, on their ability to meet EPA requirements.

New York State

New York State continues to be among the leaders in air pollution regulation. According to Redma Consulting, the state has ranked fourth in the nation in ozone-depleting emissions and tenth in toxic releases to air. The air pollution problems and regulatory response are reflected both in New York expenditures on air pollution control and on the market's growth rates.

According to reliable U.S. Census Bureau data, New York manufacturing establishments spent US\$122 million in 1990 capital expenditures for air pollution control, behind only California, Georgia, Ohio, and Texas. (The data excludes electric utilities and municipal incinerators). The same category of New York emitters spent US\$110 million in annual operating costs for air pollution abatement in 1990.

Census data also shows that the greatest proportion of capital expenditures goes for the control of particulates followed by hydrocarbon volatile organic compounds, hazardous air pollutants, sulfur oxides, nitrogen oxides and carbon monoxide, and lead.

The capital expenditures reflect rapid growth over previous years, as shown in Table 4-1. The \$122 million capital expenditure in 1990 reflects a jump from US\$29 million in 1986. The \$110 million in operating expenditure reflects growth from US\$87 million in 1986. Given national regulatory requirements, these trends will continue or accelerate in the coming years.

Laws and Regulations

National

The primary driving force behind air pollution control in all states is the federal Clean Air Act. The act's legislative history goes back to the 1950s, but it gained significance only with the amendments of 1970, when the newly formed EPA was given the authority to set national emission standards. The amendments of 1990 are intended to remedy deficiencies in certain kinds of air pollution control, especially toxic pollutants and the agents causing acid rain.

The 1990 amendments have several important features. Title I establishes schedules for cities to comply with standards for ozone, carbon monoxide, and particulates. Title II deals with mobile sources, setting stricter standards for tailpipe emissions and requiring reformulated gas in some areas. Title III deals with air toxins, creating standards for facilities that emit any of 184 chemicals. Title IV addresses acid rain. It requires power plants using fossil fuel to reduce sulfur dioxide and nitrogen oxides emissions. Title V creates a permit system to manage compliance. And Title VI phases out the use of chemicals that contribute to the destruction of stratospheric ozone.

State

Air pollution in New York is regulated by the state's Air Pollution Control Act. It seeks to achieve certain levels of air quality in the state's various geographical regions. It also limits the amount of contaminants that specific sources emit. The state law contains the requirements set forth in the federal Clean Air Act, since federal law delegates to the states the primary role in enforcing the Act.

Air pollution regulations in New York State are enforced by the DEC's Division of Air Resources. Companies interested in updated rules and regulations and permitting requirements can contact the division at the phone numbers given in the directory in Appendix 1-3, or consult works such as the New York Environmental Law Handbook.

Final Customers for Stationary Air Pollution Control

According to reliable census figures, New York manufacturing firms expended \$221 million on air pollution control in 1990. Table 4-2 shows how this was divided between capital and operating expenditures. It also shows how the expenditures was distributed among manufacturing industries.

Excluding industries for which the Census Bureau held back information, the industries spending the most on air pollution were, in order, Primary Metals, Electronic and Other Electric Equipment, and Chemicals and Allied Products. The industries spending the most in operating costs for air pollution control were Primary Metals, Stone, Clay, and Glass Products, and Chemicals and Allied Products.

In addition to these manufacturers, other important stationary sources of air pollution are mines, utilities, municipal incinerators, and other incinerators (such as those in hospitals).

For a list of resource recovery and medical incinerators in New York State see Appendices 2-3 and 2-4. The Department of Environmental Conservation's Division of Air Resources regulates and provides permits for air pollution emitters. Permit holders are presently recorded electronically. The Division does not at this point provide lists of major stationary sources of air pollution, but such a list may be prepared by late 1992.

However, sources of toxic pollutants are available through the Toxic Release Inventory as described in Section 3. Appendix 3-2 and Appendix 3-3 describe TRI and the means of obtaining it in detail. TRI can be used for identifying all significant emitters of toxic pollutants into the air.

TRI reports both fugitive (non-point) and stack (point) emissions. According to summary data drawn from TRI, fugitive and stack emissions in New York State amounted to 69.5 million pounds, which was a 15 percent reduction from the previous year. Such toxic releases to air account for almost 95 percent of all releases to the environment. Air is, therefore, the primary medium by which chemicals are released into the state's environment.

Of 160 chemicals reported in TRI to have been released to the air, 20 constituted 95% of the total by weight. The chemicals released to the air in largest amounts were--in order by weight--dichloromethane, toluene, methanol, hydrochloric acid, and acetone. Table 4-3 lists the 20 chemicals emitted to the air in largest amounts.

The facilities reporting the largest total air emissions (both stack and fugitive emissions) by weight, were the following: Eastman Kodak in Rochester releasing dichloromethane, Occidental Chemical Corp.'s Energy-from-Waste facility releasing hydrochloric acid, Eastman Kodak's facility releasing methanol, and Bristol-Myers Squibb Co. in Onondaga County releasing acetone. The list of these 20 largest sources of specific chemicals appears in Table 4-4.

Canadian firms in air pollution control products and services can use TRI as a marketing tool. They can use the TRI to find the names and addresses of small as well as large firms that are point or stack sources of specific toxic chemicals.

SECTION 5: MARKETING CHANNELS AND MARKETING SUPPORT

Overview

For Canadian providers of environmental products and services, marketing channels in New York State will be similar to those in the United States. Firms will have these general options:

1. Direct sales to final customers, whether municipal or industrial.
2. Sales through consulting engineering firms that package the products and services of numerous companies to deliver on a specific project.
3. Sales through manufacturing representatives, franchises, and joint ventures.

Each of these are discussed below, followed by a summary of specific marketing events and opportunities in New York.

Choosing Channels of Distribution

Canadian firms would especially choose to work with New York consulting engineers if their product or services is typically sold as part of a larger package or turnkey project.

They might choose to work with franchises and joint ventures if they are concerned about the particular difficulties faced in the U.S. market. Two particular hurdles should be mentioned:

Liability. Companies that have to make complex cost estimates as part of their business should be aware that they can be held liable for damages from excessively optimistic cost estimates. Cost estimators must be very cautious and conservative in U.S. operations.

In addition, the hazardous waste field is particularly prone to costly and drawn-out litigation. However, new forms of insurance coverage, a trend toward mediation and arbitration to settle disputes out of court, and federal attempts to introduce liability limitations may be reducing risks for environmental firms.

Sales to State and Local Government. Note that the Free Trade Agreement's section on government does not address state and local government purchases. While the federal government is bound by the FTA, local and state governments are not. Many local governments often have local preference clauses in their contracts. To take advantage of these significant markets, Canadian firms should consider developing relationships with franchisees or joint venture partners.

Insurance, licensing, and regulatory factors. These factors are often best dealt with not simply by supplying from Canada, but by developing relationships with partners or franchisees aware of specific conditions in New York.

Sales to Final Consumers

Identifying Customers with this Report

Sections 2, 3, and 4 of this report have given a series of specific suggestions on identifying final customers for solid waste, hazardous waste, and air pollution abatement. Here is a summary of some of those final customers on which this report has given specific leads.

Solid Waste Programs

--For information on currently proposed or planned solid waste facilities (landfills, waste-to-energy, materials recovery, etc.) in specific areas of the state, contact Solid Waste Management Planning Units and ask for their plans. See Appendix 2-2.

--For information on the opening, closing, or upgrading of landfills, contact the DEC's Division of Solid Waste for a current list.

--For lists of materials recovery facilities, yard waste and sewage sludge composting facilities, and waste-to-energy facilities in upstate New York, see Tables 2-1, 2-2, and 2-3.

-- A list of names and addresses of resource recovery projects in New York State appears in Appendix 2-3.

--A list of medical waste incinerators can be found in Appendix 2-4.

--For sales to private firms working on source reduction and recycling of solid waste, select firms in specific industries suggested in Table 2-4 and 2-5. On means of identifying specific firms in selected industries, see below.

Solid Hazardous Waste

To select manufacturing industries spending significant funds on solid hazardous waste abatement, see Tables 3-5 and 3-6. To identify specific firms within the industry, see below.

A list of the names and addresses of specific hazardous waste generators that have provided reports to New York State appears in Appendix 3-1.

Generators of toxic hazardous waste should be identified with the TRI system, which is explained in Appendices 3-2 and 3-3.

EPA's National Priorities List and the Department of Defense's list of environmental restoration sites--both in New York--are provided in Appendices 3-4 and 3-5.

Air Pollution

To select industries with high spending patterns in air pollution abatement, see Table 4-2. For means of identifying firms in specific industries, see below.

Resource recovery and medical incinerators in upstate New York are listed in Appendices 2-3 and 2-4.

DEC's Division of Air Resources may be able to provide lists of major stationary sources of air pollution in New York by late 1992.

Firms generating toxic releases to the air should be identified with the TRI system, described in Appendices 3-4 and 3-5.

Final customers for environmental products and services firms include manufacturing, service, and public sectors. Means of identifying specific manufacturing and service firms are described below. This is followed by a discussion of particular concerns Canadian firms should have about selling directly to the state and local public sector.

Identifying Manufacturing and Service Firms

Having selected industries that purchase solid waste, hazardous waste, or air pollution products or services, we have to go on to identify specific firms. Gale Research has several directories listed below that are specific to the environmental industry. They also have general business directories as noted. Many of the Consulates' libraries have some of the directories as well as industry databases:

Gale Environmental Sourcebook

Environmental Industries Marketplace

Environmental Viewpoints

Recycling Sourcebook

To identify manufacturing firms: Ward's Business Directory, Manufacturing USA, Gale Research

To identify service industry firms: Ward's Business Directory, Service Industries USA, Gale Research.

These and other directories can be found in major business research libraries or ordered. Gale Research's phone number for inquiries about purchase is 313-961-2242.

Address lists by SIC code, zip code, and state may also be purchased commercially. One source is TRW Information Services. Its phone number is 800-527-3933.

Selling to Engineering Consulting Firms

A critical question that Canadian environmental products and services companies face is should they sell in the U.S. (whether through company sales, local representatives, franchise holders, or partners) to final customers or rather to environmental consulting firms.

Many or most firms will choose to work with engineering consulting firms. In complex projects they act as packagers of numerous products and services, and bring together several subcontractors, to conduct a project for the final customer. The engineering consulting firm is, therefore, frequently the most important channel of distribution in the environmental industry.

In recent years, an environmental consulting industry has gained a separate identity in consulting for environmental matters, though in its work and staffing it strongly resembles the consulting engineering industry. The largest environmental consulting firm headquartered in upstate New York is probably Ecology and Environment Inc. in Lancaster (near Buffalo). It engages in clean-up/remediation, sampling, and laboratory analysis, as well as engineering and scientific consulting services. It has 428 full time employees in the region and 978 in the U.S. as a whole.

A list of consulting engineering firms with some expertise in environmental consulting appears in Appendix 5-1.

In addition, Canadian firms may obtain the Environmental Engineering Selection Guide from the American Academy of Environmental Engineers, in Annapolis, Maryland, at (301) 266-3311. This free publication includes information on selection procedures and gives updated listings of environmental engineers by geographical area and specialty.

The Professional Services Management Journal of Newton, Massachusetts also provides periodic reviews of fees and financial statistics of U.S. engineering firms. It can be obtained from (617) 965-0055.

How should engineering consultants be selected from these lists? According to an Ernst and Young report, Canadian firms should look to some of the following means:

--Using the existing contact base, since Canadian firms are already large exporters to the U.S. and are likely to have New York contacts.

--Looking to U.S. companies with Canadian investments and branches, since Canada generally relies heavily on foreign investment.

--By contacting Canadian environmental engineering consulting firms that are already operating in the U.S. market. Examples include Acres, Agra, Conestoga-Rovers, Golder, Gore & Storrie, Monenco, Simons, and SNC-Lavalin.

Acres International and Golder have branches in the Western New York region, which is near the Canadian border. Stewart Thompson of Acres International in Amherst (near Buffalo), New York, welcomes inquiries from Canadian environmental products and services firms.

Manufacturers' Representatives, Franchises, and Joint Ventures

For Canadian manufacturers of environmental goods and equipment, marketing specialists with experience in the New York market frequently recommend sales representatives or franchise relationships. A sales representative in New York who knows the appropriate industrial market can often "pound the pavement" more effectively than the home firm's own sales staff.

Franchising with a well established representative may be the most cost-effective way of entering the U.S. market -- if the franchisee can effectively handle an environmental firm's frequently specialized product line. Appropriate representatives and franchisees are often best found by telephoning equipment manufacturers to find out who is representing them.

Joint ventures are often especially appropriate because the joint venture partner can: provide access to niche markets, provide experience on the specifics of a new market, strengthen management skills in both firms, pool resources and spread risks, and assist in raising capital. But partners new to joint ventures take risks of mistrust and of misunderstanding each others strategic needs; and have fears of sharing information.

Consultants Ernst and Young suggest the following common-sense criteria for selecting joint venture partners:

- the joint venture is operationally well-defined,
- the partners have clearly expressed and commonly held strategic goals,
- outcomes of the partnership are regularly reviewed and evaluated,
- the future development of the joint venture is mutually understood to depend on performance,
- the joint venture reflects a combination of complimentary strengths of the partners, and
- there is an agreed-upon procedure for the termination of the relationship.

Advertising and Trade Shows

Environmental firms can contact final customers through the following methods:

- direct mail (use the addresses and methods suggested in this report),
- sales calls by staff salespersons or manufacturers representatives,
- advertising,
- trade shows,
- databases, and
- technical contacts through universities.

There are no trade publications specifically directed at the New York's environmental industry and clients. U.S. national publications would have to be used to reach final customers, including Air Pollution, Waste Age, Environment, Chemical Engineering and Environmental Protection.

New York does, however, have industry trade shows that can provide excellent leads and contacts for the New York market. Canadian companies can inquire about participation in the following:

Key Productions Inc. is organizing the 2nd annual Lower Great Lakes Waste Recycling Expo & Conference to be held Nov. 18 and 19 at the Buffalo Convention Center. Interested parties should contact Key Productions at (203) 247-8363 or (800) 753-9776.

The New York Legislative Commission on Solid Waste is organizing the 9th annual Conference on Solid Waste Management and Materials Policy to be held January 27th to the 29th, 1993 at the New York City Sheraton Hotel and Towers. Interested parties should contact Tara Roberts at (518) 455-3711. In addition, Inter-Expo organizes an exhibition for companies to show their products. Contact Elaine Lauzel at (516) 674-0200.

The NYS Department of Environmental Conservation has sponsored a recycling conference and vendor show in recent years. It has been held to inform recycling coordinators, municipal officials, educators and other professionals of the latest recycling innovations. As this report was being prepared, plans were not yet firm for a conference in 1992. Those interested should inquire at the DEC Division of Solid Waste, (518) 457-6603.

On-Line Databases

In order to assist the development of markets for recyclable materials, the New York State Department of Economic Development has developed programs of assistance to firms that generate or purchase recyclable materials. The programs are carried out by the Department's Office of Recycling Market Development.

The Office has worked to develop demand for old newspapers, office papers and magazines, phone directories, plastics, steel cans, glass, tires, dry cell batteries, and construction and demolition debris.

As a primary mechanism for developing such markets, the Office has been completing the development of a computerized market information database. The database contains listings for manufacturers, exporters, brokers, and other major buyers of recyclable materials in the Eastern U.S. and Canada. The listing also covers intermediate processors and wastepaper dealers. Listings include information on quality specifications, quantity restrictions, and packaging and shipping requirements.

Inquiries about accessing or being listed on the database should be made to the Department of Economic Development's Office of Recycling Market Development at (518) 486-6291.

The same office also produces a number of useful publications, including an annual Status of Markets report and a quarterly newsletter, The Market. Inquiries about these newsletters should be made to the same phone number.

University Research Programs

Three university research programs in New York State offer still another means of developing relationships with the New York Market. The research programs' provide information on current research through newsletters, publications, seminars and workshops. They also offer opportunities for research cooperation and for developing technical contacts.

The programs are as follows:

The New York State Center for Hazardous Waste Management

Executive Director: Dr. Ralph Rumer
State University of New York at Buffalo
207 Jarvis Hall
Buffalo, New York 14260
(716) 636-3446

Waste Management Institute
Director: Dr. R. Lawrence Swanson
Marine Sciences Research Center
State University of New York at Stony Brook
Stony Brook, New York 11794
(516) 632-8704

Cornell Waste Management Institute and
New York State Solid Waste Combustion Institute
Director: Dr. Richard Schuller
Cornell University
468 Hollister Hall
Ithaca, New York 14853
(607) 255-7535

These organizations cooperate with State University of New York's College of Environmental Science and Forestry in Syracuse, New York, to produce the Waste Management Research Report. To obtain this publication, contact the editorial office at:

123 Bray Hall
SUNY College of Environmental College and Forestry
Syracuse, New York 13210
(315) 470-6644.

TABLE 1-1

CAPITAL EXPENDITURES & OPERATING COSTS FOR POLLUTION ABATEMENT IN THE
 TEN STATES HAVING HIGHEST POLLUTION ABATEMENT CAPITAL EXPENDITURES AND
 OPERATING COSTS IN MANUFACTURING ESTABLISHMENTS, 1990
 (IN U.S. \$ MILLIONS)

STATE	CAPITAL EXPENDITURES				OPERATING COSTS			
	TOTAL	AIR	WATER	SOLID WASTE	TOTAL	AIR	WATER	SOLID WASTE
CALIFORNIA	503.0	286.6	176.1	40.3	1,818.5	673.7	558.2	586.6
GEORGIA	238.3	124.8	98.8	14.7	407.8	104.4	187.5	116.0
ILLINOIS	273.2	81.0	158.3	33.8	842.4	287.8	276.7	277.9
INDIANA	246.7	94.2	131.7	20.7	628.5	183.2	257.5	187.9
LOUISIANA	301.9	85.4	144.9	71.6	827.0	261.3	328.9	236.7
NEW YORK	249.3	121.8	78.9	48.7	619.5	109.6	239.9	270.0
N. CAROLINA	212.3	81.3	110.6	20.4	431.4	117.7	172.1	141.7
OHIO	298.9	130.8	128.5	39.5	1,115.4	283.8	415.0	416.6
PENNSYLVANIA	206.1	94.1	81.5	30.6	880.3	268.8	271.5	340.0
TEXAS	895.3	328.7	417.8	148.8	1,888.0	709.7	606.4	571.9

Source: U.S. BUREAU OF THE CENSUS, CURRENT INDUSTRIAL REPORTS

TABLE 1-2

**CAPITAL EXPENDITURES & OPERATING COSTS FOR POLLUTION ABATEMENT IN THE
U.S. & NEW YORK STATE
1986-1990
(IN U.S. \$ MILLIONS)**

UNITED STATES	CAPITAL EXPENDITURES				OPERATING COSTS			
	TOTAL	AIR	WATER	SOLID WASTE	TOTAL	AIR	WATER	SOLID WASTE
% CHANGE 1986-1990	111.8	75.1	155.3	136.8	39.3	17.6	33.1	77.6
1990	6,030.8	2,562.0	2,651.4	817.5	17,070.7	5,010.9	6,416.4	5,643.4
1989	4,309.0	1,819.0	1,824.5	665.5	15,625.0	4,694.2	5,853.4	5,078.0
1988	3,423.3	1,524.1	1,289.4	609.7	14,008.0	4,466.5	5,275.9	4,265.8
1986	2,846.9	1,462.9	1,038.7	345.3	12,258.0	4,261.0	4,820.2	3,176.9
NEW YORK								
% CHANGE 1986-1990	128.1	325.9	24.4	181.5	19.3	26.7	-6.1	52.1
1990	249.3	121.8	78.9	48.7	619.5	109.6	239.9	270.0
1989	209.5	96.7	74.0	38.8	624.6	111.5	241.9	271.2
1988	102.1	45.8	33.0	23.2	556.5	87.7	206.8	262.1
1986	109.3	28.6	63.4	17.3	519.5	86.5	255.5	177.5

Source: U.S. BUREAU OF THE CENSUS, CURRENT INDUSTRIAL REPORTS

Cannon Park	13
Sar. Spr.	8
Ft. Edward	>50
Newport	50
Little Falls	50
Panama	50
Ellisburg	25
Lowville	50
Utica	50
Utica	200
Rome	50
Rome	50
Rome	50
Ogdensburg	25
Gouverneur	50
Clifton	25
Parishville	50

CONTINUED



Table 2-1
Materials Recovery Facilities in New York State, 1991
Over 5 Tons/Day Design Capacity

DEC Region	Facility Name	County	Town, City or Village	Design Capacity Tons/Day
3	DCRRA	Dutchess	Poughkeepsie	75
3	OCDPW	Orange	Goshen	78
3	A-1 Compaction Inc.	Westchester	Yonkers	500
3	Bass Disposal Corp.	Westchester	Mt. Vernon	1000
3	County Recycling Inc.	Westchester	Mt. Kisco	90
3	Karta Ind., Inc.	Westchester	Peekskill	N.A.
3	Suburban Carting	Westchester	Mamaroneck	250
3	WCDPW	Westchester	Yonkers	350
4	Colonie (T) MRF	Albany	Colonie	<50
4	Casings, Inc.	Greene	Catskill	80
4	Greene Co.	Greene	Catskill	5-50
4	No. American Recycling	Rensselaer	Rensselaer	48
4	NY Environ. Recycling	Schenectady	Schenectady	240(cyd)
4	Rotterdam Recycling	Schenectady	Rotterdam	5-50
4	Schenectady Co.	Schenectady	Rotterdam	5-50
5	Milton Recycling Ctr.	Saratoga	Milton	6
5	Clifton Pk. Rec. Ctr.	Saratoga	Clifton Park	13
5	Saratoga Springs Rec.	Saratoga	Sar. Spr.	8
5	N. American Recycling	Washington	Ft. Edward	>50
6	Humpf San. & Tkg.	Herkimer	Newport	50
6	Waste Management TS/RF	Herkimer	Little Falls	50
6	Jefferson County MRF	Jefferson	Pamelia	50
6	Ellisburg San. LF/RF	Jefferson	Ellisburg	25
6	Lewis County MRF	Lewis	Lowville	50
6	Empire Recycling Corp.	Oneida	Utica	50
6	Oneida/Herkimer SWMA	Oneida	Utica	200
6	Rome ERF	Oneida	Rome	50
6	Rome (C)	Oneida	Rome	50
6	Sweet Inc.	Oneida	Rome	50
6	St. Lawrence Co. SWDA	St. Lawrence	Ogdensburg	25
6	Gouverneur TS/RF	St. Lawrence	Gouverneur	50
6	Star Lake SWDA TS/RF	St. Lawrence	Clifton	25
6	Waste Stream Man. MRF	St. Lawrence	Parishville	50

CONTINUED



Table 2-1 Continued

DEC Region	Facility Name	County	Town, City or Village	Design Capacity Tons/Day
7	Envirocycle	Broome	Endicott	9
7	Broome Recycles	Broome	Union	35
7	Madison Co. ARC	Madison	Wampsville	90
7	ARSI	Onondaga	Syracuse	45
7	Empire Returns	Onondaga	Salina	400
7	Oswego Co. MRF	Oswego	Oswego	160
7	Tompkins Co. CPF	Tompkins	Ithaca	100
8	Chemung County MRF	Chemung	Elmira	75
8	RRT Empire Returns	Monroe	Rochester	50
8	Ontario Recycling Inc.	Monroe	Rochester	N.A.
8	Western Fgr. Lakes #2	Wayne	Arcadia	50
8	Rochester (C)	Monroe	Rochester	400
9	Railroad Valley Rec.	Allegany	Belfast	250
9	IWS Hopkins ST. MRF	Erie	Buffalo	300
9	CID Recycling Center	Erie	Chaffee	<50
9	Domtar Fiber	Erie	Buffalo	<50
9	CID Recycling Center	Erie	Hamburg	<50
9	Modern Recycling	Niagara	Lewiston	60

Source: New York State Department of Environmental Conservation

Table 2-2
**YARD WASTE AND SEWAGE SLUDGE COMPOSTING FACILITIES
 IN UPSTATE NEW YORK, 1991**

FACILITY NAME	DEC REGION	COUNTY
<u>SEWAGE SLUDGE</u>		
Tri-Municipal Sewage	3	Dutchess
Yorktown Hghts STP	3	Westchester
Guilderland (Nott Rd)	4	Albany
Schenectady	4	Schenectady
Plattsburgh	5	Clinton
Altona Lagoon Sludge	5	Clinton
Endicott	7	Broome
Minoa	7	Onondaga
Manchester/Shortsvl	8	Ontario
Village of Gowanda	9	Erie
City of Lockport	9	Niagara
<u>YARD WASTE</u>		
City of Beacon	3	Dutchess
Neal Adlers Topsoil	3	Orange
Clarkstown (T)	3	Rockland
Rockland County	3	Rockland
Clarkstown (T)	3	Rockland
County of Rockland	3	Rockland
Mamaroneck	3	Westchester
Scarsdale	3	Westchester
Port Chester	3	Westchester
Scarsdale (V)	3	Westchester
Mount Pleasant	3	Westchester
Greenburg (T)	3	Westchester
Irvington	3	Westchester
Town of Bedford	3	Westchester
Croton Point	3	Westchester
New Rochelle	3	Westchester
Town of Lewisboro	3	Westchester
Town of Eastchester	3	Westchester
Town of Harrison	3	Westchester
The City of Albany	4	Albany
Colonie (T)	4	Albany
Schenectady (C)	4	Schenectady
Endicott Leaf/Yard	7	Broome
Mulch Inc.	8	Wayne
Cattaraugus County	9	Cattaraugus
Town of Amherst	9	Erie
City of Buffalo	9	Erie

Source: NYS Department of Environmental Conservation



Table 2-3
WASTE-TO-ENERGY FACILITIES IN UPSTATE NEW YORK

<u>MUNICIPALITY</u>	<u>DESIGN CAPACITY</u> tons per day	<u>STATUS</u> <u>AS OF 8/90</u>
Westchester County	2250	Operational
Dutchess County	400	Operational
Albany (C)	600	Operational
Albany (Amer. Ref-Fuel)	1500	Under Planning
Montgomery/Fulton/Otsego/ Schoharie Counties	400	Under Planning
Washington/Warren Counties	400	Under Construction
Oneida County	200	Operational
Herkimer/Oneida Counties	400	Under Planning
Oswego County	200	Operational
Broome County	570	In Permitting
Onondaga County	990	In Permitting
Cattaraugus/Allegany Counties	108	Operational
Niagara Falls (C) (Occidental Energy Corp.)	2200	Operational
SUBTOTAL CAPACITY IN UPSTATE NY:	10,218	

Source: NYS Department of Environmental Conservation, 1991

TABLE 2-4

RECYCLABLE MATERIALS COMPOSITION BY BUSINESS ACTIVITY SEGMENT IN NYS
(TONS/YEAR)

BUSINESS SEGMENT	PAPER	PLASTICS	GLASS	FOOD	YARD	TEXTILE	METAL CONTAINERS	SCRAP FERROUS	WOOD	ALUM-INUM	OTHER	TOTAL
OFFICES	681,286	43,672	17,469	0	0	0	0	0	0	0	131,017	873,443
FOOD STORE	1,277,074	85,138	17,028	255,415	0	0	0	0	0	0	68,111	1,702,765
RETAIL	1,476,541	149,794	21,399	171,193	0	0	0	85,597	235,391	0	0	2,139,914
REST-AURANT	411,908	122,047	106,791	335,629	0	0	45,768	15,256	0	0	488,187	1,525,585
HOSPITAL	130,383	23,469	7,823	0	0	23,469	2,608	5,215	0	0	67,799	260,767
ELE/SEC SCHOOL	89,280	14,285	1,786	17,856	8,928	0	1,786	1,786	12,499	0	30,355	178,560
COL/UNIVERS.	133,890	21,422	2,678	26,778	13,389	0	2,678	2,678	18,745	0	45,523	267,781
FOOD PROCESS.	3,741	1,247	0	57,357	0	0	0	0	0	0	0	62,344
MANUFACT	287,911	92,874	18,575	0	65,012	0	0	74,300	102,162	0	287,911	928,744
TOTAL	4,492,013	553,949	193,548	864,227	87,329	23,469	52,839	184,831	368,796	0	1,118,902	7,939,903

Source: NYS DEPARTMENT OF ECONOMIC DEVELOPMENT

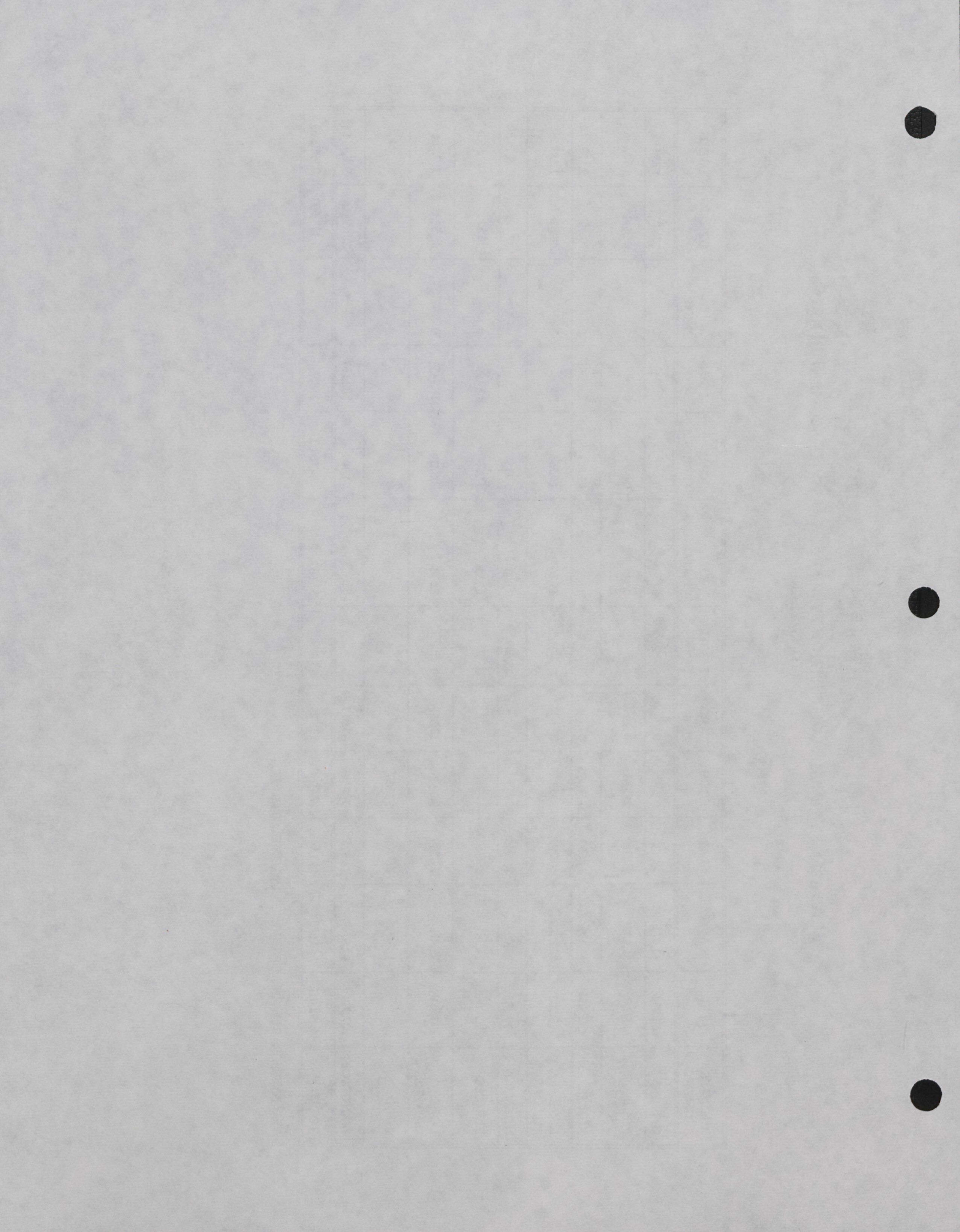


TABLE 2-5

TYPES OF RECYCLABLE PAPER BY BUSINESS ACTIVITY SEGMENT IN NYS
(TONS/YEAR)

BUSINESS SEGMENT	OLD CORRUGATED CONTAINERS	OFFICE PAPERS	COMPUTER PRINTOUT	MIXED PAPER	OLD NEWSPAPERS	TOTAL
OFFICES	52,407	288,236	209,626	52,407	78,610	681,286
FOOD STORE	1,004,631	0	0	204,332	68,111	1,277,074
RETAIL	1,112,755	106,996	0	213,991	42,798	1,476,541
RESTAURANT	259,349	0	0	152,559	0	411,908
HOSPITAL	41,723	31,292	0	46,938	10,431	130,383
ELE/SEC SCHOOL	19,642	23,213	10,714	28,570	7,142	89,280
COL/UNIVERSITY	29,456	34,811	16,067	42,845	10,711	133,890
FOOD PROCESSING	3,117	0	0	623	0	3,741
MANUFACTURING	204,324	27,862	0	55,725	0	287,911
TOTAL	2,727,404	512,411	236,407	797,989	217,803	4,492,013

Source: NYS DEPARTMENT OF ECONOMIC DEVELOPMENT

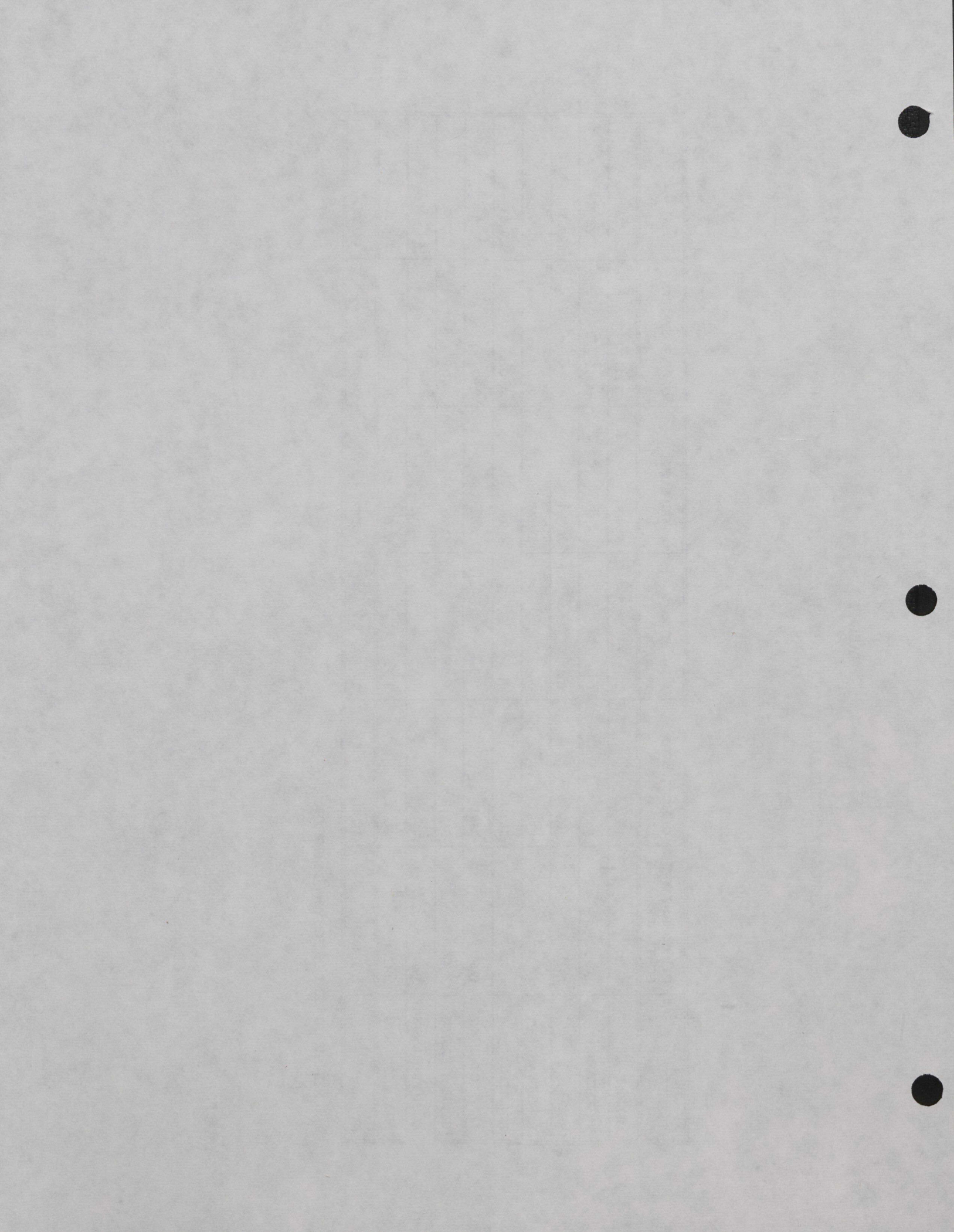


TABLE 3-1a

SUMMARY OF HAZARDOUS WASTE GENERATION AND DISPOSAL IN NEW YORK STATE

1. Total of hazardous waste generated in state	7,611,599 tons
2. Total aqueous hazardous waste generated in state	6,557,320 tons
3. Total non-aqueous hazardous waste generated in state	447,954 tons
a. Total non-aqueous hazardous waste generated in state, disposed or stored in state	233,936 tons
b. Total non-aqueous hazardous waste generated in state and disposed of outside of New York state	214,018 tons
c. Total non-aqueous hazardous waste generated outside of New York disposed of in state	67,343 tons
d. Total non-aqueous hazardous waste disposed of in New York state	301,279 tons
4. Total on-site solvent recovery generation	606,325 tons

Source: 1990 ANNUAL REPORT, GENERATION AND DISPOSAL OF HAZARDOUS WASTE IN NEW YORK STATE

TABLE 3-1b

DISPOSAL OF NON-AQUEOUS HAZARDOUS WASTE IN NEW YORK STATE
1986-1990

	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Amount disposed of in state (tons)	504,581	763,490	467,627	411,764	301,279

Source: 1990 ANNUAL REPORT, GENERATION AND DISPOSAL OF HAZARDOUS WASTE IN NEW YORK STATE

TABLE 3-2

GENERAL SUMMARY OF TOXIC RELEASES TO AIR, WATER AND LAND, 1991
FROM THE NEW YORK STATE TOXIC RELEASE INVENTORY

RELEASE/TRANSFER MEDIA	NO. OF CHEMICALS REPORTED	NO. OF RELEASES/ TRANSFERS	1990 LBS/YR	PERCENT CHANGE FROM 1989
RELEASES TO THE ENVIRONMENT				
AIR: Fugitive Air Emissions	148	1,856	23,584,000	- 19%
AIR: Stack Air Emissions	147	1,963	45,892,000	- 13%
AIR: TOTAL Emissions	160	NA	69,476,000	- 15%
WATER: Discharges	99	432	2,107,000	+ 17%
LAND: On-Site Landfill	26	40	1,652,000	- 14%
LAND: Treatment/Applic. Farming	13	18	88,000	+ 22%
LAND: Surface Impoundment	15	14	73,000	- 49%
LAND: Other Disposal	30	63	29,000	- 52%
LAND: Combined TOTALS	47	135	1,842,000	- 16%
TRANSFERS IN WASTE TO OFF-SITE LOCATIONS				
POTWs	107	669	12,981,000	- 19%
OTHER: In State	107	960	7,860,000	- 46%
OTHER: Out of State	111	1,274	15,803,000	+ 14%
OTHER: Combined TOTALS	128	2,234	23,663,000	- 17%
TOTAL OF ALL RELEASES AND TRANSFERS				
RELEASES & TRANSFERS: TOTAL	167	7,232	110,069,000	- 16%

REPORTING YEAR	1990	1989
NUMBER OF REPORTING FACILITIES	908	941
NUMBER OF FORMS SUBMITTED	2,888	3,048

9-9-91

Source: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

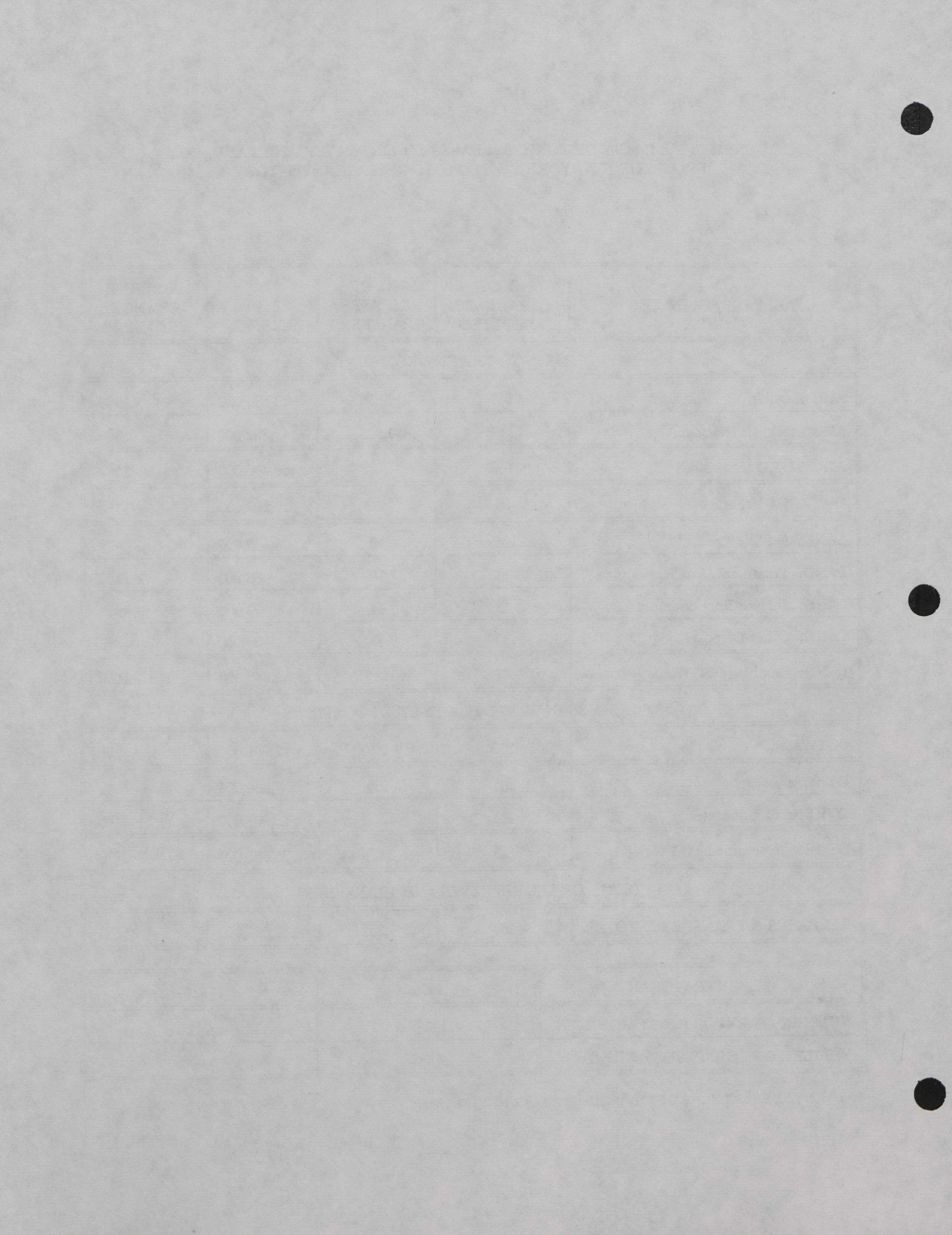


TABLE 3-3

NON-AQUEOUS HAZARDOUS WASTE GENERATED IN NEW YORK STATE
CLASSIFIED BY WASTE TYPE

WASTE DESCRIPTION	AMOUNT (TONS)	% OF TOTAL
CHARACTERISTIC WASTE		
IGNITABLE	70,904	15.83
CORROSIVE	44,394	9.91
REACTIVE	3,694	0.82
EP-TOXIC METALS	49,179	10.97
EP-TOXIC PESTICIDES	2	----
LISTED WASTE		
HALOGENATED SOLVENTS	62,639	13.98
NON-HALOGENATED SOLVENTS	45,389	10.13
LISTED NON-SPECIFIC	25,439	5.68
LISTED SPECIFIC	13,654	3.05
COMMERCIAL PRODUCTS-ACUTE	58	0.01
COMMERCIAL PRODUCTS-NON ACUTE	24,962	5.57
PCB WASTE	73,918	16.50
UNKNOWN*	33,722	7.53
TOTAL	447,954	

* This quantity includes landfill leachate, lab packs and a small amount of waste streams reported with no legitimate waste code.

Source: 1990 ANNUAL REPORT, GENERATION AND DISPOSAL OF HAZARDOUS WASTE IN
NEW YORK STATE

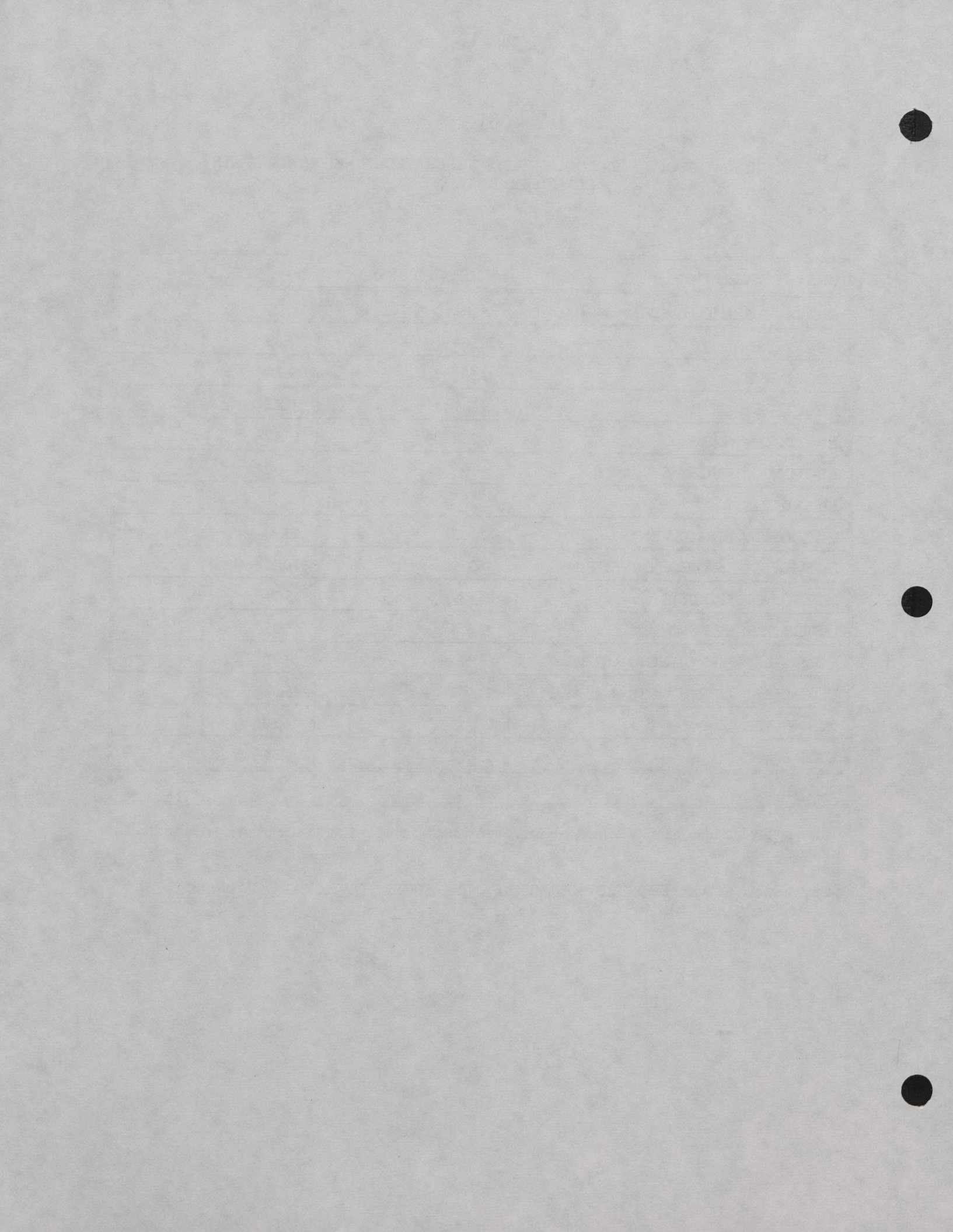


TABLE 3-4

SUMMARY OF DISPOSAL METHODS FOR NON-AQUEOUS HAZARDOUS WASTE DISPOSED OF IN NEW YORK, 1990

Reclamation/Recycling	14,594 tons
Treatment	77,404 tons
Incineration, fuel blending, or energy recovery	99,309 tons
Land Disposal	103,622 tons
Transfer Facility Storage	4,710 tons
Unknown	1,639 tons
Total	301,278 tons

Note: This table includes hazardous waste disposal in New York and generated either in state or out of state.

Source: 1990 ANNUAL REPORT, GENERATION AND DISPOSAL OF HAZARDOUS WASTE IN NEW YORK STATE



TABLE 3-5

U.S. POLLUTION ABATEMENT EXPENDITURES BY INDUSTRY FOR
SOLID HAZARDOUS WASTE
(IN U.S. \$ MILLIONS)

SIC CODE	INDUSTRY	CAPITAL EXPENDITURES	OPERATING COSTS
20	FOOD & KINDRED PRODUCTS	3.1	16.2
21	TOBACCO PRODUCTS	N/A	1.1
22	TEXTILE MILL PRODUCTS	.3	7.3
24	LUMBER & WOOD PRODUCTS	1.3	38.4
25	FURNITURE & FIXTURES	.4	18.6
26	PAPER & ALLIED PRODUCTS	11.3	42.9
27	PRINTING & PUBLISHING	1.7	42.0
28	CHEMICALS & ALLIED PRODUCTS	129.2	659.1
29	PETROLEUM & COAL PROD.	58.9	255.5
30	RUBBER & MISC. PLASTICS PRODUCTS	3.8	50.6
31	LEATHER & LEATHER PROD.	.1	2.1
32	STONE, CLAY & GLASS PRODUCTS	2.3	30.4
33	PRIMARY METAL INDUSTRIES	28.3	214.3
34	FABRICATED METAL PRODUCTS	20.8	203.6
35	INDUSTRIAL MACHINERY & EQUIPMENT	13.4	138.3
36	ELECTRONIC & OTHER ELECTRIC EQUIPMENT	19.9	188.6
37	TRANSPORTATION EQUIP.	24.6	279.5
38	INSTRUMENTS & RELATED PRODUCTS	5.2	78.2
39	MISC. MANUFACTURING FACILITIES	2.0	18.2
TOTAL		326.8	2,285.0

Source: U.S. BUREAU OF THE CENSUS, CURRENT INDUSTRIAL REPORTS

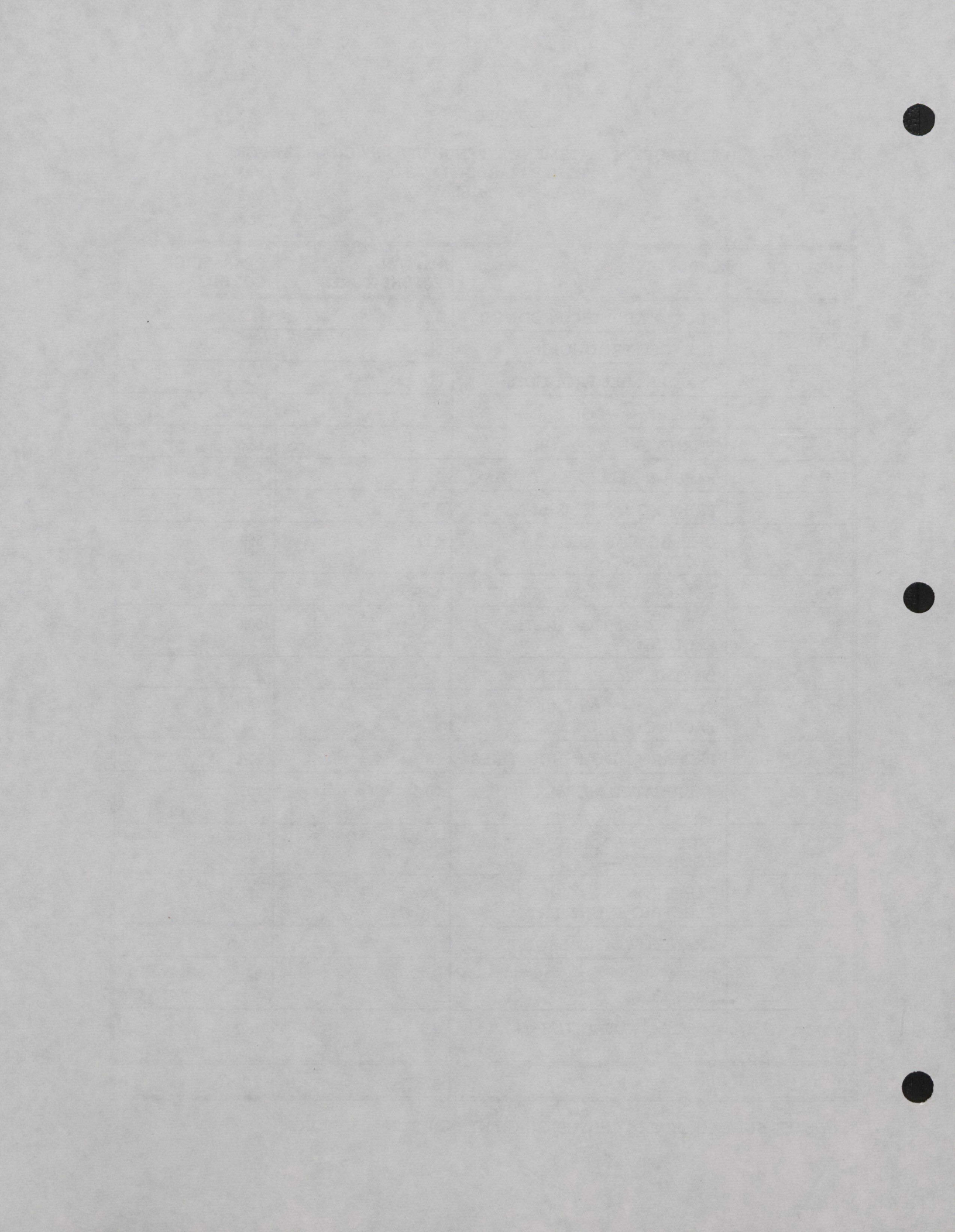


TABLE 3-6

NYS POLLUTION ABATEMENT EXPENDITURES BY INDUSTRY FOR
SOLID HAZARDOUS WASTE
(IN U.S. \$ MILLIONS)

SIC CODE	INDUSTRY	CAPITAL EXPENDITURES	OPERATING COSTS
20	FOOD & KINDRED PRODUCTS	*	.9
22	TEXTILE MILL PRODUCTS	N/A	.2
24	LUMBER & WOOD PRODUCTS	N/A	.6
25	FURNITURE & FIXTURES	N/A	1.0
26	PAPER & ALLIED PRODUCTS	**	2.2
27	PRINTING & PUBLISHING	N/A	1.9
28	CHEMICALS & ALLIED PRODUCTS	*	16.3
29	PETROLEUM & COAL PRODUCTS	N/A	.1
30	RUBBER & MISC. PLASTICS PRODUCTS	**	1.9
31	LEATHER & LEATHER PRODUCTS	N/A	.2
32	STONE, CLAY & GLASS PRODUCTS	**	3.1
33	PRIMARY METAL INDUSTRIES	.8	12.5
34	FABRICATED METAL PRODUCTS	.1	5.0
35	INDUSTRIAL MACHINERY & EQUIPMENT	.3	16.4
36	ELECTRONIC & OTHER ELECTRIC EQUIPMENT	*	15.8
37	TRANSPORTATION EQUIPMENT	*	5.6
38	INSTRUMENTS & RELATED PRODUCTS	*	13.2
39	MISC. MANUFACTURING INDUSTRIES	*	1.5
TOTAL		12.5	98.4

* Withheld to avoid disclosing operations of individual companies

** Less than \$50,000

Source: U.S. BUREAU OF THE CENSUS, CURRENT INDUSTRIAL REPORTS

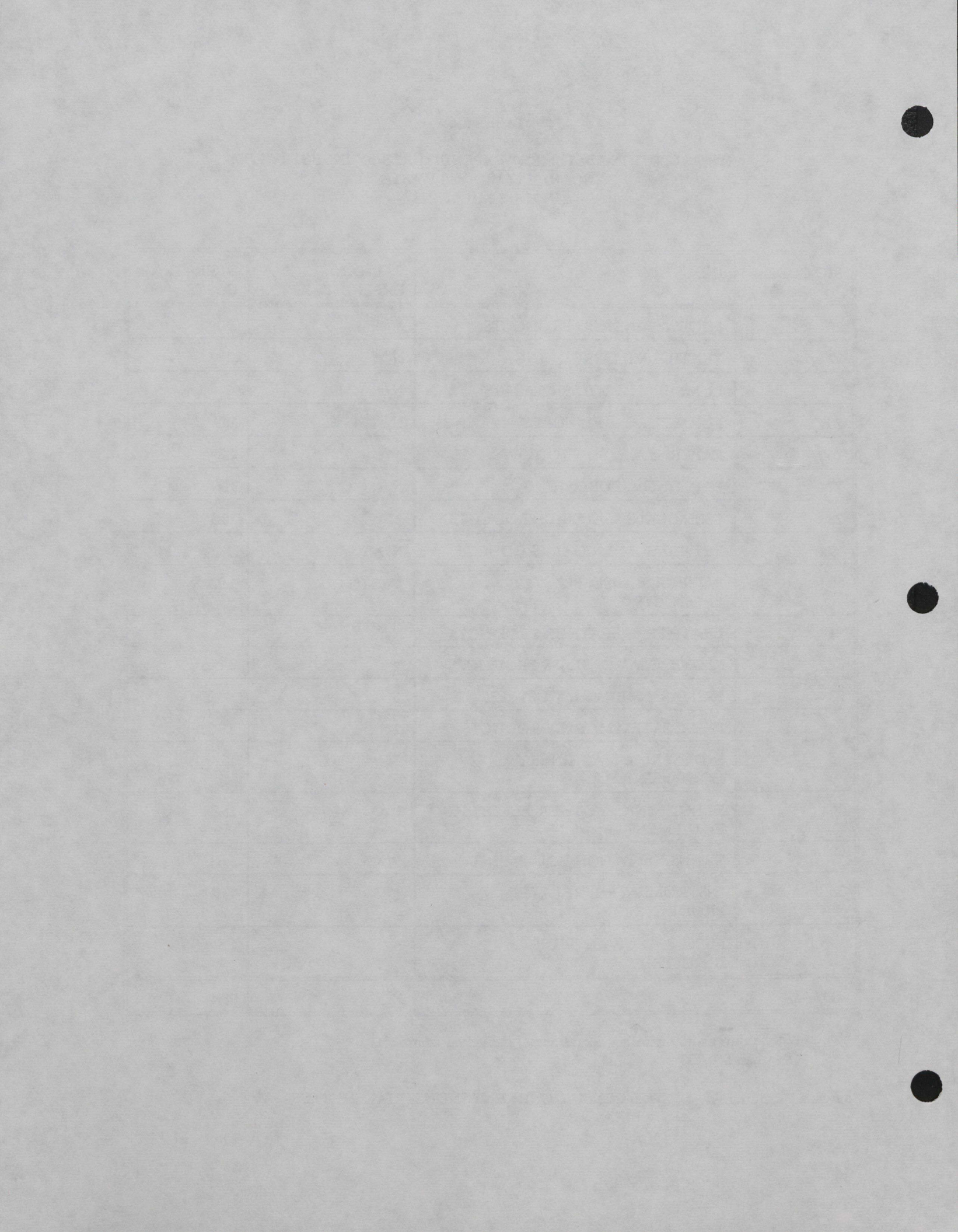


TABLE 3-7

TOP 20 MOST COMMONLY REPORTED CHEMICALS RELEASED OR TRANSFERRED, 1990

RANK	CAS NO.	CHEMICAL NAME	NO. OF FORMS	1990 LBS/YR	PERCENT CHANGE FROM 1989
1	67-56-1	Methanol	101	14,273,000	- 9%
2	75-09-2	Dichloromethane	59	10,274,000	- 17%
3	108-88-3	Toluene	159	8,962,000	- 29%
4	67-64-1	Acetone	89	8,516,000	- 11%
5	7642-01-0	Hydrochloric acid	133	8,162,000	+ 7%
6	71-55-6	1,1,1 - Trichloroethane	162	6,654,000	- 13%
7	1330-20-7	Xylene	117	4,662,000	- 15%
8	7664-41-7	Ammonia	106	3,458,000	+ 14%
9	79-01-6	Trichloroethylene	59	2,948,000	- 20%
10	76-13-1	Freon 113	74	2,929,000	- 32%
11	78-93-3	Methyl ethyl ketone	89	2,584,000	- 21%
12	108-10-1	Methyl isobutyl ketone	37	2,581,000	+ 4%
13	127-18-4	Tetrachloroethylene	29	2,519,000	- 5%
14	NA	Glycols	68	2,436,000	- 10%
15	7783-20-2	Ammonium sulfate	9	2,306,000	- 24%
16	7429-90-5	Aluminum (total)	11	1,821,000	- 11%
17	NA	Lead compounds	27	1,805,000	- 36%
18	7664-93-9	Sulfuric acid	228	1,783,000	- 49%
19	NA	Barium compounds	35	1,743,000	+ < 1%
20	71-36-3	n-Butyl alcohol	35	1,597,000	- 14%

10-10-91

Source: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

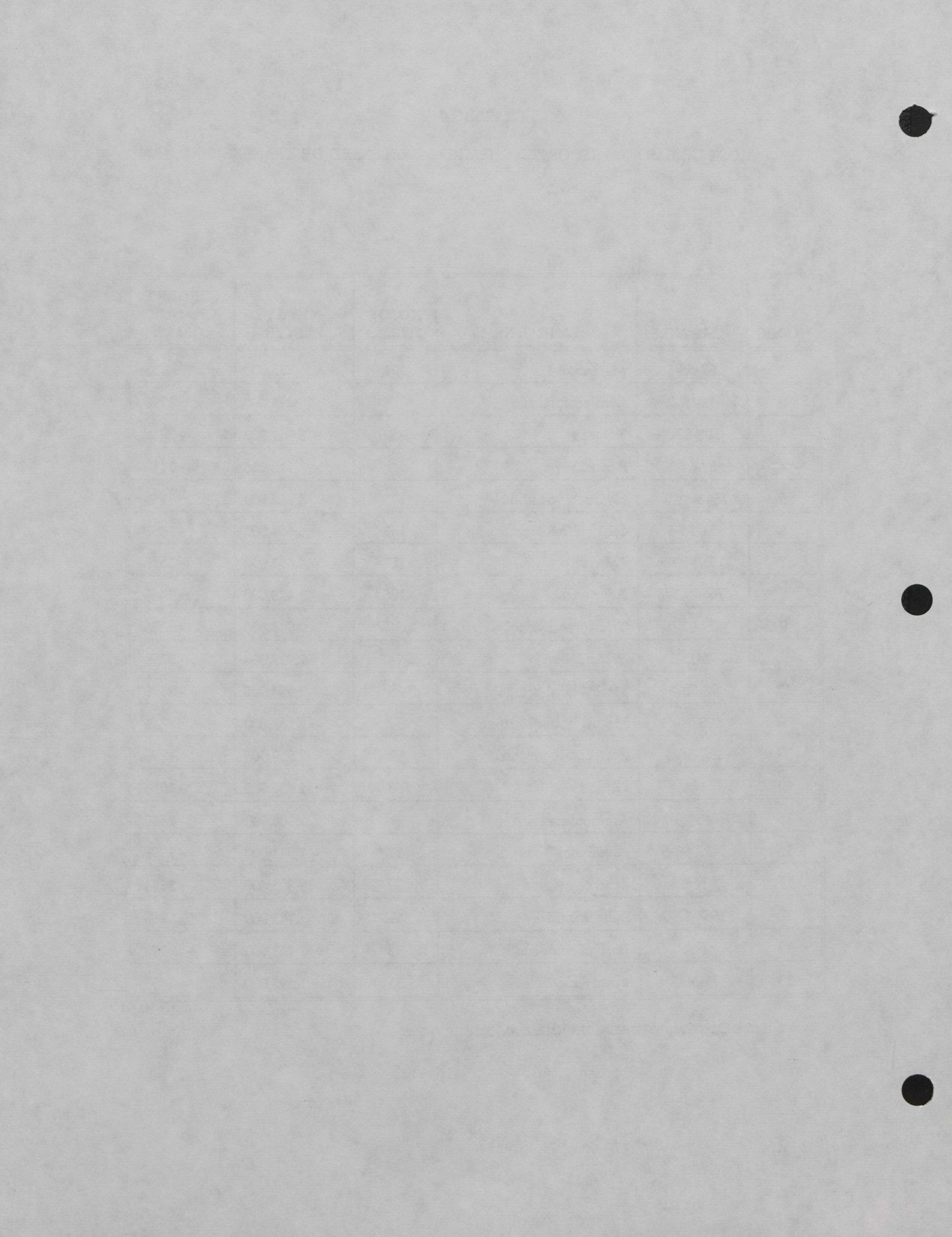


TABLE 3-8

FACILITIES REPORTING LARGEST AMOUNTS OF RELEASES/TRANSFERS, 1990

RANK	FACILITY	COUNTY	1990 LBS/YR	PERCENT CHANGE FROM 1989
1	Eastman Kodak - Kodak Pk.	Monroe	13,802,525	- 24%
2	Bristol-Myers Squibb Co.	Onondaga	7,367,748	- 3%
3	Occidental Chemical Corp.	Niagara	4,560,314	+ 1%
4	Anitec Image Corp.	Broome	3,939,026	- 18%
5	American Cyanamid Co.	Rockland	2,581,062	+ 54%
6	BASF Corp.	Rensselaer	2,453,317	- 19%
7	General Motors Corp.	Westchester	2,278,275	+ 121%
8	IBM - East Fishkill	Dutchess	2,002,151	+ 36%
9	General Electric/Silicone	Saratoga	1,806,352	- 16%
10	Roth Brothers/Smelting Corp.	Onondaga	1,700,165	- 14%
11	GM Harrison Radiator	Niagara	1,457,193	- 42%
12	Corning Inc. (Canton Plant)	St. Lawrence	1,402,274	0%
13	Toshiba Display Devices, Inc.	Chemung	1,332,077	+ 41%
14	Buffalo Color Corp.	Eric	1,319,023	- 6%
15	Grumman Aerospace Corp.	Nassau	1,293,085	- 8%
16	General Foods Corp.	Saratoga	1,238,498	+ 2%
17	Garlock Inc.	Wayne	1,204,913	- 6%
18	3M Corp. (O-Cel-O Div.)	Eric	1,140,130	- 7%
19	Sterling Organics	Rensselaer	1,132,755	- 3%
20	General Electric Co.	Albany	1,032,124	- 26%

9-27-91

Source: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

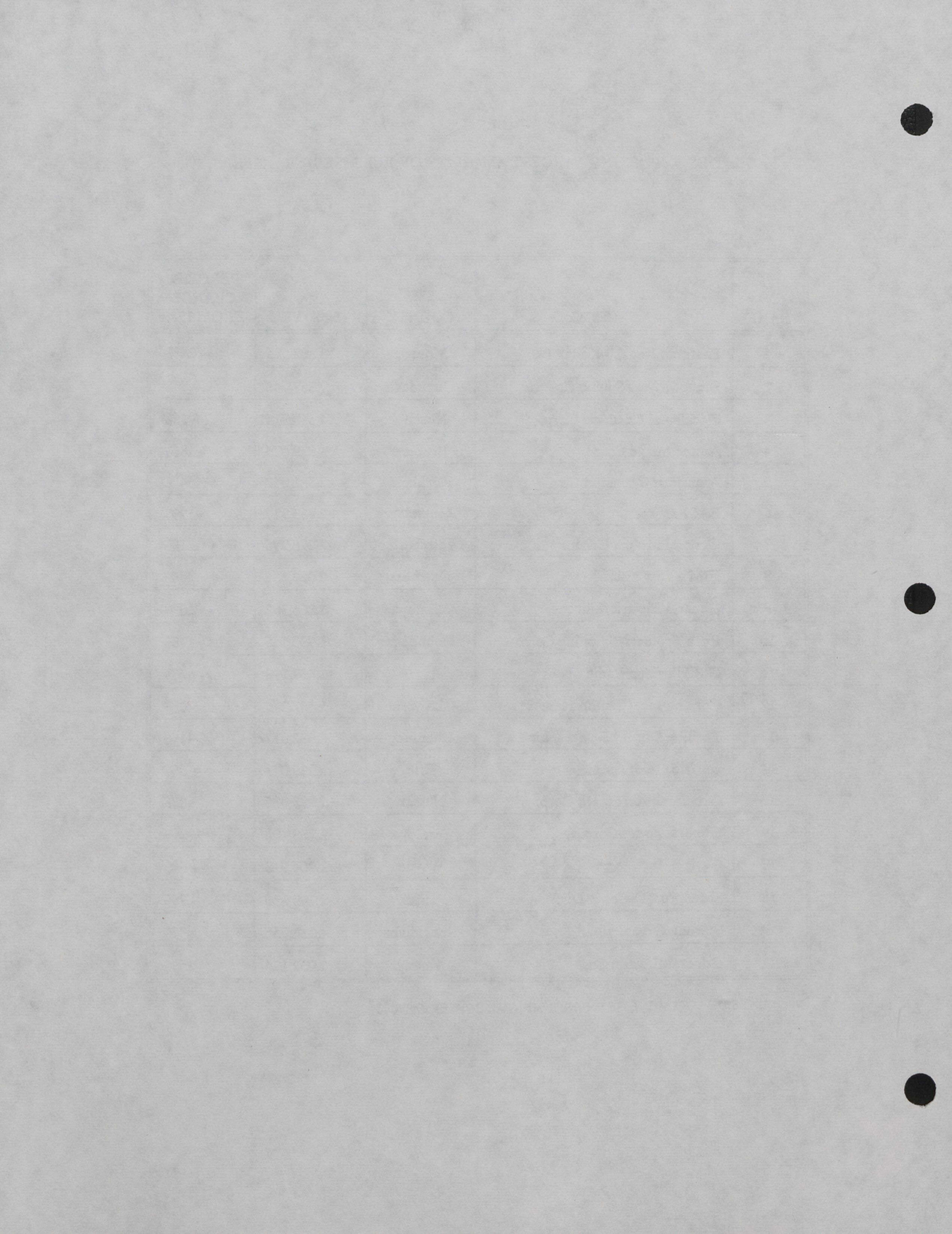


TABLE 3-9

20 LARGEST SOURCES OF RELEASES TO LAND, 1990

RANK	FACILITY	COUNTY	CHEMICAL NAME	1990 LBS/YR	CODE ***	PERCENT CHANGE FROM 1989
1	General Electric Silicone	Saratoga	Copper compounds	1,300,000	1	- 7%
2	General Electric Silicone	Saratoga	Zinc compounds	120,000	1	0%
3	Eastman Kodak/Kodak Park	Monroe	Ammonium nitrate (sol.)	100,000	1	+ 79%
4	Al Tech Spec. Steel	Albany	Manganese (total)	65,400	1	**
5	Schoeller Tech. Paper	Oswego	Barium compounds	49,000	3	- 63%
6	Al Tech Spec. Steel	Albany	Chromium	25,000	1	+ 85%
7	Atochem of North America	Livingston	tert-Butyl alcohol	24,000	2	+ 26%
8	Comstock Mich. Fruit/Bergen	Genesee	Chlorine	23,050	2	- 15%
9	Comstock Mich. Fruit/Oak	Genesee	Chlorine	14,000	2	- 6%
10	International Paper (Ti Mill)	Essex	Zinc compounds	13,380	1	- 44%
11	Deltown Specialties	Delaware	Phosphoric acid	13,114	2	- 22%
12	Specialty Paperboard	Lewis	Zinc compounds	13,000	3	.
13	Comstock Mich. Fruit	Livingston	Chlorine	10,000	2	+ 400%
14	Al Tech Spec. Steel	Albany	Nickel	9,800	1	+ 2,400%
15	Eastman Kodak/Kodak Park	Monroe	Dichloromethane	9,200	4	+ 613%
16	Atochem of North America	Livingston	Sulfuric acid	6,600	4	- 45%
17	Aluminum Co. of America	St. Lawrence	Copper compounds	5,891	3	.
18	International Paper (Ti Mill)	Essex	Methanol	5,613	1	+ 2,200%
19	Al Tech Spec. Steel	Chautauqua	Nickel	3,032	3	.
20	Schoeller Tech Paper	Oswego	Barium compounds	2,900	4	- 43%

Source: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

9-27-91

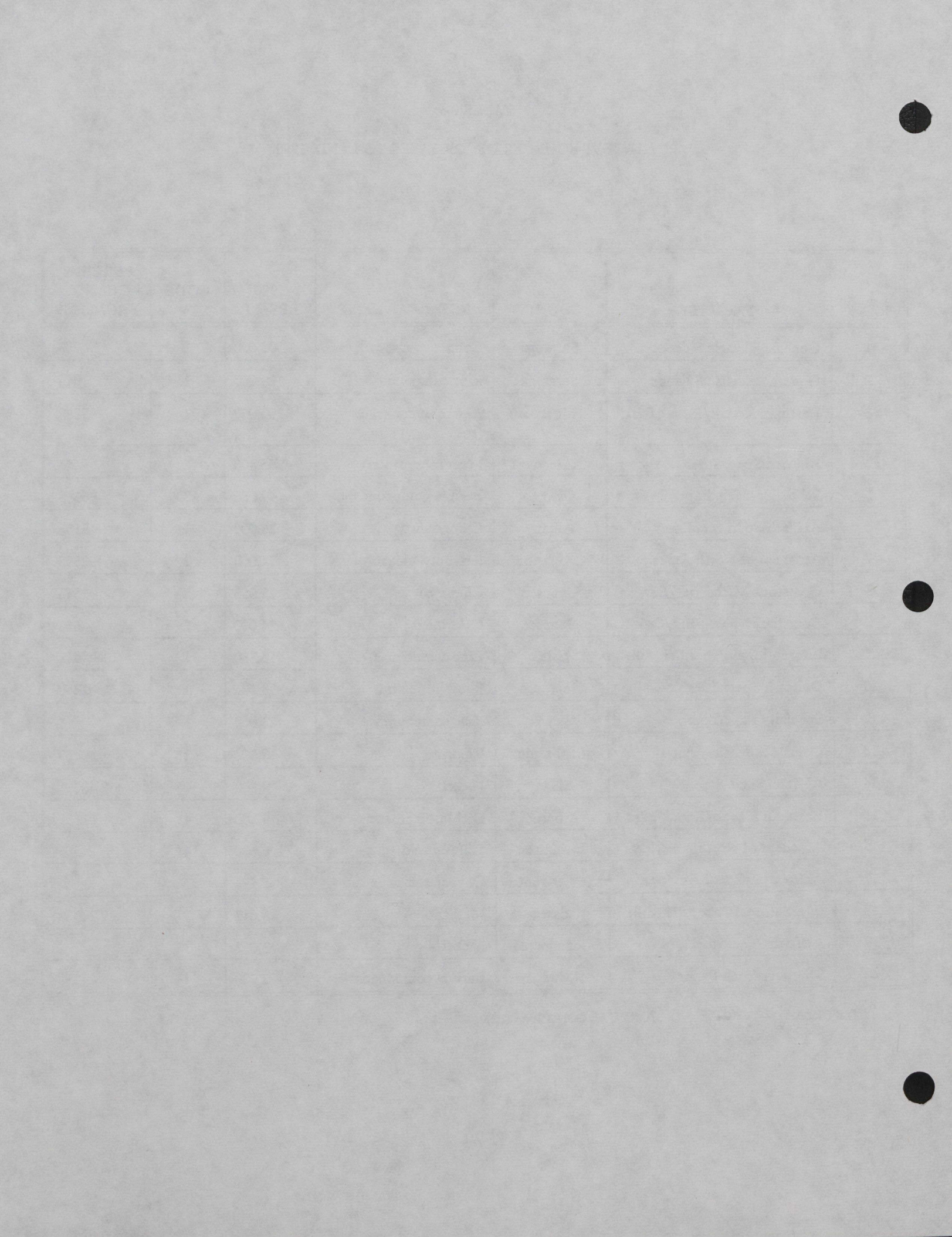


TABLE 3-10

REMEDIAL ACTIVITIES INITIATED IN FY 1991
 DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
 INSTALLATION RESTORATION PROGRAM

TYPE OF ACTIVITY	NUMBER OF ACTIVITIES	NUMBER OF INSTALLATIONS
ALTERNATE WATER SUPPLY/TREATMENT	12	11
INCINERATION	2	2
SITE TREATMENT/ REMEDIATION	85	50
DECONTAMINATION	3	3
WASTE REMOVAL	116	67
GROUND WATER TREATMENT	35	30
TOTAL	253	163

Source: U.S. DEPARTMENT OF DEFENSE, DEFENSE ENVIRONMENTAL RESTORATION PROGRAM, FY 1991 ANNUAL REPORT

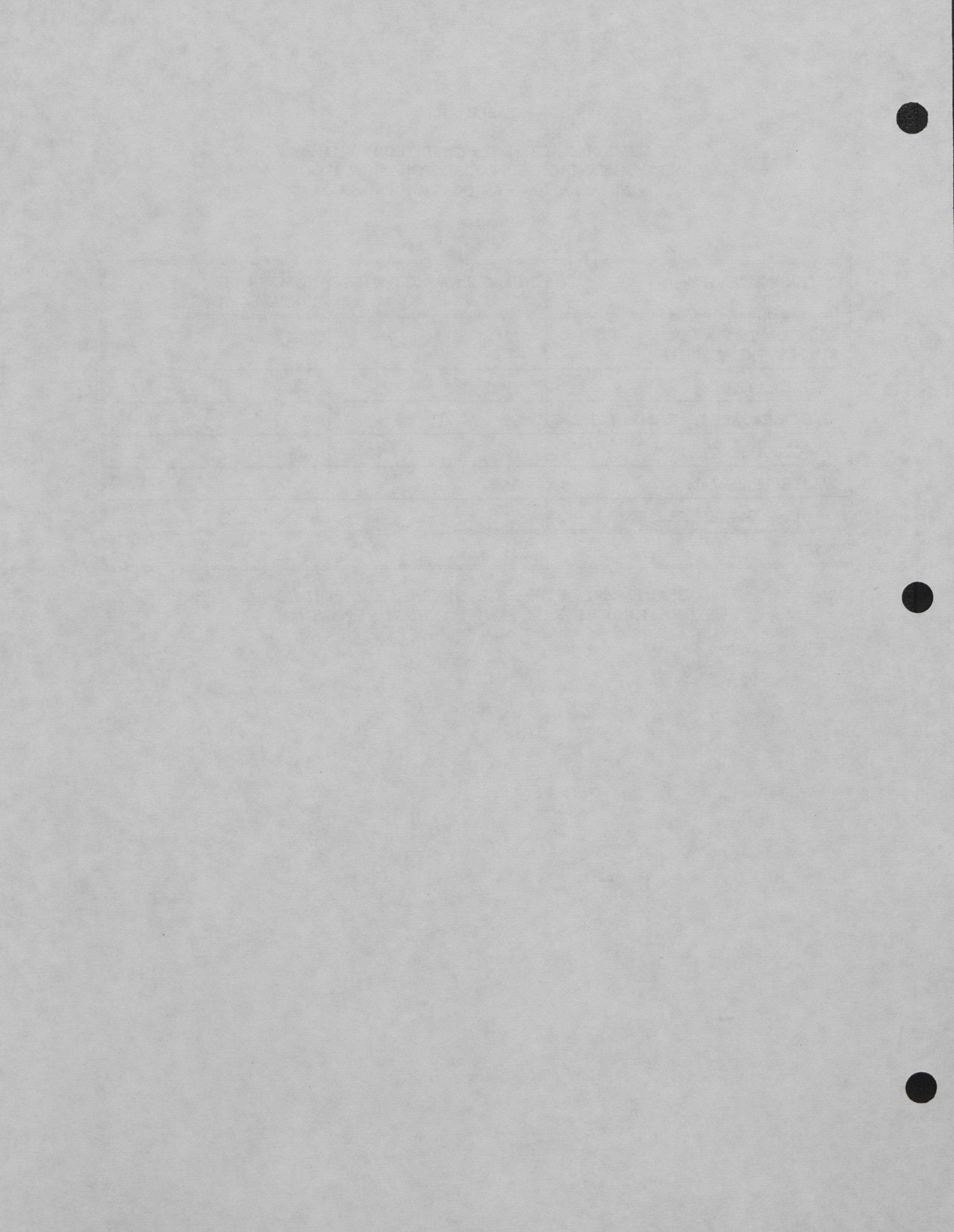


TABLE 4-1

NYS AIR POLLUTION ABATEMENT CAPITAL EXPENDITURES & OPERATING COSTS
IN MANUFACTURING ESTABLISHMENTS
1986-1990
(IN U.S. MILLIONS)

YEAR	CAPITAL EXPENDITURES	OPERATING COSTS
% CHANGE 1986-1990	325.9	26.7
1990	121.8	109.6
1989	96.7	111.5
1988	45.8	87.7
1986	28.6	86.5

Source: U.S BUREAU OF THE CENSUS, CURRENT INDUSTRIAL REPORTS

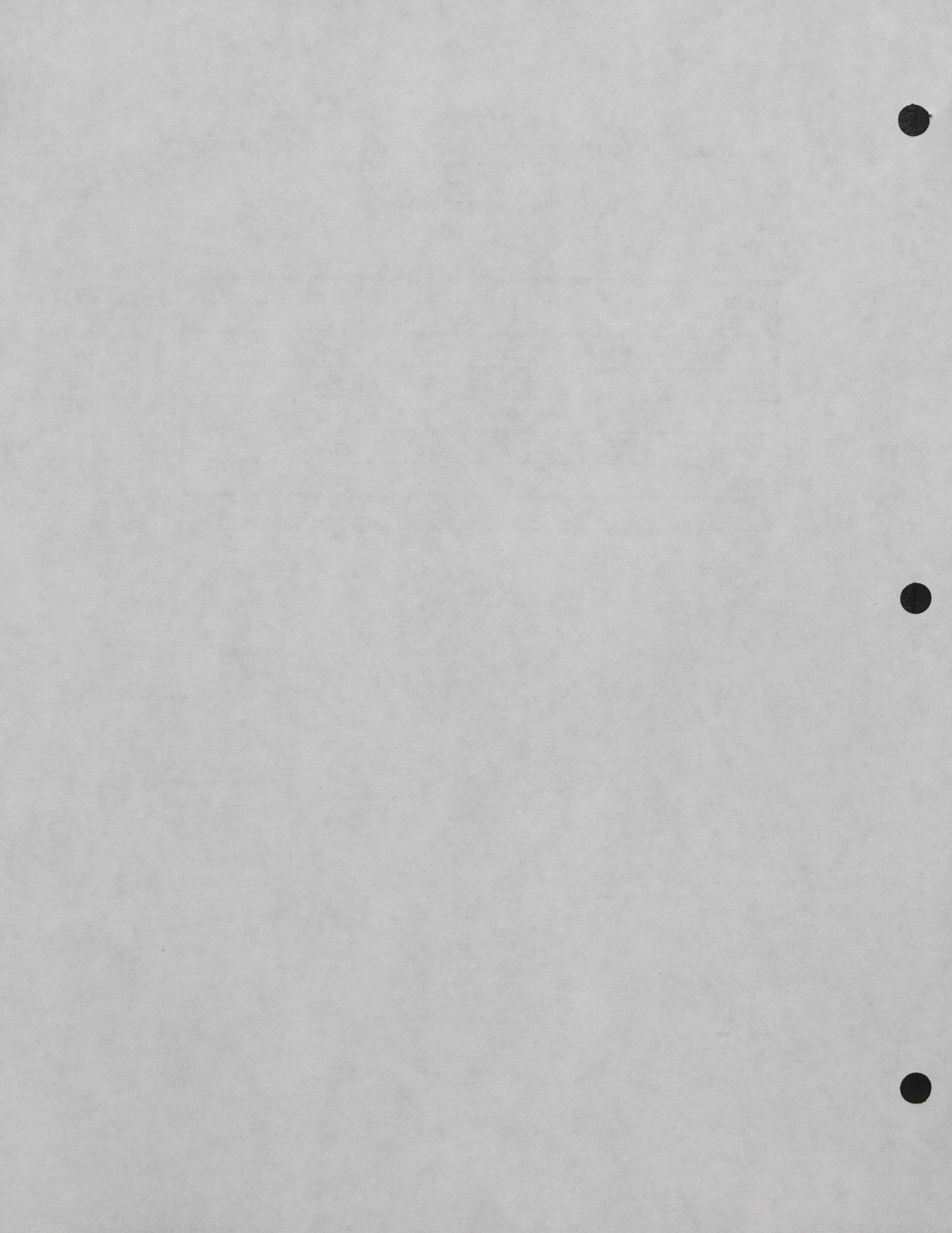


TABLE 4-2

**NYS AIR POLLUTION ABATEMENT EXPENDITURES BY MANUFACTURING INDUSTRY
(IN U.S. \$ MILLIONS)**

SIC CODE	INDUSTRY	CAPITAL EXPENDITURES	OPERATING COSTS
20	FOOD & KINDRED PRODUCTS	.9	3.8
22	TEXTILE MILL PRODUCTS	N/A	.1
24	LUMBER & WOOD PRODUCTS	2.0	2.0
25	FURNITURE & FIXTURES	N/A	*
26	PAPER & ALLIED PRODUCTS	3.3	4.6
27	PRINTING & PUBLISHING	N/A	3.8
28	CHEMICALS & ALLIED PRODUCTS	12.8	12.8
29	PETROLEUM & COAL PROD.	1.4	2.9
30	RUBBER & MISC. PLASTICS PRODUCTS	4.0	2.4
31	LEATHER & LEATHER PROD.	*	4
32	STONE, CLAY & GLASS PRODUCTS	5.1	14.6
33	PRIMARY METAL INDUSTRIES	27.5	22.0
34	FABRICATED METAL PRODUCTS	.6	3.2
35	INDUSTRIAL MACHINERY & EQUIPMENT	8.2	8.1
36	ELECTRONIC & OTHER ELECTRIC EQUIPMENT	15.7	11.7
37	TRANSPORTATION EQUIP.	*	8.4
38	INSTRUMENTS & RELATED PRODUCTS	*	7.0
39	MISC. MANUFACTURING FACILITIES	*	1.8
TOTAL		121.8	109.6

* Withheld to avoid disclosing operations of individual companies

Source: U.S. BUREAU OF THE CENSUS, CURRENT INDUSTRIAL REPORTS

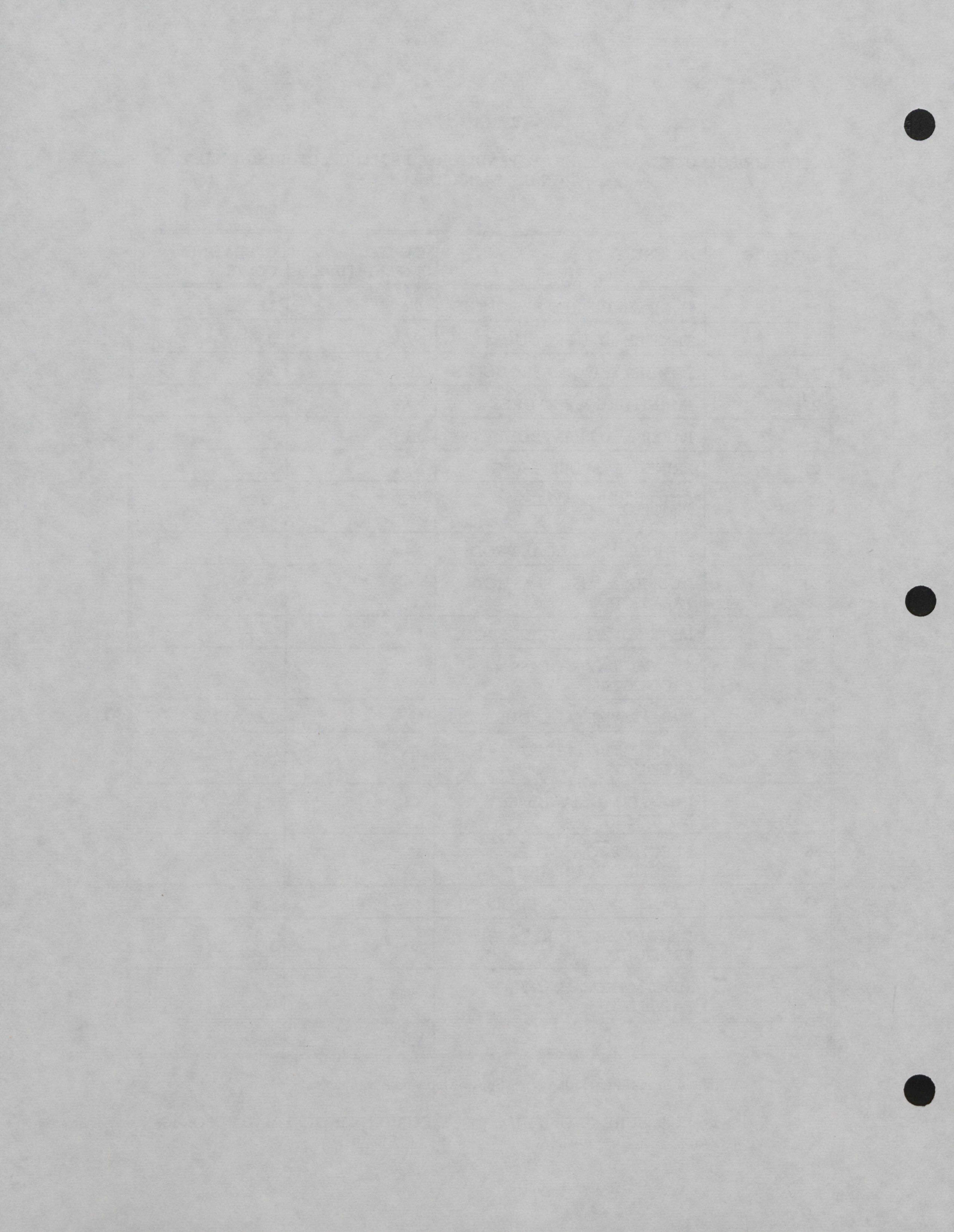


TABLE 4-4

20 FACILITIES REPORTING LARGEST TOTAL AIR EMISSIONS, 1990

RANK	FACILITY	COUNTY	CHEMICAL NAME	1990 LBS/YR	PERCENT CHANGE FROM 1989
1	Eastman Kodak - Kodak Pk.	Monroe	Dichloromethane	5,730,000	- 18%
2	Occidental Chemical Corp. (Energy from Waste)	Niagara	Hydrochloric acid	4,560,014	+ 1%
3	Eastman Kodak - Kodak Pk.	Monroe	Methanol	3,310,000	- 13%
4	Bristol-Myers Squibb Co.	Onondaga	Acetone	2,730,000	+ 11%
5	Eastman Kodak - Kodak Pk.	Monroe	Acetone	2,240,000	- 24%
6	Anitec Image Corp.	Broome	Dichloromethane	2,010,000	+ 14%
7	Corning Inc. (Canton Plant)	St. Lawrence	Hydrochloric acid	1,401,900	0%
8	Bristol-Myers Squibb Co.	Onondaga	Methyl isobutyl ketone	1,330,000	+ 8%
9	3M Corp. (O-Cell-O Div.)	Erie	Carbon disulfide	1,133,960	- 7%
10	Anitec Image Corp.	Broome	Methanol	1,110,000	- 1%
11	General Foods Corp.	Saratoga	Toluene	927,500	+ 13%
12	Arcata Graphics	Erie	Toluene	724,262	- 17%
13	Garlock Inc.	Wayne	Toluene	722,548	- 14%
14	General Electric (Selkirk)	Albany	Toluene	670,000	- 17%
15	American Felt & Fiber	Orange	1,1,1 - Trichloroethane	525,450	+ 57%
16	Grumman Corp. (Bethpage)	Nassau	Tetrachloroethylene	522,500	+ 12%
17	Niacet Corp.	Niagara	Methanol	517,500	+ 25%
18	S.G. Keywell Co.	Chautauqua	Trichloroethylene	499,949	+ 77%
19	Bristol-Myers Squibb Co.	Onondaga	Methanol	444,000	+ 14%
20	Nashua Corp.	Albany	Toluene	419,334	- 57%

Source: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

9-9-91

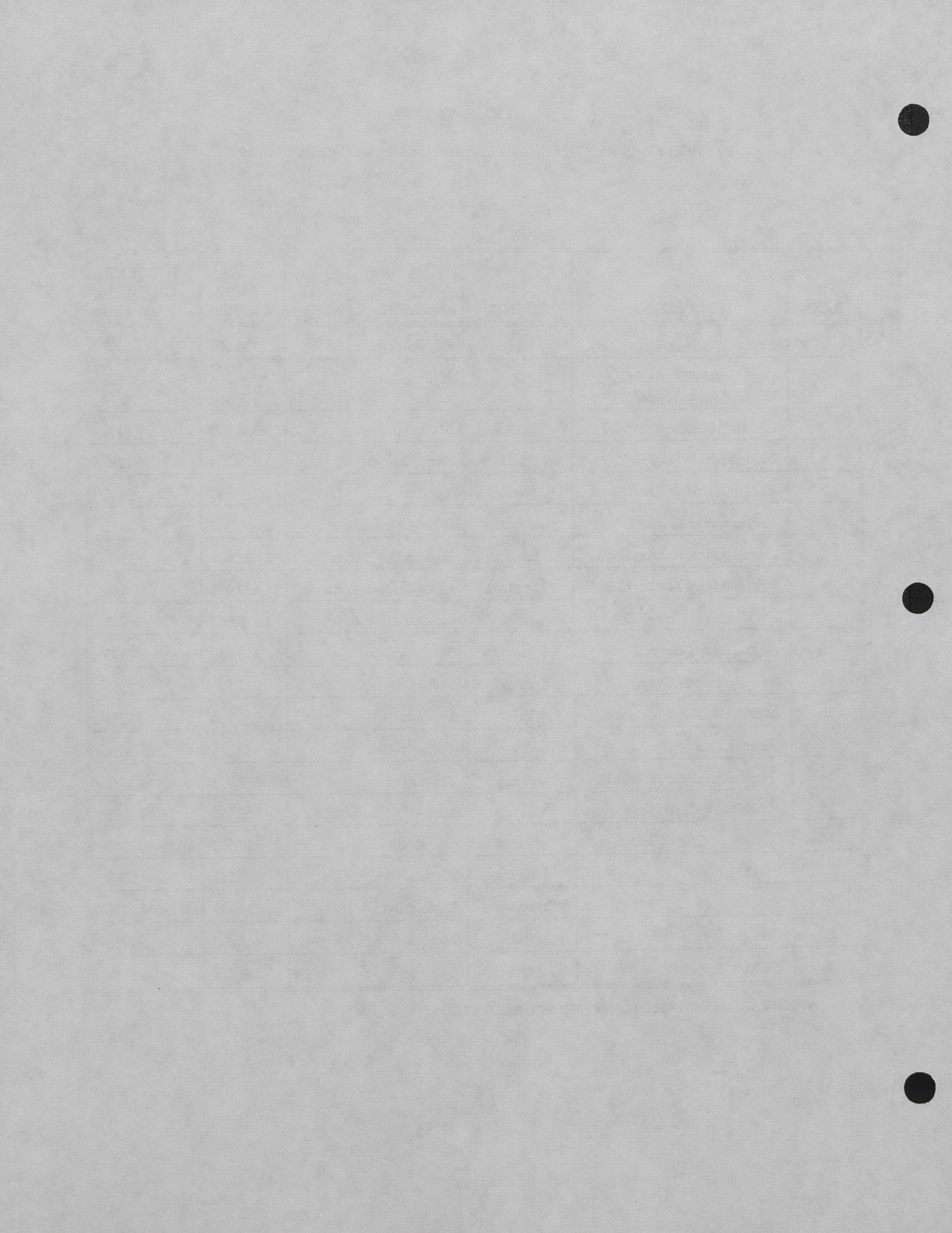


FIGURE 1-1

REGIONAL OFFICES
NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

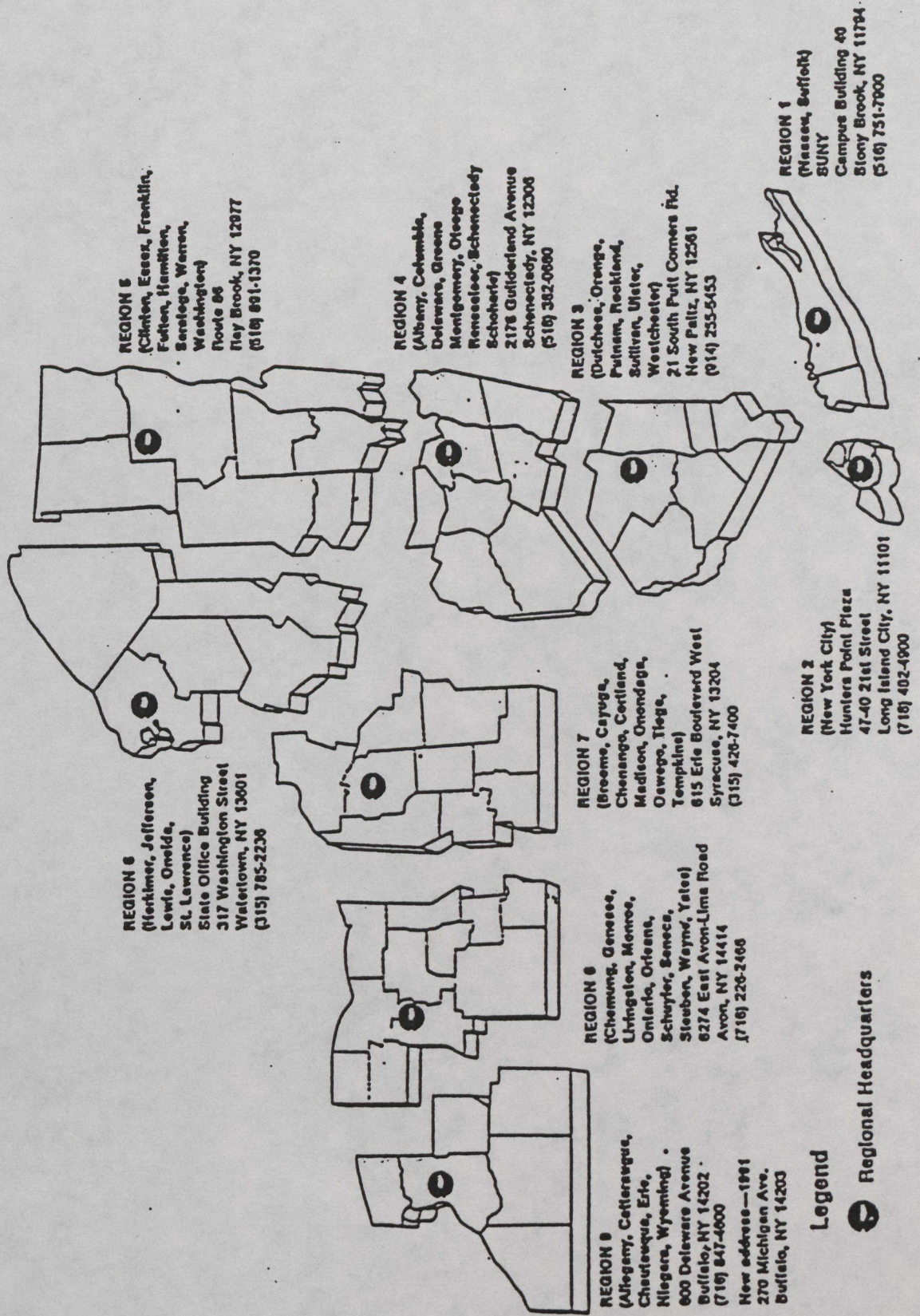
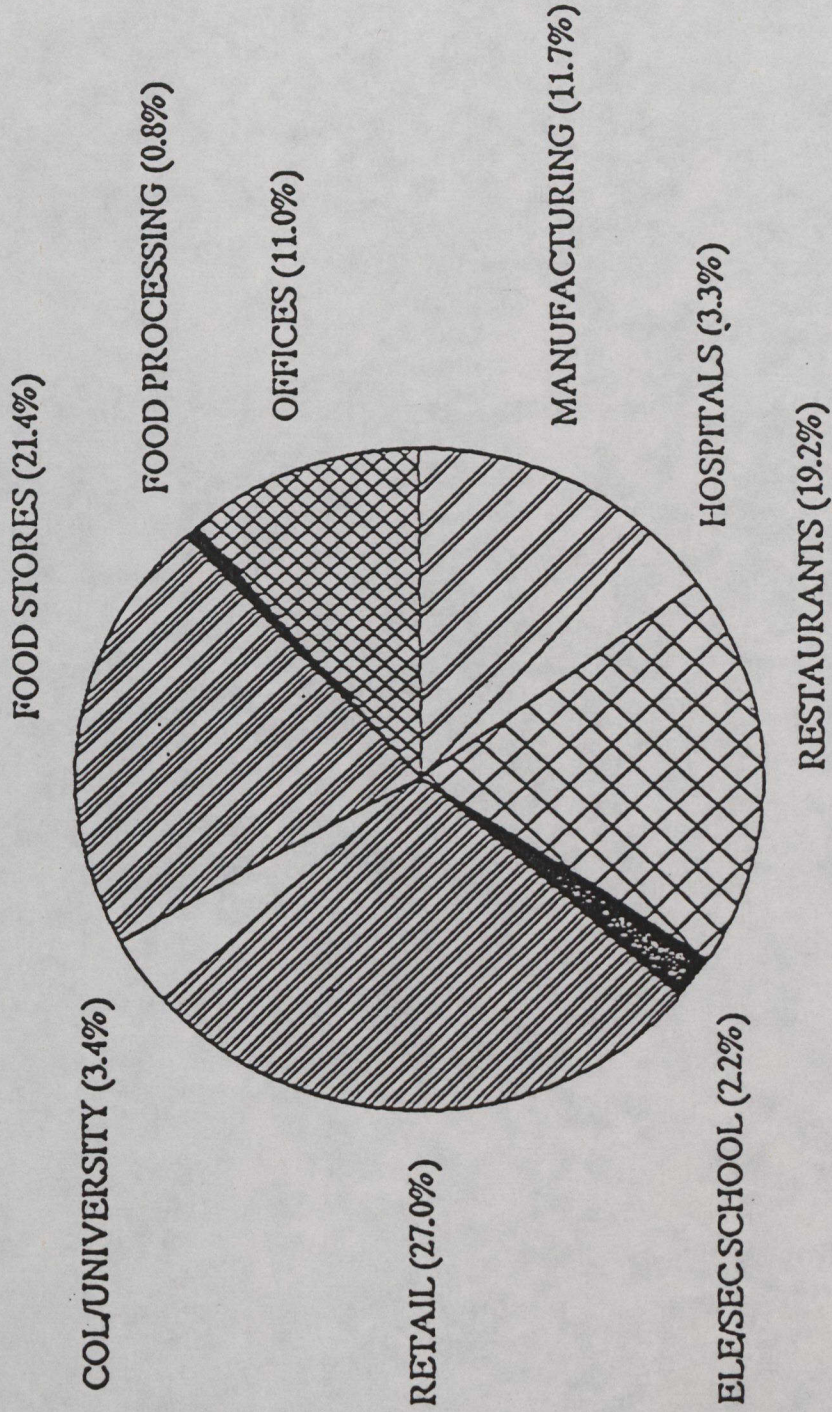


FIGURE 2-1

WASTE GENERATION BY BUSINESS ACTIVITY SEGMENT



NEW YORK STATE
COMMERCIAL/INDUSTRIAL WASTESTREAM = 7.9 million tons

Source: NYS DEPARTMENT OF ECONOMIC DEVELOPMENT

APPENDIX 1-1

REFERENCES

1990 Annual Report, Generation and Disposal of Hazardous Waste in New York State, New York State Department of Environmental Conservation, Division of Hazardous Substances Regulation, Nov. 1, 1991.

Biocycle Guide to Collecting, Processing and Marketing Recyclables (Emmaus, PA: JG Press, 1990)

Commercial and Industrial Solid Waste Generation in New York State, New York State Department of Economic Development, Office of Recycling Market Development, November 1991.

Current Industry Reports: Pollution Abatement Costs and Expenditures, 1990, U.S. Department of Commerce, Bureau of the Census, April 1992.

Defense Environmental Restoration Program, Annual Report to Congress for Fiscal Year 1991, U.S. Department of Defense, February 1992.

Environmental Quality, 20th Annual Report of the Council of Environmental Quality, Executive Office of the President, 1990.

EPA Journal (articles on the Clean Air Act), Vol. 17, No. 1, Feb. 1991.

Facing America's Trash, U.S. Congress, Office of Technology Assessment, October 1989.

Glossary of Environmental Terms and Acronym List, U.S. Environmental Protection Agency, Office of Communications and Public Affairs, Dec. 1989.

Local Government Handbook, Albany, N.Y.: State of New York Department of State, periodically updated.

New York State Solid Waste Management Plan 1990/1991 Update, Albany, N.Y.: NYS Department of Environmental Conservation

New York State 1990 Toxic Release Inventory (TRI) Review, Prepared for the New York State Emergency Response Commission by the New York State Department of Environmental Conservation, Sept. 1991.

Penetrating the U.S. Environmental Market: Prospects and Strategies for Canadian Consulting Engineers, U.S. Eastern Seaboard Focus, A Final Report for External Affairs and

International Trade Canada, Ottawa: Association of Consulting Engineers of Canada, Feb. 1992.

Robinson, Nicholas A., editor, New York Environmental Law Handbook, New York State Bar Association, periodically updated.

State Environmental Quality Act (SEORA) Handbook

The Market, Report on Recycling Markets in and Around New York State, Prepared by the Office of Recycling Market Development, New York State Department of Economic Development, Issues from 1990 to present.

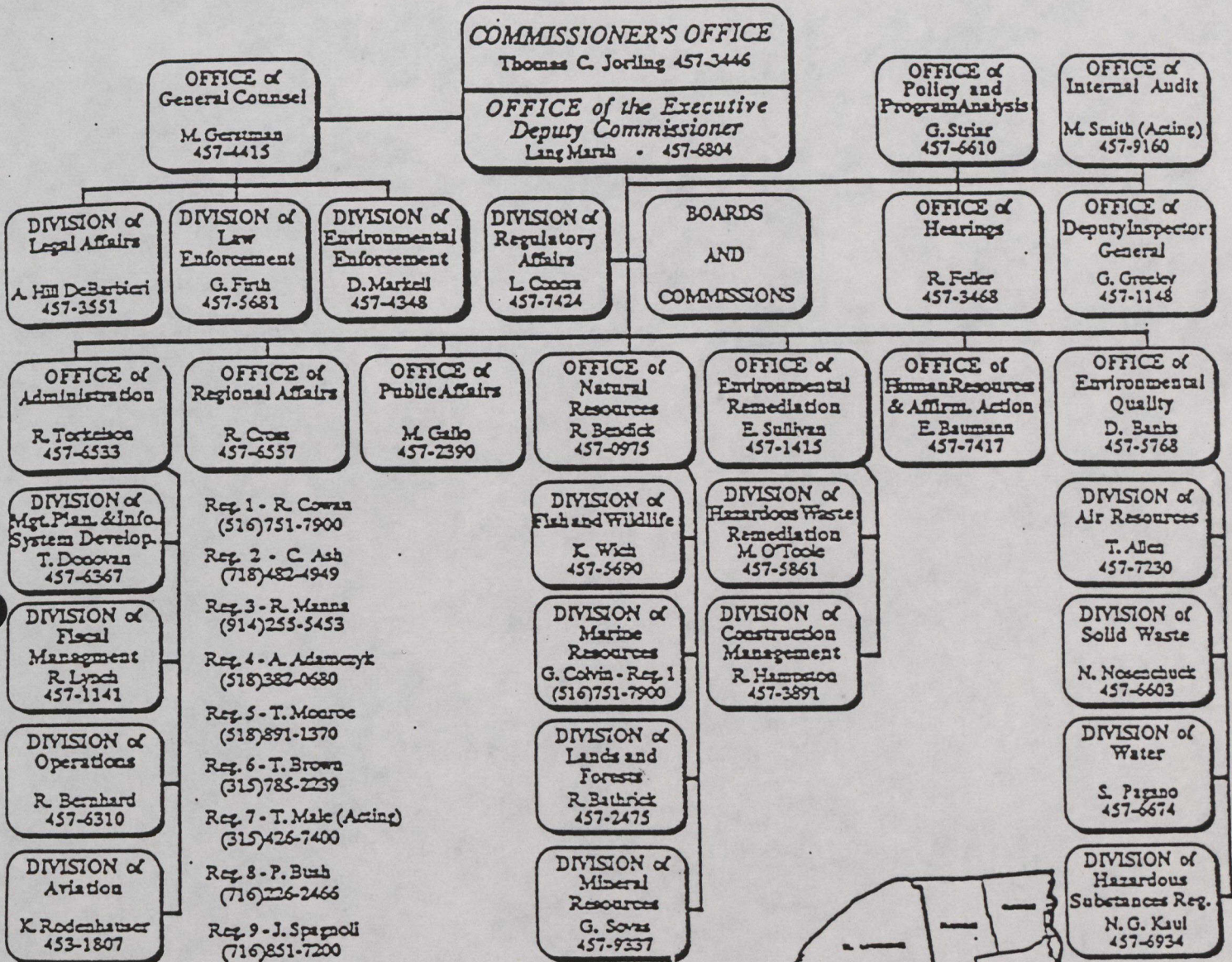
Toxics in the Community: National and Local Perspectives, U.S. Environmental Protection Agency, Office of Toxic Substances, Sept. 1990.

U.S. Environmental Industry Overview, Ottawa: External Affairs and International Trade Canada, U.S. Trade and Tourism Division, March 1992.

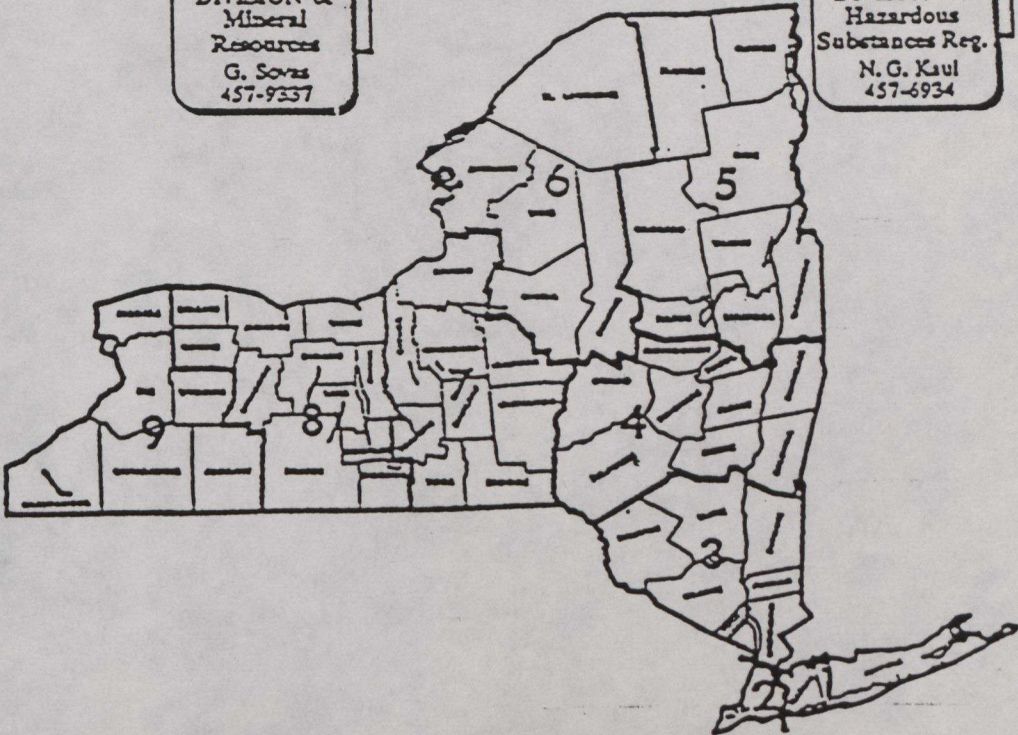
U.S. Opportunities for Ontario Environmental Protection Products and Services, Ministry of Industry, Trade and Technology, Province of Ontario.

Waste Management Research Report, News from State University of New York at Buffalo and Stony Brook and Cornell University. Issues beginning Winter 1989.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION ORGANIZATION CHART



The nine Regional Offices serve New York by geographic regions. These offices are the operational arms of the Department. They issue and review most of the permits, do the regulatory compliance and enforcement actions, conduct monitoring and inspection activities, and effect nearly all other field work of the Department. The regions receive policy and management direction plus technical and administrative support from the Albany Central Office. This map shows how DEC has divided the State into nine Regions.



ENVIRONMENTAL CONSERVATION REGIONS

APPENDIX 1-3

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 TELEPHONE DIRECTORY
 (AREA CODE 518)

ENVIRONMENTAL CONSERVATION, DEPARTMENT OF.

EXECUTIVE, 50 Wolf Rd. 12233

457 3446	Environmental Conservation Commissioner	Jorling, Thomas C. Marsh, Langdon J. Jensen, Jean
457 6804	Executive Deputy Commissioner	
457 3446	Assistant To The Commissioner	
485 8934	Special Assistant To The Executive Deputy Commissioner	Ziamandanis, Debra Banks, R. Darryl Gerstman, Marc Corr, Janice K. Torkelson, Richard Bendick, Robert L. Sullivan, Edward O. Baumann, Elroi E. Cross, Robert F. Doig, Herbert Feller, Robert H. Gallo, Madeline J. Striar, Gary Aldrich, J. Winthrop Pohanka, Elizabeth Valenti, Annette C.
457 5768	Deputy Commissioner	
457 4415	Deputy Commissioner & General Counsel	
457 4415	Special Counsel	
457 6533	Deputy Commissioner	
457 0975	Deputy Commissioner	
457 1415	Deputy Commissioner	
457 7417	Assistant Commissioner	
457 6557	Assistant Commissioner	
457 7435	Assistant Commissioner	
457 3468	Assistant Commissioner	
457 2390	Assistant Commissioner	
457 6610	Assistant Commissioner	
457 6558	Special Assistant To The Commissioner	
485 8939	Special Assistant To The Commissioner	
457 6558	Special Assistant To The Commissioner	
457 0904	Director, Office Of Land Resources Planning	Morrison, Charles C. Greeley, Graham Benton, Constance
457 0590	Deputy Inspector General	
457 9160	Internal Audit Unit	

DIVISION OF OPERATIONS, 50 Wolf Rd. 12233

457 6310	Director, Operations	Bernhard, Ronald G. Migneault, Alfred J.
457 1216	Chief Of Engineering Services	
457 2377	Chief, Bureau Of Office Services And Equipment Management	Keegan, David Fuller, Frank
457 2500	Chief, Bureau Of Recreation	
457 3559	Chief, (Acting) Bureau Of Construction & Maintenance	Stanton, Arthur Frenz, William
457 3914	Chief, Bureau Of Electronics	

DIVISION OF MANAGEMENT PLANNING & INFORMATION SYSTEMS DEVELOPMENT, 50
 Wolf Rd. 12233

457 6367	Director	Donovan, Thomas
457 1148	Director, Bureau Of Management Planning	Reiner, Diane
457 5724	Director, Bureau Of Information Systems Development	

APPENDIX 1-3 CONTINUED

OFFICE OF GENERAL COUNSEL, 50 Wolf Rd. 12233		
457 4415	Deputy Commissioner/General Counsel	Gerstman, Marc
457 4415	Special Counsel	Corr, Janice K.
457 4415	Secretary To The DC/GC	Luck, Verna
457 6724	Legislation/Federal Liaison	McCloskey, James
457 6724	Legislation/Federal Liaison	Neber, Susan
457 6724	Legislation/Federal Liaison	Catone, Bonnie
DIVISION OF LEGAL AFFAIRS, 50 Wolf Rd. 12233		
457 3551	Director	Hildebarbieri, Ann
457 3558	Corporate Bureau	Wardwell, N. Phillip
485 8466	Natural Resources Bureau	Vernon, Laurens
457 2239	Environmental Quality Bureau	Goroski, Mitchell J.
DIVISION OF ENVIRONMENTAL ENFORCEMENT, 50 Wolf Rd. 12233		
457 4348	Director	Markell, David
457 2286	Deputy Director	Piaggione, Rocky
457 3296	Albany Field Unit	Bifera, Frank
457 4347	Solid & Hazardous Waste Enforcement Bureau-Chief	Sullivan, Charles E., Jr.
457 0090	Chief, Compliance Bureau	McQuerrey, J. Mark
485 8477	Chief, Technical Services Bureau	Dana, Richard
OFFICE OF HEARINGS, 50 Wolf Rd. 12233		
457 3468	Assistant Commissioner	Feller, Robert H.
457 3468	Chief Administrative Law Judge	Drew, Robert S.
DIVISION OF REGULATORY AFFAIRS, 50 Wolf Rd. 12233		
457 7424	Director Of Regulatory Affairs	Concra; Louis M., Jr.
457 2224	Chief, Bureau Of Regulatory Management	Danskin, George A.
457 2224	Chief, Bureau Of Environmental Analysis	Jensen, Jerome W.
457 5915	Chief, Bureau Of Energy	
DIVISION OF LAW ENFORCEMENT; 50 Wolf Rd. 12233		
457 5681	Director Of Law Enforcement	Firth, George
457 5680	Assistant Director Of Law Enforcement	Lynch, Joseph T.
457 1002	Assistant Director For Investigations	Brewer, Donald W.
OFFICE OF HUMAN RESOURCES & AFFIRMATIVE ACTION		50 Wolf Rd. 12233
457 7417	Assistant Commissioner	Baumann, Elroi E.
457 7187	Director, Bureau Of Minority & Womens	Printup, John W.
457 0749	Assistant Director, Bus. Compliance	Rivera, Carmelo
457 4155	Director, Bureau Of Labor Relations	Delucco, Wilma
457 3263	Director, Bureau Of Personnel	Hogue, Judith
OFFICE OF PUBLIC AFFAIRS, 50 Wolf Rd. 12233		
457 2390	Assistant Commissioner, Office Of Public Affairs	Gallo, Madeline J.
457 5400	Assoc. Director, Environmental Conservation Information Services	Feldmann, Edward S.
457 5400	Director, Press Office	Woldt, Arthur
457 5400	Asst: Public Relations Officer	Marvin, Ben
457 5400	Assoc. Public Information Specialist	Groneman, R. W.
457 3720	Director, Environmental Education	Budliger, Robert E.
457 0849	Director, Community Assistance	Cavanaugh, Michael J.
457 2344	Director, Publications	Kadlecek, Mary
457 3678	Director, Audio-Visual Services	Pell, Clark E.
457 5547	Editor, Conservationist	Dupont, John J.
DIVISION OF MINERAL RESOURCES, 50 Wolf Rd. 12233		
457 9337	Director	Sovas, Gregory H.
457 9633	Assistant Director	Harmon, John C.
457 3682	Director, Bureau Of Oil & Gas Regulation	Brennan, Sandra
457 9341	Director, Bureau Of Resource Management & Development	McGranahan, C. Bruce
DIVISION OF FISCAL MANAGEMENT, 50 Wolf Rd. 12233		
457 1141	Director Of Fiscal Management	Lynch, Richard R.
457 6058	Assistant Director For Capital Projects	Marcy, Joseph A.

CONTINUED

APPENDIX 1-3 CONTINUED

457 7080 Assistant Director For Budgeting
 457 7080 Chief, Budget Bureau
 457 2809 Supervisor, Encon Accounts
 457 5317 Supervisor, Federal & Municipal
 Accounts
 457 5490 Supervisor, Purchase
 457 5810 Supervisor, Regulatory Fee. & Oil Spill
 Revenue
 457 7694 Supervisor, Revenue Accounting

Bernaski, William J.
 Lussier, Nancy W.
 Agresta, William P.

Wilson, Willard H.
 Callahan, Keith

Barrell, Barbara
 Bolton, Robert

DIVISION OF AIR RESOURCES, 50 Wolf Rd. 12233

457 7230 Director
 457 7231 Associate Director
 457 7688 Director, Bureau Of Air Toxics
 457 3676 Director, Bureau Of Air Quality
 Surveillance
 457 5385 Director, Bureau Of Technical Services
 457 7454 Director, Bureau Of Toxic Air Sampling
 457 5618 Director, Bureau Of Source Control
 457 7450 Director, Bureau Of Impact Assessment
 & Meteorology
 457 0631 Director, Bureau Of Abatement Planning
 457 3200 Director, Bureau Of Air Research

Allen, Thomas M.
 Davis, Edward W.
 Majewski, Robert

Gower, Donald E.
 Blanchard, Gerard E.
 Fossa, Arthur J.
 Davis, John G.

Bennett, Edward P.
 Shaw, David J.
 Rao, S. Trivikrama

DIVISION OF SOLID WASTE, 50 Wolf Rd. 12233

457 6603 Director
 457 7111 Assistant Director
 457 2553 Chief, Bureau Of Program Resource
 Management
 457 1859 Chief, Bureau Of Municipal Waste
 Permitting
 457 7336 Chief, Bureau Of Resource Recovery
 457 7337 Bureau Of Waste Reduction & Recycling
 485 5854 Chief, Bureau Of Facility Management

Nosenchuck, Norman H.
 Willson, John J.

Muench, Albert H.

O'Toole, David R.
 Koelling, H. Richard
 Colden, William C.
 Blackman, David

DIVISION OF HAZARDOUS WASTE REMEDIATION, 50 Wolf Rd. 12233

457 5861 Acting Director
 457 0730 Assistant Director
 457 2582 Director, Bureau Of Program Management
 457 9280 Bureau Director, Bureau Of
 Construction Services
 457 8807 Bureau Director, Bureau Of Hazardous
 Site Control
 457 4349 Bureau Director, Bureau Of Eastern
 Remedial Action
 457 0414 Bureau Director, Bureau Of Western
 Remedial Action

O'Toole, Michael J.
 Goddard, Charles N.
 McKeon, Jack

Rockmore, Alan

Barcomb, Earl

Slack, Joseph

Delmore, Ed

DIVISION OF HAZARDOUS SUBSTANCES REGULATION, 50 Wolf Rd. 12233

457 6934 Director
 457 3691 Associate Director
 457 9257 Director, Bureau Of Hazardous Waste
 Facility Compliance
 457 0917 Director, Bureau Of Program &
 Technical Support
 457 9236 Director, Bureau Of Hazardous Waste
 Facility Management
 457 7267 Director, Bureau Of Pollution
 Prevention
 457 7482 Director, Bureau Of Pesticide
 Management
 457 2225 Director, Bureau Of Radiation

Kaul, N.G.
 Mafriqi, David

Middelkoop, John

Haggerty, Robert J.

Counterman, Paul R.

Iannotti, John E.

Dubois, Marilyn
 Merges, Paul J.

DIVISION OF WATER, 50 Wolf Rd. 12233

457 6674 Director
 457 6675 Associate Director
 457 1627 Assistant Director

Pagano, Salvatore
 Campbell, Daniel T.
 Mt. Pleasant, Russell C.

BUREAU OF INFORMATION & HUMAN RESOURCES, 50 Wolf Rd. 12233

457 0669 Director

Collin, Robert

CONTINUED

APPENDIX 1-3 CONTINUED

457 7470 BUREAU OF TECHNICAL SERVICES & RESEARCH, 50 Wolf Rd. 12233
Director Carcich, Italo

457 3495 BUREAU OF MONITORING & ASSESSMENT, 50 Wolf Rd. 12233
Director Mack, Peter J.

457 1627 BUREAU OF WATER RESOURCES, 50 Wolf Rd. 12233
Director Mt. Pleasant, Russell C.

457 3656 BUREAU OF WATER QUALITY MANAGEMENT, 50 Wolf Rd. 12233
Director DeGaetano, Philip M.

457 1067 BUREAU OF WASTEWATER FACILITIES DESIGN, 50 Wolf Rd. 12233
Director Halton, Daniel B.

457 5968 BUREAU OF WASTEWATER FACILITIES OPERATIONS, 50 Wolf Rd. 12233
Director Warner, Arthur F.

457 7469 BUREAU OF SPILL RESPONSE, 50 Wolf Rd. 12233
Director Quinn, Thomas E.

457 3157 BUREAU OF FLOOD PROTECTION, 50 Wolf Rd. 12233
Director Kelley, James F.

457 2410 BUREAU OF RESOURCES MANAGEMENT, 50 Wolf Rd. 12233
Director Nuffer, Fred

457 3891 DIVISION OF CONSTRUCTION MANAGEMENT, 50 Wolf Rd. 12233
Director LaRow, William C.
457 3891 Acting Director Hampston, Robert G.
457 3824 Technical Service Bureau Bogedain, Frank O.
457 3856 Bureau Of Construction Grants Administration Wallace, George E.
457 9412 Metropolitan Projects Bureau Dezolt, James
457 9148 Central Western Projects Bureau Davis, Robert
457 6252 Program Management Bureau Esmond, W. Fred

457 2475 OFFICE OF NATURAL RESOURCES, 50 Wolf Rd. 12233
Director Bathrick, Robert H.
457 2475 Assistant Director Beil, James A.
457 7430 Chief, Administrative Management Section Jamison, John L.
457 7431 Chief, Bureau Of Land Resources Zeh, Barton E.
457 5740 Chief, Bureau Of Forest Protection & Fire Management Jacoby, Edward F.
457 7370 Chief, Bureau Of Forest Resource Management Weller, Daniel
457 7433 Chief, Bureau Of Preserve Protection & Management Ives, Willard G., Jr.
457 7670 Chief, Bureau Of Real Property Nest, James

457 5690 DIVISION OF FISH AND WILDLIFE, 50 Wolf Rd. 12233
Director Wich, Kenneth F.
457 5691 Assistant Director Barnhart, Gerald

457 5420 BUREAU OF FISHERIES, 50 Wolf Rd. 12233
Chief Aquatic Biologist Shupp, Bruce

457 3730 BUREAU OF WILDLIFE, 50 Wolf Rd. 12233
Chief, Wildlife Biologist Parsons, Gary

457 6178 BUREAU OF ENVIRONMENTAL PROTECTION, 50 Wolf Rd. 12233
Chief Fish And Wildlife Ecologist Colquhoun, James R.

457 6610 OFFICE OF POLICY & PROGRAM ANALYSIS, 50 Wolf Rd. 12233
Director Of Policy & Program Analysis

453 1807 DIVISION OF AVIATION, Albany County Airport
Aviation Director Rodenhauser, Karl J.

CONTINUED

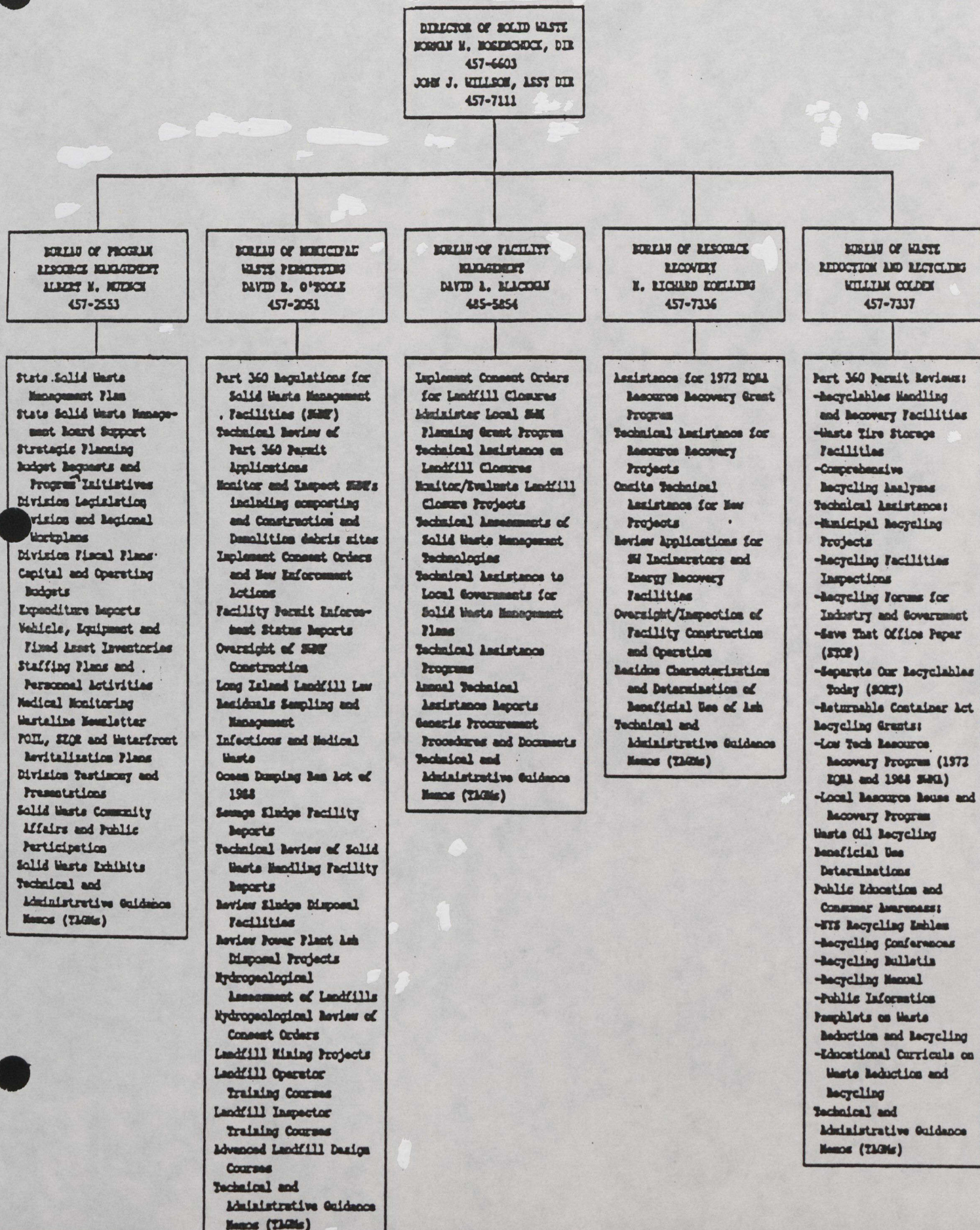
APPENDIX 1-3 CONTINUED

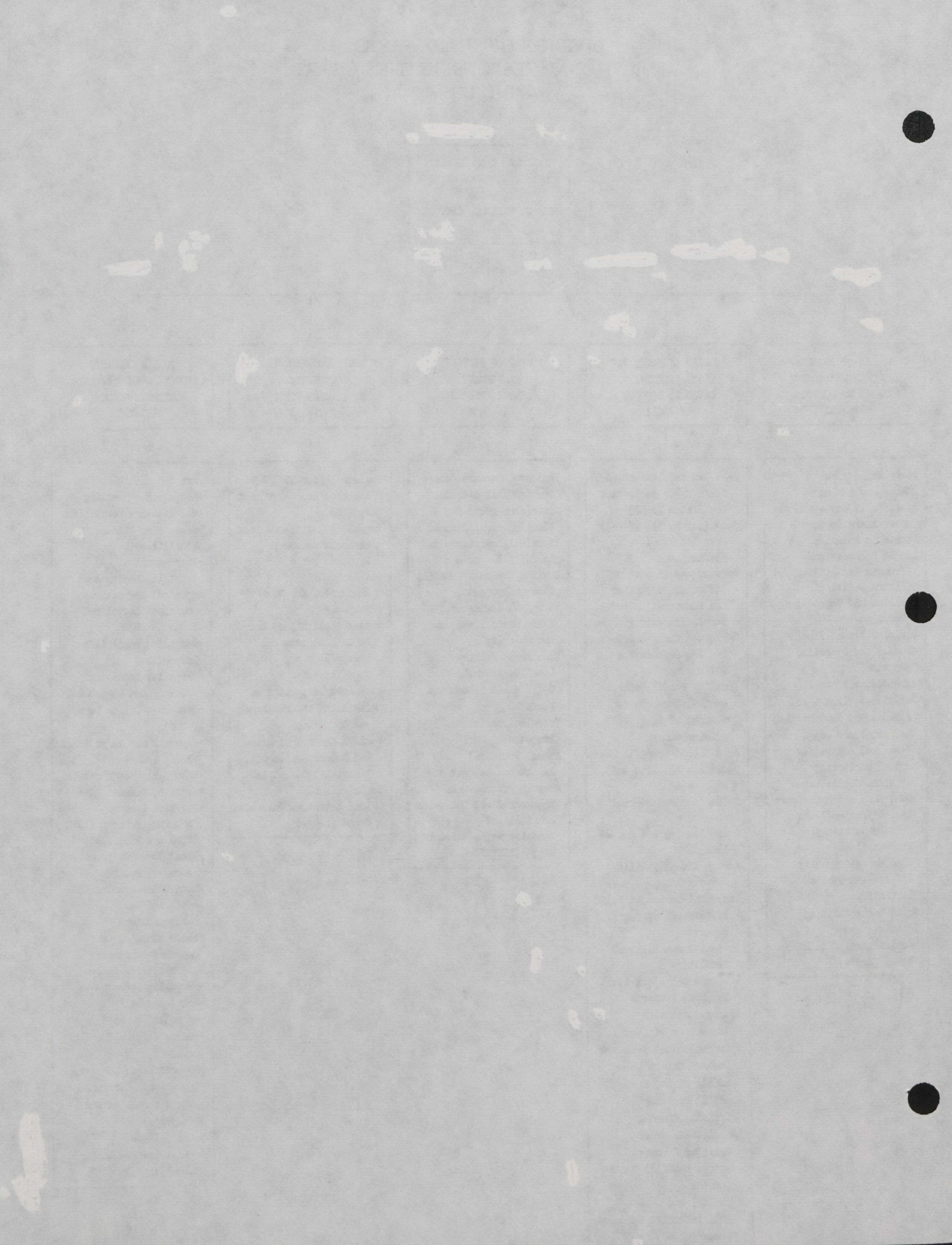
ENVIRONMENTAL FACILITIES CORPORATION, NEW YORK STATE

EXECUTIVE OFFICE, 50 Wolf.Rd. 12205

457 4222	Président	Agriss, Terry
457 4222	Executive Assistant	Benware, Thomas G.
457 4222	Secretary To The President	Ruff, Paula E.
457 4114	Director Of Finance And Administration	Estus, J. Andrea
457 4138	Hazardous Waste Program Manager	Simpson, Pickett T.
457 4116	Counsel	Hoffer, Mark
457 0573	Secretary To Corporation	Fahey, Maureen P.
457 4222	Public Information Officer	Egner, David.

DIVISION OF SOLID WASTE
FUNCTIONAL RESPONSIBILITIES CHART
APRIL 1, 1991





APPENDIX 2-2

SOLID WASTE MANAGEMENT PLANNING UNITS IN UPSTATE NEW YORK

PLANNING UNIT	TITLE	ADDRESS
REGION 3		
Dutchess Co. Res. Rec. Agency	Executive Director	41 Sand Dock Rd., Poughkeepsie 12601
Westchester County	Asst. Commissioner of Pub. Works	148 Martine Ave., W. Plains 10601
Ulster Co. Res. Rec. Agency	Executive Director	52 Main St., Kingston 12401
Orange County	Deputy Commissioner of Pub. Works	Rt. 17-M, P.O. Box 509, Goshen 10924
Rockland County	County Executive	11 New Hempstead Rd., New City 10956
Sullivan County	Commissioner of Pub. Works	100 North St., Monticello 12701
Putnam County	N/A	N/A
REGION 4		
Town of Colonie	Director, Environmental Services	1319 No. Loudon Rd., Cohoes 12047
City of Troy & Other Communs.	Recycling Coordinator	City Hall, 1 Monument Sq., Troy 12180
Answers Wasteshed	Commissioner of Pub. Works	Erie Blvd. Extension, Albany 12204
Delaware County	Chairman, board of Supervisors	111 Main St., Delhi 13753
Mont., Otsego, Schoha., S.W.M.A.	Executive Director of MOSA	P.O. Box 160, Rt. 7, Howes Cave 12092
Schenectady Co. Municipalities	Commissioner, Planning Dept.	620 State St., Schenectady 12307
Eastern Rensselaer Co. Swm Gr.	Chairman, Est. Rens. Co's. SWDA	Box 150, Valley Falls 12185
Town of Niskayuna	Commissioner of Pub. Works	1335 Balltown Rd., Niskayuna 12309
Columbia County	Chairman, Board of Supervisors	401 State St., Hudson 12534
Greene County	Director of Planning	288-292 Main St., P.O. Box 467, Catskill 12414
REGION 5		
Franklin Co. SWM Authority	Executive Director	121 East Main St., Malone 12953
County of Fulton	Director of Solid Waste	P.O. Box 28, Johnstown 12095
Warren/Washington Counties	Superintendent of Pub. Works	385 Upper Broadway, Ft. Edwards 12828
County of Saratoga	Chairman, Saratoga Co. SW Committee	40 McMaster St., Ballston Spa 12202
Clinton County	County Administrator	137 Margaret St., Plattsburgh 12901
Essex County	Director of Solid Waste Management	Court St., Elizabethtown 12932
Hamilton County	N/A	N/A
REGION 6		
Jefferson County	County Recycling Coordinator	175 Arsenal St., Watertown 13601
County of Lewis	Director of Planning	Court House, 7660 State St., Lowville 13367
Oneida/Herkimer SWM Auth.	Director of Recycling	311 Turner St., Suite 401, Utica 13501
St. Lawrence County	Executive Director, SWDA	127 N. Water St., Ogdensburg 13669
REGION 7		
Broome County	Director, Division of Solid Waste	1-3 Howley St., Binghamton 13901
Chenango County	Director, Department of Solid Waste	Box 6, 27 W. Main St., Norwich 13815
Tioga Co. Planning Board	Planning Director	56 Main St., Owego 13827
Cayuga Co. SWM Dept.	Director	160 Genesee St. Fl. 2, Auburn 13021
Madison County	Department of Solid Waste	P.O. Box 15, Wampsville 13163
Onondaga County	Director, Office of the Environment	421 Montgomery St., Syracuse 13202
Cortland County	Director of Solid Waste	Townline Rd., McGraw 13101
Oswego County	Administrator, Dept. of Solid Waste	46 E. Bridge St., Oswego 13126
Tompkins County	N/A	N/A
REGION 8		
Western Finger Lakes SWM Auth.	Executive Director	9 Pearl St. P.O. Box 36, Lyons 14489
Glow Region SWM Committee	Director of Planning	3837 W. Main St. Rd., Batavia 14020-9404
Chemung Co. SWM District	General Manager	1690 Lake St., Box 588, Elmira 14902
Schuyler County	Director, Planning Dept.	208 Broadway St., Montour Falls 14865
Monroe County	Division of Solid Waste	1845 Emerson St., Rochester 14614

CONTINUED

APPENDIX 2-2 CONTINUED

Steuben County
Ontario County

Department of Pub. Works
Director of Planning

3 E. Pulteney Square, Bath 14810
5297 Parkside Dr., Canandaigua 14424

REGION 9

Cattaraugus County
Niagara County
Chautauqua County
Allegany County
Erie County

Department of Pub. Works
Director of Environmental Management
Director, Dept. of Planning
Deputy Superintendent II
County Executive

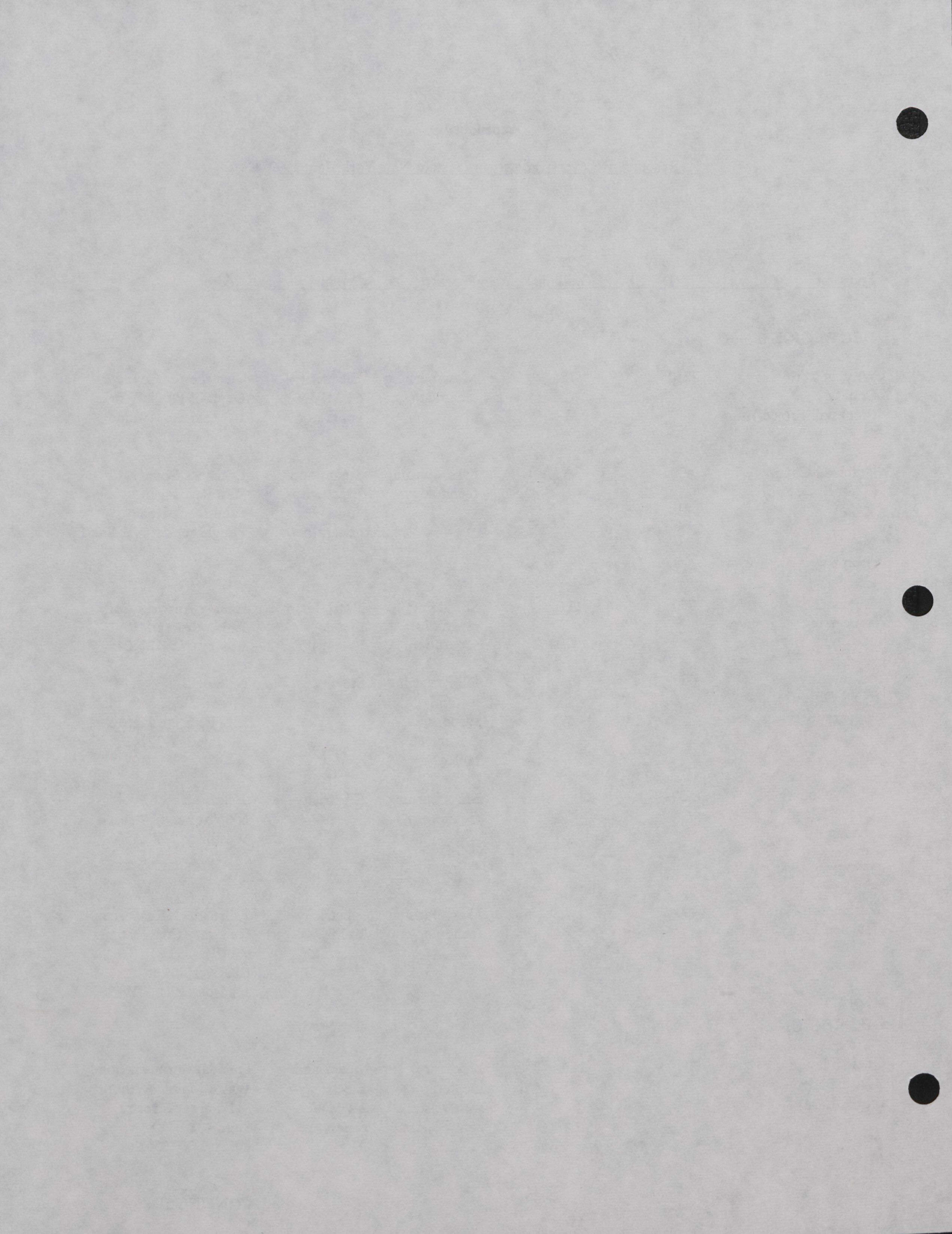
214 Main St., Little Valley 14755
County Court House, Lockport 14094-2740
3 N. Erie St., Mayville 14757
County Office Bldg., Belmont 14813
95 Franklin St., Buffalo 14202

Appendix 2-3

Resource Recovery Projects in Upstate New York, Jan. 1992

Location	Capacity T/D	Capital Cost (millions)	Process	Product	Address
DEC REGION 3					
Westchester County (Peekskill Project)	2250	186	Mass burning technology	Electricity- 61 MW generator	Westchester County Dept. of Public Works 149 Martine Avenue White Plains, NY 10601
Dutchess County (Trap Rock Site)	400	35	Mass burning technology	Steam and Electricity- 10 MW generator	Dutchess County Res. Rec. Agency Sand Dock Road Poughkeepsie, NY 12061
DEC REGION 4					
Albany City (processing facility)	750	11.3	Shredding, magnetic separation	RDF, ferrous metals	Energy Answers Corp. 79 North Pearl St. Albany, NY 12210
Albany City (NYS Office of General Services)	600	16	RDF burning in semi- suspension, stoker-gate boiler	Steam	NYSOGS Tower Bldg., 35th Floor Empire State Plaza Albany, NY 12242
Albany County (Green Island - proposed)	1500	200	Mass burning technology	Electricity	American Ref-Fuel 600 Avenue C Street Westbury, NY 11590
DEC REGION 5					
Washington County (Hudson Falls)	400	47.8	Mass burning technology	Electricity- 10 MW generator	Adirondack Resource Recovery Corporation PO Box 191 61 River Street Hudson Falls, NY 12839
DEC REGION 6					
Oneida County (Griffiss Air Force Base)	200	14.1	Modular incinerators with waste heat boilers	Steam and Electricity- 2.2 MW generator	Oneida/Herkimer Solid Waste Mgmt. Authority 311 Turner Street Suite 401 Utica, NY 13501

CONTINUED



Appendix 2-3 Continued

Resource Recovery Projects in Upstate New York, Jan. 1992

Location	Capacity T/D	Capital Cost (millions)	Process	Product	Address
DEC REGION 7					
Oswego County (Fulton)	200	16	Modular incinerators with waste heat boilers	Steam and Electricity- 4 MW generator	Dep. Superintendent Oswego Co. Energy Rec. RD #2, Box 184A Fulton, NY 13069
Broome County (Kirkwood)	571	77	Mass burning technology	Electricity- 18 MW generator	Broome County Res. Recovery Agency 1-3 Hawley Street Binghamton, NY 13901
Onondaga County (Rock Cut Road)	990	130	Mass burning technology	Electricity	Executive Director Onondaga Co. Resource Recovery Agency 100 Elwood Davis Rd. N. Syracuse, NY 13212
DEC REGION 9					
Niagara Falls (Occidental Energy Corp.)	2200	160	Shredding; magnetic separation, burning shredded refuse	Steam and electricity; ferrous metals, 48 MW generator	Occidental Energy PO Box 344 Niagara Falls, NY 14302
Cattaraugus/ Allegany Counties (Cuba Cheese Co.)	108	7.0	Modular incinerators with waste heat boilers	Steam	Commissioner Cattaraugus County Public Works Dept. 214 Main Street Little Valley, NY 14755

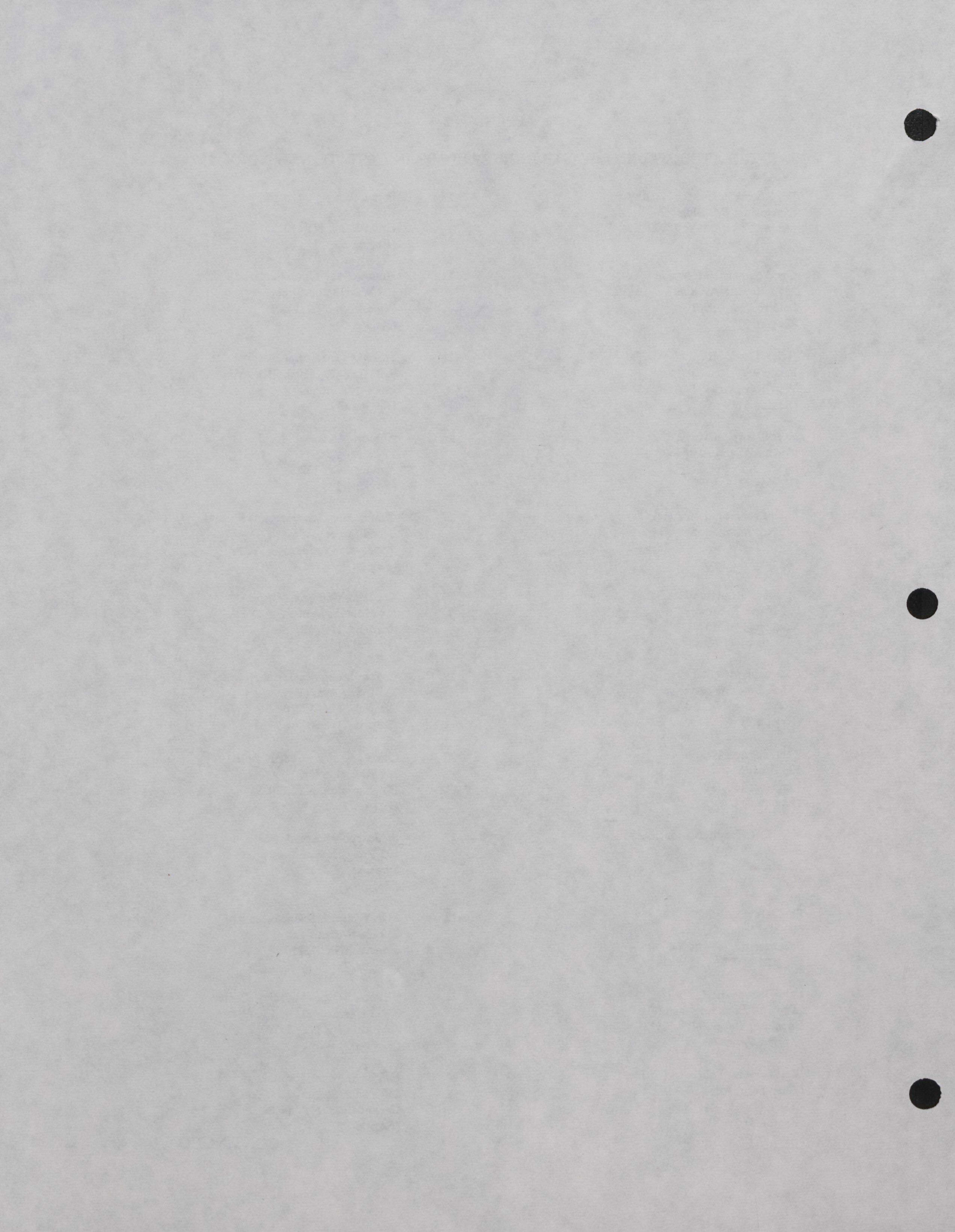
Source: NYS Dept. of Environmental Conservation, Division of Solid Waste

APPENDIX 2-4

REGULATED MEDICAL WASTE INCINERATORS IN UPSTATE NEW YORK, 1992

1	Dr. Robert L. Yeager Health Ctr. Sanatorium Rd. Bldg. A Mount Vernon, NY 10970 (Region 3)	13	Fort Drum Base Hospital Great Bend, NY 13623 (Region 6)
2	Good Samaritan Hospital 255 Lafayette Avenue Suffern, NY 10901 (Region 3)	14	House of the Good Samaritan Hosp. 830 Washington Street Watertown, NY 13601 (Region 6)
3	Helen Hayes Hospital Route 9W West Haverstraw, NY 10993 (Region 3)	15	St. Luke's memorial Hospital Ctr. P.O. Box 479, Champlain Ave. Utica, NY 13503 (Region 6)
4	Nyack Hospital North Midland Avenue Nyack, NY 10960 (Region 4)	16	Auburn Memorial Hospital 17 Lansing St. Auburn, NY 13201 (Region 7)
5	Phelps Memorial Hospital Ctr. 701 North Broadway North Tarrytown, NY 10591 (Region 3)	17	Community Gen. Hosp. of Syracuse Broad Street Syracuse, NY 13215 (Region 7)
6	St. Johns Riverside Hospital 967 North Broadway Yonkers, NY 10701 (Region 3)	18	Cortland Memorial Hospital 134 Homer Avenue Cortland, NY 13045 (Region 7)
7	St. Joseph Hospital 127 S. Broadway Avenue Westchester, NY 10701 (Region 3)	19	Crouse Irving Memorial Hospital 736 Irving Avenue Syracuse, NY 13210 (Region 7)
8	The Kingston Hospital 396 Broadway Kingston, NY 12401 (Region 3)	20	Our Lady of Lourdes Hospital 169 Riverside Dr. Binghamton, NY 13905 (Region 7)
9	VA-FDR Hospital (Montrose) Box 100 Montrose, NY 10548 (Region 3)	21	St. Joseph's hospital 301 Prospect Ave. Syracuse, NY 13203 (Region 7)
10	St. Clare's Hospital 600 McClellan Street Schenectady, NY 12304 (Region 4)	22	SUNY Health Science Center-University Hospital 750 East Adams St. Syracuse, NY 13210 (Region 7)
11	Pete Drown, Inc. (Town of Ellenburg facility) Ellenburg Depot, NY 12935 (Region 5)	23	Wilson Memorial Medical Center 33-57 Harrison St. Johnson City, NY 13790 (Region 7)
12	Wyeth-Ayerst Laboratories, Inc. Miner Farm Rd. Chazy, NY 12921 (Region 5)	24	F.F. Thompson Hospital 350 Parish St. Canandaigua, NY 14424 (Region 8)

CONTINUED



APPENDIX 2-4 CONTINUED

- | | | | |
|----|--|----|---|
| 25 | Highland Hospital
1000 South Avenue
Rochester, NY 14620
(Region 8) | 33 | Millard Fillmore Hospital
3 Gates Circle
Buffalo, NY 14209
(Region 9) |
| 26 | Newark-Wayne Community Hospital
111 Driving Park Ave.
Newark, NY 14613
(Region 8) | 34 | Millard Fillmore Suburban Hospital
1540 Maple Road
Williamsville, NY 14221
(Region 9) |
| 27 | Rochester General Hospital
1425 Portland Avenue
Rochester, NY 14621
(Region 8) | 35 | Niagara Falls Memorial Medical Ctr.
621 10th Street
Niagara Falls, NY 14302
(Region 9) |
| 28 | University of Rochester
(Strong Memorial hospital)
601 Elmwood Ave.
Rochester, NY 14642
(Region 8) | 36 | Olean General Hospital
515 Main Street
Olean, NY 14760
(Region 9) |
| 29 | Buffalo General Hospital
100 High Street
Buffalo, NY 14203
(Region 9) | 37 | Roswell Park Memorial Institute
Elm & Carlton Streets
Buffalo, NY 14263
(Region 9) |
| 30 | Buffalo Mercy Hospital
565 Abbott Road
Buffalo, NY 14220
(Region 9) | 38 | Sisters of Charity Hospital
2157 Main Street
Buffalo, NY 14214
(Region 9) |
| 31 | Children's Hospital of Buffalo
219 Bryant Street
Buffalo, NY 14222
(Region 9) | 39 | Women's Christian Assoc. Hospital
207 Foote Avenue
Jamestown, NY 14701
(Region 9) |
| 32 | Degraff Memorial Hospital
445 Tremont Street
North Tonawanda, NY 14120
(Region 9) | | |

APPENDIX 3-1

HAZARDOUS WASTE GENERATORS REPORTING TO NYS DEC, 1991

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

11/26/91 GENERATORS WITH ANNUAL REPORTS

11/26/91 GENERATORS WITH ANNUAL REPORTS

109TH TACTICAL AIRLIFT GROUP
NY3570025897
AIR NATIONAL GUARD ROAD
SCOTIA
NY 12302 ROCHESTER

AEROSPACE AVIONICS INC
HYD98077320
1000 MACARTHUR MEMORIAL HWY
BOHEMIA
NY 11716 SHOREHAM

AGFA CORPORATION
HYD002044139
RT. 25A & RANDALL ROAD
SHOREHAM
NY 11786

174 TFV/DE, HANCOCK FIELD-US AIR GUARD
NY3570025475
EAST MOLLOY ROAD
EAST SYRACUSE
NY 13211 MARCELLUS

AGWAY ENERGY PRODUCTS
HYD043801398
RD 2 RIVERSIDE DRIVE
MARCY
NY 13108

AGWAY ENERGY PRODUCTS
HYD980537153
754 BROOKS AVENUE
ROCHESTER
NY 14619

3K PRINTING AND PUBLISHING
HYD045606480
1999 MT. READ AVENUE
ROCHESTER
NY 14615 NEW YORK

AGWAY ENERGY PRODUCTS
HYD980663421
PO BOX 160
BREWERTON
NY 10017

AGWAY ENERGY PRODUCTS
HYD9000898734
320 NORTH CENTRAL AVENUE
MINOA
NY 13115

4518 ASSOCIATES
HYD900899542
45 WEST 18TH STREET
NEW YORK
NY 10011 ROCHESTER

460 BUFFALO ROAD
NYD980789218
460 BUFFALO ROAD
ROCHESTER
NY 14652

AHLSTROM SCREEN PLATES, INC.
HYD093251056
PRUYN'S ISLAND
GLENS FALLS
NY 12801 DEER PARK

914TH TACTICAL AIRLIFT GROUP
NY0570024273
NIAGARA FALLS INTERMATION AIRPORT (NFI)
NIAGARA FALLS
NY 14304 ROCHESTER

A.B. DICK COMPANY
NYD067916494
811 JEFFERSON ROAD
ROCHESTER
NY 14623

AIR FORCE PLANT NO. 59
NYD002235182
600 MAIN STREET
JOHNSON CITY
NY 13790

AIR PRODUCTS/GSF ENERGY
HYD981081011
1010 HULLDOON AVENUE
STATEN ISLAND
NY 10314

ABB AIR PREHEATER INC.
HYD981555535
ROUTE 417, BOX 372
WELLSVILLE
NY 14895 ROCHESTER

ABB KENT-TAYLOR
NYD002211415
95 AMES STREET
ROCHESTER
NY 14611

AIRCRAFT FINISHING CORPORATION
HYD982181521
612 RUTGERS ROAD
NORTH BABYLON
NY 11703

AKZO CHEMICALS INC.
HYD43815158
2153 LOCKPORT-OLCOTT ROAD
BURT
NY 14028

ACCENT STRIPE, INC.
HYD986909026
3275 BENZING ROAD
ORCHARD PARK
NY 14127 CUBA

ACME ELECTRIC CORP
HYD001929074
20 WATER STREET
CUBA
NY 14127

AKZO CHEMICALS INC.
HYD056301104
1 LIVINGSTON AVENUE
DOBBS FERRY
NY 10522

AKZO SALT INC.
HYD002205607
3846 RETSOF RD.
RETSOF
NY 14539

ACME STEEL PARTITION CO
HYD981484561
513 PORTER AVENUE
BKLYN
NY 11222 ROCHESTER

ADVANCE SCREEN PRODUCTS CORP.
HYD002204584
8 DEEP ROCK ROAD
ROCHESTER
NY 14624

AL TECH SPECIALTY STEEL CORP.
HYD030215529
WILLOKBROOK AVE.
DUNKIRK
NY 14048

AL TECH SPECIALTY STEEL CORP.
HYD060545209
P.O. BOX 91, SPRING STREET ROAD
WATERVLIET
NY 12189

ADVANCED COATING TECH. INC.
HYD075801746
311 WYANDANCH AVENUE
N. BABYLON
NY 11704 YONKERS

AEROCLO, INC.
HYD098220965
700 WEPPEHAN AVENUE
YONKERS
NY 10703

ALBERTS PLATING WKS INC
HYD001213099
411 WEST AVENUE
BROOKLYN
NY 11222 ALBION

ALBION AGWAY HORTICULTURAL CENTER
HYD986913036 50 DIVISION PLACE
ALBION
NY 14411

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

11/26/91 GENERATORS WITH ANNUAL REPORTS

ALCOA ROLLED PRODUCTS COMPANY
HYD003980216
LAKE ROAD NORTH
SCRIBA
NY 13126
NY 10566

ALLEGHENY GAS TRANSMISSION CO.
HYD094174554
695 OHIO STREET
LOCKPORT
NY 10980
NY 14094

ALLIANCE METAL STAMPING & FABRICATING
HYD059650218
12 PIXLEY INDUSTRIAL PARKWAY
ROCHESTER
NY 14624
NY 12183

ALLIED-SIGNAL INC.-BUFFALO RESEARCH LA
HYD000632315
20 PEABODY STREET
BUFFALO
NY 14210
NY 13209

ALLIED-SIGNAL, INC.
HYD077499515
2221 SHITHTOWN AVENUE
ROKONKOKOMA
NY 11779
NY 11747

ALUMAX EXTRUSIONS INC.
HYD000632109
320 S. ROBERTS ROAD
DUNKIRK
NY 14814
NY 14048

ALUMINUM COMPANY OF AMERICA
HYD002232304
PARK AVENUE EAST
MASSENA
NY 13662
NY 13850

AMERADA HESS CORP.
HYD000705889
590 RIVER ROAD
ROSETON
NY 12550
NY 10461

AMERADA HESS CORP.
HYD000707778
9570 RIVERSIDE DRIVE
MARCY
NY 13403
NY 13204

AMERADA HESS CORP.
HYD094174554
695 OHIO STREET
LOCKPORT
NY 10980
NY 14094

ALLEGHENY LUDLUM CORPORATION
HYD094174554
695 OHIO STREET
LOCKPORT
NY 10980
NY 14094

ALLIED SIGNAL BENDIX FRICTION MATERIAL
HYD002081230
TIBBITS AVENUE & COHOES ROAD
GREEN ISLAND
NY 14624
NY 12183

ALLIED-SIGNAL, INC.
HYD002244945
1700 MILTON AVENUE
SOLVAY
NY 14210
NY 13209

ALTA MA INC.
HYD114425051
60 BAYLIS ROAD
MELVILLE
NY 11779
NY 11747

ALUMAX EXTRUSIONS INC.
HYD000632109
320 S. ROBERTS ROAD
DUNKIRK
NY 14814
NY 14048

AMERADA HESS CORP.
HYD000691816
440 PRENTICE ROAD
VESTAL
NY 13662
NY 13850

AMERADA HESS CORP.
HYD000707760
1392 COMMERCE STREET
BRONX
NY 12550
NY 10461

AMERADA HESS CORP.
HYD010766822
420 W. HIANATHA BLVD.
SYRACUSE
NY 13403
NY 13204

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

11/26/91 GENERATORS WITH ANNUAL REPORTS

AMERADA HESS CORP.
HYD0046882247
RIVER ROAD, EAST GREENBUSH
RENSELAER
NY 12144
NY 14606

AMERADA HESS CORP.
HYD900651756
722 COURT STREET
BROOKLYN
NY 11231
NY 11430

AMERICAN BANKNOTE
HYD981132558
20 N AIRPORT RD
SUFFERN
NY 10901
NY 13851

AMERICAN BRASS - BUFFALO
HYD000632083
70 SAYRE ST.
BUFFALO
NY 14207
NY 14127

AMERICAN HEALTH FOUNDATION - NAYLOR
HYD078722279
1 DANA ROAD
VALHALLA
NY 10595
NY 14450

AMERICAN PACKAGING CORPORATION
HYD002204741
777 DRIVING PARK AVENUE
ROCHESTER
NY 14613
NY 11746

AMHERST FOUNDRY INC
HYD002109247
204 AMHERST STREET
BUFFALO
NY 14207
NY 11931

AMPEREX ELECTRONIC CO.
HYD060340726
230 DUFFY AVENUE
HICKSVILLE
NY 11802
NY 13838

AMR EAGLE-COMMAND
HYD002420826
263 NEW HACKENSACK ROAD
WAPPINGERS FALLS
NY 12590
NY 12110

AMERADA HESS CORP.
HYD0073674848
1975 LYELL ROAD
ROCHESTER
NY 12144
NY 14606

AMERICAN AIRLINES MHC HGR #10
HYD981184930
JFK INTL APT
JAMAICA
NY 11231
NY 11430

AMERICAN BOARD COMPANIES, INC.
HYD045201688
200 STAGE ROAD
VESTAL
NY 10901
NY 13851

AMERICAN ENVELOPE CO.-BUFFALO DIV.
HYD982536310
100 CENTRE DRIVE
ORCHARD PARK
NY 14207
NY 14127

AMERICAN NATIONAL CAN CO.
HYD082751439
815 N. WHITNEY
FAIRPORT
NY 10595
NY 14450

AMERICAN TECHNICAL CERAMICS
HYD009901059
15 STEPAR PLACE
HUNTINGTON STATION
NY 14613
NY 11746

AMP AKZO ADDITIVE CIRCUITS
HYD002044196
P.O BOX 700
AQUEBOGUE
NY 14207
NY 11931

AMPHENOL CORPORATION
HYD001827633
40-60 DELAWARE AVENUE
SIDNEY
NY 11802
NY 13838

AMR EAGLE-COMMAND
HYD082740433
85 SICKER ROAD
LATHAM
NY 12590
NY 12110

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

GENERATORS WITH ANNUAL REPORTS

11/26/91

AMSTERDAM PRINTING AND LITHO CORP.
NYD002066777
WALLINS CORNERS ROAD
AMSTERDAM NY 12010
AMTEC IMAGE CORPORATION
NYD002218394
15 EAST MC CANNS BOULEVARD
ELMIRA NY 14902
ANORAD CORP.
NYD002238582
459 - 475 PULASKI STREET
SYRACUSE- NY 13204
ARCATA GRAPHICS
NYD004971719
TC INDUSTRIAL PARK
DEPEN NY 14120
ARKVIN INDUSTRIES INC.
NYD002037513
648 MAIN STREET
WESTBURY NY 11787
ASHLAND CHEMICAL INC.
NYD049253719
3 BROAD STREET
BINGHAMTON NY 13902
ASTRO ELECTROPLATING, INC.
NYD049199581
170 CENTRAL AVENUE
FARMINGDALE NY 14150
AT&T MASSAU METALS
NYD086225596
J MASSAU PLACE
STATEN ISLAND NY 10307
ATLANTIC REFINING & MARKETING
NYD059957324
3733 RIVER ROAD
TOWANANDA NY 14150

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

GENERATORS WITH ANNUAL REPORTS

11/26/91

ATLAS COPCO
NYD981871411
20 SCHOOL RD.
VOORHEESVILLE NY 14425
AUBURN MEMORIAL HOSPITAL
NYD041587593
17 LAWSING ST.
AUBURN NY 13902
AUTOMATIC CONNECTOR, INC.
NYD075795740
400 MORELAND ROAD
CONRACK NY 11788
AVARD PACKAGING CORP.
NYD002038453
625 SOUTH ST.
GARDEN CITY NY 14043
AYERST RESEARCH
NYD981080583
MINER FARM ROAD
CHAZY NY 11590
BAR-RAY PRODUCTS, INC.
NYD001344274
237-25TH ST.
BROOKLYN NY 12144
BARR LABORATORIES INC
NYD044837086
2 QUAKER ROAD
POHONO NY 11735
BASF CORP.
NYD093249688
36 RIVERSIDE AVE.
RENSSELAER NY 12144
BAUSCH & LOMB INCORPORATED
NYD982187700
587 ROUTE 303
BLAUVELT NY 13850
BAUSCH & LOMB INCORPORATED
NYD002207751
1400 N. GOODMAN STREET
ROCHESTER NY 12015
BAUSCH & LOMB INC.
NYD000632372
4255 RESEARCH PARKWAY
CLARENCE NY 14031
BARKER BROS INC
NYD001291921
1666 SUMMERFIELD STREET
RIDGEWOOD NY 11385
BASF CORP.
NYD093249688
36 RIVERSIDE AVE.
RENSSELAER NY 10970
BAUSCH & LOMB - FRAME CTR.
NYD002207744
465 PAUL RD.
ROCHESTER NY 10913
BDT, INC.
NYD000632372
4255 RESEARCH PARKWAY
CLARENCE NY 14031

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

GENERATORS WITH ANNUAL REPORTS

11/26/91

BELL AEROSPACE TEXTRON
HYD002106276
2221 NIAGARA FALLS BLYD
WHEATFIELD

NY 14304

BERKMAN BROTHERS CORP.
HYD001236017
55 ECKFORD ST.
BROOKLYN

NY 11222

BERKZONATIC
HYD048392963
ONE BERKZONATIC DRIVE
MEDINA

NY 14103

BETHLEHEM STEEL CORP.
HYD002134880
2600 HAMBURG TURNPIKE
LACKAWANNA

NY 14218

BIRMGHANTON PSYCHIATRIC CENTER
HYD010781854
425 ROBINSON STREET
BIRMGHANTON

NY 13901

BLOOMINGDALES
HYD040380842
50-02 55TH AVENUE
MASPETH

NY 11378

BLUE CIRCLE CEMENT INC.
HYD002069557
ROUTE 9W
RAVENA

NY 12143

BOCES II ISLIP TECHNICAL CENTER
HYD980785869
375 LOCUST AVENUE
OAKDALE

NY 11769

BOLAR PHARMACEUTICAL CO., INC.
HYD982540361
130 LINCOLN STREET
COPIAGUE

NY 11726

BORG WARNER AUTOMOTIVE COMPONENTS
HYD058921107
800 WARREN ROAD
ITHACA

NY 14850

BRAINERD MFG. CO.
HYD002204758
115 N. WASHINGTON ST.
EAST ROCHESTER

NY 14445

BRISTOL-HYERS SU188 COMPANY
HYD002230902
315 N THOMPSON ROAD
EAST SYRACUSE

NY 13057

BRONX COMMUNITY COLLEGE OF THE UNIVERS
HYD038210613
UNIVERSITY AVE W181 ST
BRONX

NY 10453

BROOKHAVEN NATIONAL LABORATORY
HY7890008975
BLDG. 464, DOE BROOKHAVEN AREA OFFICE
UPTON

NY 11973

BROOKLYN UNION GAS COMPANY
HYD006978795
287 MASPETH AVENUE
BROOKLYN

NY 11211

BSB PRODUCTS CORPORATION
HYD986909810
250 GRIDER ST.
BUFFALO

NY 14215

BUCKBEE-HEARS CORTLAND
HYD010783967
KELLOGG ROAD
CORTLAND

NY 13045

BUCKEYE PIPE LINE COMPANY, L.P.
HYD000692095
ROCHESTER BITT, 15 CAIRN ST.
ROCHESTER

NY 14611

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

GENERATORS WITH ANNUAL REPORTS

11/26/91

BUCKEYE PIPE LINE COMPANY, L.P.
HYD980537054
AUBURN STATION, GATES RD., RT. 6
AUBURN

NY 13201

BUCKEYE PIPE LINE COMPANY, L.P.
HYD986930782
JOHNSON CITY STATION, HARRY L. DRIVE
JOHNSON CITY

NY 13790

BUCKEYE TANK TERMINAL - SYRACUSE
HYD010759025
401 WEST HIAWATHA BLYD
SYRACUSE

NY 13204

BUFFALO CHINA INC
HYD980653109
51 HAYES PLACE
BUFFALO

NY 14210

BUFFALO COLOR CORPORATION
HYD080335052
100 LEE STREET
BUFFALO

NY 14210

BUFFALO FORGE CO
HYD002114759
450 BROADWAY
BUFFALO

NY 14204

BUFFALO METAL & WOOD FAB. DIV. MAR IND
HYD002102853
50 NECKER STREET
BUFFALO

NY 14215

BUFFALO KEYS -DIV. OF BERKSHIRE HATHAW
HYD982280943
1 NEWS PLAZA, P.O. BOX 200
BUFFALO

NY 14240

BULOVA TECHNOLOGIES INC.
HYD980758189
160 E. SUNRISE HWY
FREEPORT

NY 11520

BUSH INDUSTRIES, INC.
HYD002111961
312 FAIR OAK STREET
LITTLE VALLEY

NY 14755

BUSH INDUSTRIES, INC.
HYD981134620
ONE MASON DRIVE
JAMESTOWN

NY 14702

C R BARD INCORPORATED
HYD0063784797
266 BAY ROAD, P.O. BOX 787
GLENS FALLS

NY 12804

CAD CHARTER POKER SYSTEMS
HYD064337298
209 BOX 209
HUGUENOT

NY 12746

CABLEC UTILITY CABLE CO.
HYD0064308240
YONKERS NY PLANT
YONKERS

NY 10723

CAE/LINK FLIGHT SIMULATION DIVISION
HYD000818468
11 BECKWITH AVENUE - IND. PARK HC FACI
HILLCREST

NY 14222

CAE/LINK FLIGHT SIMULATION DIVISION
HYD000818468
11 BECKWITH AVENUE - IND. PARK HC FACI
HILLCREST

NY 13902

CAE/LINK FLIGHT SIMULATION DIVISION
HYD002230860
INDUSTRIAL PARK - KIRKHOOD FACILITY H/
BINGHARTON

NY 13902

CAE/LINK FLIGHT SIMULATION DIVISION
HYD002412963
2125 SHIRTON AV. E.
RONKONKONA

NY 11779



APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
11/26/91	11/26/91	11/26/91	11/26/91
CAMDEN WIRE CO., INC. HYD00223397 12 MASONIC AVENUE CAMDEN	CAMDEN WIRE CO., INC. HYD980593024 PRESTON HILL ROAD CAMDEN	CHANDLER LANDFILL HYD986892032 SULPHUR SPRINGS ROAD OMEGO	CHANEL MASTER HYD042457788 ROUTE 209 N. ELLENVILLE
NY 13316	NY 13316	NY 13827	NY 12428
CARBORUNDUM ABRASIVES COMPANY HYD000829606 6600 VALMORE ROAD NIAGARA FALLS	CARRIER AIR CONDITIONING/THOMPSON RD. HYD0001317072 P.O. BOX 4808 CARRIER PKWY-GREG LOWE, SYRACUSE	CHAUTAQUA HARDWARE CORP HYD002100493 31-35 WATER STREET JAMESTOWN	CHEMICAL LEAMAN TANK LINES, INC. HYD046873790 870 S. PEARL STREET ALBANY
NY 14304	NY 13221	NY 14702	NY 12201
CARTON & CONTAINER DIV. - GENERAL FOOD HYD002069789 49 GEYSER ROAD SARATOGA SPRINGS	CASCADES NIAGARA FALLS INC HYD986887180 4001 PARKARD RD NIAGARA FALLS NIAGARA FALLS	CHEMICAL LEAMAN TANK LINES, INC. HYD048386205 470 FILLMORE AVENUE TONAWANDA	CHEMICAL MANAGEMENT INC. HYD000691949 340 EASTERN PARKWAY FARMINGDALE
NY 12866	NY 14302	NY 14150	NY 11735
CASE-HOYT HYD002206365 800 ST. PAUL ST. ROCHESTER	CASE-HOYT HYD043070663 100 BEAVER RD. CHURCHVILLE	CHEMICAL POLLUTION CONTROL HYD0082785429 120 SOUTH FOURTH STREET BAY SHORE	CHEMICAL SALES CORPORATION HYD000822916 190 LEE ROAD ROCHESTER
NY 14601	NY 14428	NY 11706	NY 14606
CECOS INTERNATIONAL, INC. HYD080336241 56TH STREET AND NIAGARA FALLS BLVD. NIAGARA FALLS	CELLU-CRAFT, INC. HYD001941053 1403 FOURTH AVENUE NEW HYDE PARK	CHEMICAL WASTE DISPOSAL CORP. HYD077444263 42-14 19TH AVENUE ASTORIA	CHICAGO PNEUMATIC TOOL COMPANY HYD002230977 2200 BLEECKER STREET UTICA
NY 14304	NY 11040	NY 11105	NY 13501
CENTRAL HUDSON GAS & ELECTRIC CORP. HYD000705905 CLINTONDALE FACILITY (ELTINGS CORNERS) CLINTONDALE	CENTRAL HUDSON GAS & ELECTRIC CORP. HYD006993695 POUGHKEEPSIE DISTRICT, 284 SOUTH AVENUE POUGHKEEPSIE	CHROMALLOY RAT HYD046337549 BLAISDELL ROAD ORANGEBURG	CIBA-GEIGY CORP. HYD0001221845 444 SAW MILL RIVER ROAD ARDSLEY
NY 12515	NY 12601	NY 10962	NY 10502
CENTRAL HUDSON GAS & ELECTRIC CORP. HYD127325405 HEMBURGH DISTRICT, 410 LITTLE BRITAIN HEMBURGH	CENTRAL HUDSON GAS & ELECTRIC CORP. HYD980592612 DANSKAMMER STATION, 594 RIVER ROAD HEMBURGH	CIBA-GEIGY CORPORATION HYD000818149 JENKINSVILLE ROAD QUEENSBURY	CIBA-GEIGY CORPORATION HYD002069748 MAIN PLANT SITE, LOWER WARREN STREET GLENS FALLS
NY 12550	NY 12550	NY 12803	NY 12801
CENTRAL HUDSON GAS & ELECTRIC CORP. HYD981187214 KINGSTON DISTRICT, RT. 28 KINGSTON	CHAMPION INT. CORP. HYD002229169 ANDERSON AVE DEFERRET	CIBA-GEIGY CORPORATION HYD0098334618 LOWER WARREN STREET GLENS FALLS	CIBA-GEIGY CORPORATION HYD000707927 P.O. BOX 816 LONG HEADON
NY 12401	NY 13628	NY 10901	NY 12801
CHAMPION INTERNATIONAL CORP. HYD0089756340 P.O. BOX 271 VALDEN	CHAMPION PRODUCTS INC HYD0051817575 200 NORTH MAIN STREET PERRY	CIBRO PETROLEUM PRODUCTS, INC. HYD0084069426 PORT OF ALBANY ALBANY	CIRTICHEM, INC. HYD000707927 P.O. BOX 816 LONG HEADON
NY 12586	NY 14530	NY 12202	NY 10987

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
CORNING INCORPORATED NYD082272114 1 CHASE PLAZA NEW YORK	NY 10005	CORNELL UNIVERSITY MEDICAL COLLEGE NYD020396438 1300 YORK AVENUE NEW YORK	NY 10021
CORNING INCORPORATED NYD082279598 111 EIGHTH AVENUE NEW YORK	NY 10011	CORNING INCORPORATED NYD000824417 PREC. MOLD & MACH., E. TIOGA A CORNING	NY 14831
CORNING INCORPORATED NYD082280349 W MARGINAL AND W 20TH STREET NEW YORK	NY 10011	CORNING INCORPORATED NYD004971503 MAIN PLANT - BLDG. 37-1 CORNING	NY 14831
CORNING INCORPORATED NYD082281198 156 RIVERSIDE DRIVE NEW YORK	NY 10024	CORNING INCORPORATED NYD042352658 MCADOO ROAD CANTON	NY 13617
CORNING INCORPORATED NYD082535601 BUCHANAN SERVICE CENTER BROADWAY & BUCHANAN	NY 10511	CORNING INCORPORATED NYD00824359 FULTON STREET CORNING	NY 14831
CORNING INCORPORATED NYD091304411 INDIAN POINT STATION, BROADWAY & BLEAK BUCHANAN	NY 10511	CORNING, INCORPORATED NYD000824425 FALL BROOK PLANT - TIOGA AVENUE CORNING	NY 14831
COYNE, INC. NYD096297544 1405 BUFFALO ST. OLEAN	NY 14760	COYNE TEXTILE SERVICES NYD092472869 21 MOORE STREET BUFFALO	NY 14204
CONTEMPORARY CEILINGS INC. NYD047677042 31-30 HUNTERSPOINT AVENUE LONG ISLAND CITY	NY 11101	CREEDMOOR PSY CENTER NYD0033491028 80-45 WINCHESTER BLVD. QUEENS VILLAGE	NY 11427
COOPER POWER SYSTEMS NYD002123651 1648 DUGAN ROAD OLEAN	NY 14760	CROUSE-HINDS DIV/COOPER INDUSTRIES, IN NYD002227973 WOLF AND SEVENTH NORTH STREETS SYRACUSE	NY 13221
CORNING INCORPORATED NYD082280331 W MARGINAL & W HOUSTON STREET NEW YORK	NY 10014	CORNING INCORPORATED NYD013666821 673 COUNTY ROUTE 64 BIG FLATS	NY 14814
CORNING INCORPORATED NYD082281180 425 EAST 52ND STREET NEW YORK	NY 10022	CORNING INCORPORATED NYD067919183 SULLIVAN PARK PAINTED POST	NY 14870
CORNING INCORPORATED NYD082535551 EAST 16TH STREET 700 EAST 16TH STREET NEW YORK	NY 10003	CORNING INCORPORATED ERWIN MATERIALS P NYD00824367 ADDISON RD RT 417 CORNING	NY 14831
CORNING INCORPORATED NYD003917960 RAVENSHOOD STATION, 718 37TH AVENUE QUEENS	NY 11101	COYNE TEXTILE SERVICES NYD013250618 P.O. BOX 4854, 140 CORTLAND AVE. SYRACUSE	NY 13221
CONY ISLAND YARD & SHOP NYD091290800 AVENUE X & McDONALD AVE. BROOKLYN	NY 11233	COYNE TEXTILE SERVICES NYD0981129976 1435 ERIE BLVD. SCHEMECTADY	NY 12305
CONTINENTAL EXTRUSION CORPORATION NYD002046340 TWO ENDO BLVD GARDEN CITY	NY 11530	CROSHAN CORPORATION NYD0055961361 RTS. 5 & 20 E. BLOOMFIELD	NY 14443
CORNELL UNIVERSITY LIFE SAFETY NYD000810986 201 PALM ROAD ITHACA	NY 14850	CRUCIBLE SPECIALTY METALS NYD071596449 STATE FAIR BLVD. SOLVAY	NY 13209

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
11/26/91		11/26/91	
CUMBERLAND FARMS HYD986912533 131 W. MERRICK ROAD FREEPORT	CUMBERLAND FARMS/GULF HYD986890457 500 HILLSIDE AVENUE NEW HYDE PARK	DERICK MANUFACTURING CORP. HYD002110864 570 DUKE ROAD BUFFALO	DEUTSCH RELAYS INC. HYD05772019 65 DALY ROAD E. WORTHPORT
NY 11570	NY 11801	NY 11570	NY 14225
NY 11040	NY 14213	NY 11040	NY 11731
CUMBERLAND FARMS/GULF HYD986925238 195 OLD COUNTRY ROAD HICKSVILLE	CURTIS SCREW CO., INC. HYD002106599 1130 NIAGARA STREET BUFFALO	DEXTER ELECTRONIC MATERIALS DIVISION HYD042569079 211 FRANKLIN STREET OLEAN	DIAMOND PACKAGING HYD067902304 111 COMMERCE DRIVE ROCHESTER
NY 11801	NY 14215	NY 14760	NY 14623
NY 14215	NY 14107	NY 14760	NY 14203
CURTIS WRIGHT CORP HYD002114825 60 GRIDER STREET BUFFALO	CUSTOM ASSEMBLIES, INC. HYD091975037 2507 WAYNE STREET ENDICOTT	DIAZ CHEMICAL CORPORATION HYD067532580 40 JACKSON STREET HOLLEY	DINAIRE CORP. HYD002107183 601 OHIO STREET BUFFALO
NY 14215	NY 14107	NY 14470	NY 14203
CUM CHEMICAL SERVICES, INC. HYD049836679 1550 BALMER ROAD MODEL CITY	CYPRESS PACKAGING, INC. HYD002214740 1525 BROOKS AVE. ROCHESTER	DINAIRE CORP. HYD986867778 145 GRUMER ROAD BUFFALO	DIRECT PRESS MODERN LITHO, INC. HYD980654081 386 OAKWOOD ROAD HUNTINGTON STATION
NY 14107	NY 14624	NY 14227	NY 11746
DAHLSTROM MANUFACTURING CO., INC. HYD063649784 443 BUFFALO STREET JAMESTOWN	DANBURY PHARMACAL, INC. HYD982189086 12 STONELEIGH AVENUE CARHEL	DISPLAY TECHNOLOGIES HYD064250921 35 LENIGH STREET GENEVA	DL BANITE HYD982741134 47 EAST MARKET STREET BUFFALO
NY 14701	NY 14701	NY 14456	NY 14204
DAYTON T. BROWN, INC. HYD002050177 CHURCH STREET BOHEMIA	DECORA MANUFACTURING HYD002067932 1 MILL STREET FORT EDWARD	DOHERMUTH PETROLEUM HYD980766406 NORTH ROAD CLARKSVILLE	DOUGLAS J. MARQUES, INC. HYD041427808 150 SKIDMORE ROAD SOUTH DEER PARK
NY 11716	NY 11716	NY 12041	NY 11729
DECORATIVE INDUSTRIES, INC. HYD045658333 ROUTE 17, P.O. BOX 138 SLOATSBURG	DEL LABORATORIES, INC. HYD001293166 565 BROADHOLLOW ROAD FARMINGDALE	DOVER ELECTRONIC COMPANY HYD981557796 BROOKE CORPORATE PARK, CARLIN ROAD CONKLIN	DOVER ELECTRONICS COMPANY HYD981557796 BROOKE CORPORATE PARK, CARLIN ROAD CONKLIN
NY 10974	NY 14225	NY 13795	NY 13748
DELAVAN INDUSTRIES, INC. HYD980559496 1728 WALDEN AVENUE CHEEKTOWAGA	DENNISON-MONARCH SYS. INC. HYD002406635 MACARTHUR AVENUE NEW WINDSOR	DOW CORNING CORP.-HUGUENOT SITE HYD001391200 15 BIG POND ROAD HUGUENOT	DRESSER RAND HYD002123644 P.O. BOX 560 OLEAN
NY 14225	NY 14225	NY 12746	NY 14760
DEPARTMENT OF PUBLIC WORKS HYD986932770 200 BOLIVAR ROAD WELLSVILLE	DEPT OF ARMY/US MILITARY ACADEMY HY8210020915 ATTN: HAEN-EV WEST POINT	DRESSER RAND COMPANY HYD002208379 100 CHEMUNG STREET PAINTED POST	DRESSER-RAND HYD063638670 37 COATS STREET WELLSVILLE
NY 14895	NY 14895	NY 14870	NY 14895



APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
DUNLOP TIRE CORP. HYD002111078 10 SHERIDAN DRIVE TOWANANDA	NY 14150	EASTMAN KODAK COMPANY - LAKE STATION HYD982279341 541 EDGEHURST DRIVE GREECE	NY 14612
DUPONT PHARMACEUTICALS, INC. HYD001315209 1000 STEVART AVENUE GARDEN CITY	NY 11530	EB METAL INDUSTRIES, INC. HYD001945039 POULTRNEY STREET, PO BOX 149 WHITEHALL	NY 12887
DUPONT PHOTOMASKS, INC. HYD991292079 592-594 SOUTH ROAD POUGHKEEPSIE	NY 12601	ELECTRO ALLOYS CORP HYD982274805 100 GRASSLANDS ROAD ELMSFORD	NY 14518
E.C. SUMEREAU & SONS HYD002056943 290 BROADWAY HUNTINGTON STATION	NY 11745	ELECTRONIC DEVICES INC HYD013415849 21 GRAY OAKS AVENUE YONKERS	NY 10710
E.I. DU PONT DE NEHOURS & CO. HYD002123503 BUFFALO AVENUE AND 26TH STREET NIAGARA FALLS	NY 14302	ELLIS HOSPITAL HYD066822784 1101 MOTT STREET SCHENECTADY	NY 12308
E.I. DU PONT DE NEHOURS & CO. INC. HYD045604964 69 SENECA AVENUE ROCHESTER	NY 14621	EMERSON POWER TRANSMISSION HYD002228625 620 SOUTH AURORA STREET ITHACA	NY 10532
EASTMAN KODAK CO., EQUIPMENT PROD. DEP HYD000705947 1001 LEE ROAD ROCHESTER	NY 14652	ENR OPERATIONS HYD982270043 1700 GATEWAY BLVD CANTON	NY 12534
EASTMAN KODAK COMPANY HYD000809335 20 AVENUE E ROCHESTER	NY 14653	ENVIROTEK HYD000791806 153 FILLMORE AVE TOWANANDA	NY 11706
EASTMAN KODAK COMPANY HYD980784680 343 STATE STREET ROCHESTER	NY 14650	EPNER TECHNOLOGY, INCORPORATED HYD982725962 KINGSLAND AVENUE BROOKLYN	NY 11222
DUNKORE CORP. HYD0000339176 ROUTE 6 BREWSTER	NY 10509	ELECTRONIC DEVICES INC HYD013415849 21 GRAY OAKS AVENUE YONKERS	NY 10591
DUPONT PHOTOMASKS, INC. HYD054011382 ROUTE 55, PAGE INDUSTRIAL PARK POUGHKEEPSIE	NY 12603	ELLAMIE MFG CORP. HYD079823688 25 AERON ROAD BOHEMIA	NY 11716
DURACELL INC HYD000692913 60 ELH STREET TARRYTOWN	NY 10591	ELMIRA LITHO INC HYD185487485 C STREET BUILDING J HORSEHEADS	NY 14845
E.H. TITCHEMER & CO. HYD002233757 P.O. BOX 1706 BINGHAMTON	NY 13902	EMERSON POWER TRANSMISSION HYD002228625 620 SOUTH AURORA STREET ITHACA	NY 14850
E.I. DU PONT DE NEHOURS & CO. HYD980536288 56TH STREET AND NIAGARA FALLS BLVD. NIAGARA FALLS	NY 14304	ENR OPERATIONS HYD982270043 1700 GATEWAY BLVD CANTON	NY 14707
E.I. DUPONT DE NEHOURS & CO. INC. HYD000632125 666 DRIVING PARK AVENUE ROCHESTER	NY 14613	ENTERMAN'S BAKERY HYD061966750 1724 FIFTH AVENUE BAY SHORE	NY 11706
EASTMAN KODAK COMPANY HYD000809337 901 ELMGROVE ROAD ROCHESTER	NY 14653	EPNER TECHNOLOGY INCORPORATED HYD0091581868 25 DIVISION PLACE BROOKLYN	NY 11222
EASTMAN KODAK COMPANY HYD980537112 100 CARLSON ROAD ROCHESTER	NY 14653	EPNER TECHNOLOGY, INCORPORATED HYD982725962 KINGSLAND AVENUE BROOKLYN	NY 11222
EASTMAN KODAK COMPANY - KODAK PARK HYD980592497 1669 LAKE AVENUE, BLDG. 320 ROCHESTER	NY 14652		

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
EQUIPMENT SALES INTERNATIONAL, INC. NYD013101720 3240 MONROE AVENUE ROCHESTER NY 14618		GENERATORS WITH ANNUAL REPORTS EXXON CO. U.S.A. #37849 NYD000898122 48 W. BROAD STREET MT. VERNON NY 10550	
EUTECTIC CORPORATION NYD0002028421 40-40 172ND STREET FLUSHING NY 11358		GENERATORS WITH ANNUAL REPORTS EXXON CO. U.S.A. #39867 NYD986890440 133 WALT WHITMAN ROAD S. HUNTINGTON NY 11746	
EXXON CO USA #37849 NYD986890192 48 W BROAD STREET MT VERNON NY 10552		EXXON CO. U.S.A. #37157 NYD986886422 2399 JERICHO TURNPIKE GARDEN CITY NY 10803	
EXXON CO. U.S.A. #30153 NYD986910230 205-04 NORTHERK BLVD. BAYSIDE NY 13161		EXXON CO. USE #3053 NYD000692079 49 RIVER ROAD NEV WINDSOR NY 11743	
EXXON CO. U.S.A. #30569 NYD986928661 3309 SUNRISE HIGHWAY 15LIP TERRACE NY 11752		F.M. BURT COMPANY, INC. NYD002109312 2345 WALDEN AVENUE CHEEKTOWAGE NY 11221	
EXXON CO. U.S.A. #31356 NYD982729915 186 VESTCHESTER AVENUE WHITE PLAINS NY 10601		FAIRCHILD SEMICONDUCTOR CORP. NYD049325616 91 ALL ANGELS HILL ROAD WAPPINGERS FALLS NY 12590	
EXXON CO. U.S.A. #31720 NYD986928687 4909 SUNRISE HIGHWAY BOHEMIA NY 11716		FAIRFIELD AMERICAN CORP. NYD982535783 100 NIAGARA STREET MIDDLEPORT NY 14105	
EXXON CO. U.S.A. #36714 NYD986887008 SYLVAN LAKE ROAD JOPEVELL JUNCTION NY 12533		FASHION TANNING COMPANY INC NYD000522474 6 VAN ROAD GLOVERSVILLE NY 14733	
EXXON CO. U.S.A. #37443 NYD986894608 248-30 SOUTH CONDUIT ROSEDALE NY 11422		FERRANTI-PACKARD TRANSFORMERS NYD980775076 3213 MIDDLE ROAD DUNKIRK NY 11729	
EQUIPMENT SALES INTERNATIONAL, INC. NYD002206944 100 PIXLEY INDUSTRIAL PARKWAY ROCHESTER NY 14624		FINGER LAKES PACKAGING, INC. NYD003926805 COLE ROAD LYONS NY 14469	
EVANS CHERETICS NYD002234763 228 E. MAIN STREET WATERLOO NY 13165		FINCH, PRUYN & CO., INC. NYD002081024 1 GLEN STREET GLENS FALLS NY 12801	
EXXON CO USA#3020 NYD063855746 320 FREEMAN STREET BROOKLYN NY 11222		FALCONER NYD002116499 500 SOUTH WORK STREET FALCONER NY 14733	
EXXON CO. U.S.A. #30464 NYD986906642 278 WEST MAIN STREET SMITHTOWN NY 11720		FALCONER GLASS IND. INC. NYD002116499 500 SOUTH WORK STREET FALCONER NY 14733	
EXXON CO. U.S.A. #31208 NYD00886861 HEATHCOTE ROAD & WEAVER STREET SCARSDALE NY 10583		FENLEY & NTCOL CO INC NYD980592570 445 BROOK AVE DEER PARK NY 11729	
EXXON CO. U.S.A. #31663 NYD024198186 2050 NEW HYDE PARK ROAD NEW HYDE PARK NY 11040		FINGER LAKES PACKAGING, INC. NYD003926805 COLE ROAD LYONS NY 14469	
EXXON CO. U.S.A. #32345 NYD013391495 1221 MAMORONECK AVENUE WHITE PLAINS NY 10605		FINGER LAKES PACKAGING, INC. NYD003926805 COLE ROAD LYONS NY 14469	
EXXON CO. U.S.A. #37124 NYD986894566 189-02 HILLSIDE AVENUE HOLLIS NY 11423		FINGER LAKES PACKAGING, INC. NYD003926805 COLE ROAD LYONS NY 14469	

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
11/26/91		11/26/91	
FISHER-PRICE - DIV. OF QUAKER OATS CO. NYD058656760 711 PARK AVENUE MEDIANA	NY 14103	G E AEROSPACE NYD002246114 901 BROAD ST UTICA	NY 13501
FISONS CORPORATION NYD002219756 755 JEFFERSON ROAD ROCHESTER	NY 14623	GARLOCK INC. NYD002210920 1666 DIVISION STREET PALMYRA	NY 14522
FLUORGLAS NYD000829580 25 JOHN STREET HOOSICK FALLS	NY 12090	GATX TERMINALS CORP. NYD074345315 500 WESTERN AVENUE STATEN ISLAND	NY 10303
FLUSHING DEPOT NYD980651152 370 JAY STREET BROOKLYN	NY 11201	GE AEROSPACE-HALTA TEST STATION NYD981559131 99 PLAINS ROAD BALLSTON SPA	NY 12020
FMC CORP - MIDDLEPORT NYD002126845 100 NIAGARA STREET MIDDLEPORT	NY 14105	GE PLASTICS - SELKIRK OPERATIONS NYD066832023 ONE MORYL AVE. SELKIRK	NY 12158
FORMER MARKETPLACE CHRYSLER-PLYMOUTH NYD981874134 3535 WEST HENRIETTA ROAD ROCHESTER	NY 14623	GENERAL ELECTRIC - MAIN PLANT NYD002084135 1 RIVER RD., BLDG. 41, RM. 111 SCHENECTADY	NY 12345
FREQUENCY ELECTRONICS, INC. NYD001321611 55 CHARLES LINDBERGH BLVD. MITCHEL FIELD	NY 11553	GENERAL ELECTRIC CO.-SILICONE PRODUCTS NYD002080034 260 HUDSON RIVER ROAD WATERFORD	NY 12188
FRONTIER CHEMICAL WASTE PROCESS, INC. NYD043815703 4626 ROYAL AVENUE NIAGARA FALLS	NY 14303	GENERAL ELECTRIC COMPANY NYD002084192 1 RIVER RD., 41-111 SCHENECTADY	NY 12345
FUJISAWA USA LYPHONED INC. NYD981138605 3159 STALEY ROAD GRAND ISLAND	NY 14072	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090
FISHER-PRICE - DIV. OF QUAKER OATS CO. NYD053589826 EDGEWOOD DRIVE HOLLAND	NY 14103	GENERAL ELECTRIC COMPANY NYD002080075 1 JOHN STREET HUDSON FALLS	NY 12839
FLEXO TRANSPARENT NYD002100568 28 WASSON ST BUFFALO	NY 14623	GENERAL ELECTRIC CO.-HOREAU LANDFILL NYD980648612 FORT EDWARD ROAD SOUTH GLENS FALLS	NY 12801
FLUORGLAS NYD004986741 14 MCCAFFREY STREET HOOSICK FALLS	NY 12090	GENERAL ELECTRIC COMPANY NYD002080075 1 JOHN STREET HUDSON FALLS	NY 12839
FK CIRCUITS CORP. NYD0047686837 152 11TH STREET BROOKLYN	NY 11201	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090
FORD MOTOR COMPANY- GREEN ISLAND PLANT NYD002077006 75 TIBBITTS AVENUE GREEN ISLAND	NY 12183	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090
FOSROC INC NYD052783396 55 SKYLINE DRIVE PLAINVIEW	NY 11803	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090
FRTZSCHE, DOODGE & OLCOTT NYD001328368 76 9TH AVENUE NEW YORK	NY 10011	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090
FT. DRUM HTV COGENERATION FACILITY NYD986884500 2ND STREET WEST & ONEIDA AVENUE FT. DRUM	NY 13602	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090
G E AEROSPACE NYD000521971 FRENCH RD. UTICA	NY 13503	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090
G E AEROSPACE NYD0002073781 29 102ND ST TROY	NY 12180	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090
GASSER & SONS INC. NYD001493774 440 MORELAND RD. COMMACK	NY 11725	GENERAL ELECTRIC COMPANY NYD002247377 FARRELL ROAD GEDDES	NY 13090

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
GENERAL ELECTRIC COMPANY - WAITE ROAD HYD986907434 810 EDGEWATER RD. CLIFTON PARK NY 12015	GENERAL ELECTRIC COMPANY - WAITE ROAD HYD071094197 RIVER ROAD & VAN ANTWERP ROAD SCHENECTADY NY 12301	GENESE & WYOMING RAILROAD CO. HYD0043075639 3546 RETSOF ROAD RETSOF NY 14539	GENESE SCRAP & TIN Baling CORP. HYD130743412 80 STEEL STREET ROCHESTER NY 14606
GENERAL GALVANIZING & SUPPLY CO HYD982730632 810 EDGEWATER RD. BRONX NY 10474	GENERAL GALVANIZING & SUPPLY CO HYD001230341 652 WHITTIER STREET BRONX NY 10474	GENESE VALLEY METAL FINISHING CO INC HYD002207520 244 VERONA ST ROCHESTER NY 14608	GENIE MANUFACTURING CORP. HYD986928141 56 PLOYER STREET ROCHESTER NY 14606
GENERAL INSTRUMENT CORPORATION HYD000348474 172 SPRUCE STREET WESTBURY NY 11590	GENERAL INSTRUMENT CORP. HYD002045466 600 W. JOHN STREET HICKSVILLE NY 11802	GENETT ROCHESTER NEWSPAPERS HYD039104799 55 EXCHANGE BLVD. ROCHESTER NY 14614	GEO. A. ROBINSON AND CO., INC. HYD002209567 477 WHITNEY ROAD EAST ROCHESTER NY 14445
GENERAL MOTORS - DELCO PRODUCTS HYD002215226 1555 LYELL AVE. ROCHESTER NY 14606	GENERAL MOTORS CORP. HYD0022127157 RIVER ROAD TOWAWANDA NY 14240	GEOMETRIC CIRCUITS INC. HYD082788126 11 MICHAEL AVE. FARMINGDALE NY 11735	GEORGE CAMPBELL PAINTING CORP. HYD982792368 31-40 COLLEGE POINT BLVD. FLUSHING NY 11354
GENERAL MOTORS CORP. HYD002215234 1000 LEXINGTON AVENUE ROCHESTER NY 14606	GENERAL MOTORS CORP. - MASSENA PLANT HYD012871489 ROOSEVELTOWN HIGHWAY, P.O. BOX 460 MASSENA NY 13662	GEORGIA-PACIFIC CORP. HYD054067756 17 FORESTER AVENUE WARHICK NY 10990	GIBALTAR STEEL CORPORATION HYD013726443 2555 WALDEN AVENUE BUFFALO NY 14225
GENERAL MOTORS CORP., C-P-C GROUP HYD002026565 199 BEEKMAN AVENUE NORTH TARRYTOWN NY 10591	GENERAL MOTORS CORP., MASSENA PLANT HYD986933505 P.O. BOX 460, ROOSEVELTOWN HIGHWAY MASSENA NY 13662	GLEASON WORKS HYD002205755 1000 UNIVERSITY AVENUE ROCHESTER NY 14603	GHC HARRISON DIV. - V. LOCKPORT COMPLE HYD002126852 200 UPPER MOUNTAIN ROAD LOCKPORT NY 14094
GENERAL MOTORS CORPORATION HYD000813436 500 LEE ROAD ROCHESTER NY 14606	GENERAL MOTORS-INLAND FISHER GUIDE DIV HYD002239440 1000 TOWN LINE ROAD SYRACUSE NY 13221	GHC HARRISON DIVISION HYD980592901 5707 UPPER MOUNTAIN ROAD LOCKPORT NY 14215	GHC HARRISON DIVISION HYD981877004 5500 WEST HENRIETTA ROAD WEST HENRIETTA NY 14094
GENERAL RAILWAY SIGNAL CO. HYD057939506 801 WEST AVENUE ROCHESTER NY 14692	GENERAL SCREW PRODUCTS CORP. HYD002206449 1190 BROOKS AVENUE ROCHESTER NY 14624	GHC SAGINAW-BUFFALO HYD002127165 1001 E DELAVAN AVENUE BUFFALO NY 14215	GHC-AC ROCHESTER - HENRIETTA ENGINEERI HYD981877004 5500 WEST HENRIETTA ROAD WEST HENRIETTA NY 14586
GENERAL SUPER PLATING CO., INC. HYD981182538 6606 JOY ROAD EAST SYRACUSE NY 13057	GENERAL SUPER PLATING-CELLI DRIVE HYD982721656 22 CELLI DRIVE EAST SYRACUSE NY 13057	GOLD BOND BUILDING PRODUCTS HYD986885259 1650 MILITARY ROAD BUFFALO NY 14217	GOTHAM INK & COLOR CO. HYD0001267780 5-19 47TH AVENUE LONG ISLAND CITY NY 11101

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91	GENERATORS WITH ANNUAL REPORTS	11/26/91	GENERATORS WITH ANNUAL REPORTS
GOUDY GENERATING STATION HYD000730358 RIVERSIDE DRIVE JOHNSON CITY	COULDS PUMPS INC., ENG. PROD. DIV. HYD0002225100 240 FALL STREET SENECA FALLS	GRUMMAN EROSPACE CORPORATION HYD0002047967 MAIL STOP 808-30 BETHPAGE	GULF OIL CO. HYD986899599 755 W. VILLAGE AVENUE ROCKVILLE CENTRE
NY 13790	NY 13148	NY 11714	NY 11570
GRAND CHROMIUM PLATING CORP. HYD981084569 209 MORGAN AVENUE BROOKLYN	GRAPHIC CONTROLS CORP HYD0002111896 189 VAN RENSSELAER STREET BUFFALO	H. HYMAN DRUM & BARREL HYD013732904 878-890 SOUTH DIVISION STREET BUFFALO	H.M. QUACKENBUSH INC. HYD002229326 220 PROSPECT STREET HERKIMER
NY 11237	NY 14240	NY 14210	NY 13350
GRAPHICS OF PECONIC INC. HYD065945495 300 PLEASURE DRIVE RIVERHEAD	GRAPHITE METALLIZING HYD001560879 1050 NEPPERIAN AVENUE YONKERS	HADCO CORPORATION HYD002241982 1160 TAYLOR ROAD ONEGO	HAMILTON COLLEGE HYD982272221 198 COLLEGE HILL RD CLINTON
NY 11901	NY 10703	NY 13827	NY 13323
GRATWICK RIVERSIDE PARK RIVER ROAD NORTH TONAWANDA	GRAY-SYRACUSE, INC. HYD002272080 901 EAST GENESEE ST. CHITTENANGO	HAMILTON COLLEGE HYD982272247 X CLINTON	HARDEN FURNITURE, INC. HYD002234003 MILL POND WAY HCONNELLSVILLE
NY 14120	NY 13037	NY 13323	NY 13401
GREAT LAKES CARBON CORP. (MAIN PLANT) HYD981141658 6200 NIAGARA FALLS BLVD. NIAGARA FALLS	GREAT LAKES CARBON CORPORATION HYD981141658 6200 NIAGARA FALLS BLVD. NIAGARA FALLS	HARDINGE BROTHERS, INC. HYD980646103 3575 UPPER OAKWOOD AVENUE HORSEHEADS	HARDWOOD HOUSE INC HYD002462224 569 LYEELL AVENUE ROCHESTER
NY 14304	NY 14302	NY 14845	NY 14506
GREEN BUS LINES, INC. HYD981562739 165-25 147TH AVENUE JAMAICA	GREENIDGE GENERATING STATION HYD013508916 ROUTE 14 ORESSEN	HAZELTINE CORP. HYD980773691 500 CONRACK ROAD CONRACK	HAZELTINE CORPORATION HYD002041242 CUBA HILL ROAD GREENLAWN
NY 11434	NY 14441	NY 11725	NY 11740
GREIF BROS. CORPORATION HYD002105849 4901 HYDE PARK BLVD. NIAGARA FALLS	GRIFFISS AIR FORCE BASE HY4571924451 416 CSG/DEY GRIFFISS AFB	HAZELTINE CORPORATION HYD002049765 1750 OLD COUNTRY ROAD RIVERHEAD	HAZELTINE CORPORATION HYD981556160 780 PARK AVENUE GREENLAWN
NY 14302	NY 13441	NY 11901	NY 11740
GRUMMAN AEROSPACE CORP. HYD096921358 280 CROSSWAYS PARK DRIVE WOODBURY	GRUMMAN AEROSPACE CORPORATION HYD0003995198 GRUMMAN BLVD. CALVERTON	HAZMAT ENV. GROUP, INC. HYD981491905 2321 KEMORE AVENUE BUFFALO	HAZMAT ENVIRONMENTAL GROUP, INC. HYD980641690 215 SOUTH MAIN STREET CORTLAND
NY 11797	NY 11933	NY 14218	NY 14207
GRUMMAN AEROSPACE CORPORATION HYD096924113 SUNRISE HIGHWAY GREAT RIVER	GRUMMAN AEROSPACE CORPORATION HYD981182249 NEW SOUTH ROAD, BUILDING 12 BETHPAGE	HEVI-DUTY ELECTRIC HYD980641690 215 SOUTH MAIN STREET CORTLAND	HEVI-DUTY ELECTRIC HYD980641690 215 SOUTH MAIN STREET CORTLAND
NY 11730	NY 11714	NY 10940	NY 13015

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
11/26/91		11/26/91	
HI-TEMP BRAZING, INC. NY0982539405 103-C OTIS STREET WEST BABYLON	NY 11704	IBM - CORP., THOMAS J. WATSON NY0982276917 ROUTE 134 NEW CASTLE	NY 10562
HISTACOURT CORP. NY0052780145 965 WALT WHITMAN ROAD MELVILLE	NY 11747	IBM CORP. - THOMAS J. WATSON NY0980653877 SAW MILL RIVER ROAD AT 100 C TARRYTOWN	NY 10591
HOMOGENEOUS METALS, INC. NY0046542684 2395 MAIN STREET CLAYVILLE	NY 13322	IBM STERLING FOREST NY0000632539 P.O. BOX 700 SUFFERN	NY 10901
HOKLAND HOOK MARINE TERMINAL NY0078174901 300 WESTERN AVENUE ADMINISTRATION BLDG STATEN ISLAND	NY 10303	INDIUM CORP. OF AMERICA NY0002227296 1676 LINCOLN AVE UTICA	NY 13502
HUDSON INTERNATIONAL CONDUCTORS NY0024630451 39 EDMUNDS LANE WALDEN	NY 12586	INDUSTRIAL DIAMOND LABS, INC. NY0042060178 528 TIFFANY STREET NEW YORK	NY 10474
HURT COUNTRY FURNITURE INC. NY0986905859 BOX 500 VEBATUCK RD. WINGDALE	NY 12594	INDUSTRIAL SERVICE CORPORATION NY0002221430 926 STOWELL STREET ELMIRA	NY 14901
HUSSMAN CORPORATION NY0002064087 140 E. STATE STREET GLOVERSVILLE	NY 12078	INFRA-STRUCTURES INC NY0986890234 171 ROODE DR BRENTWOOD	NY 11717
I.H.O. INDUSTRIES NY0117328229 FIELDS LANE CROTON FALLS	NY 10519	INSULATING MATERIALS, INC. NY0052987096 ONE CAMPBELL ROAD SCHENECTADY	NY 10962
I.N.W. INDUSTRIES INC. NY00001486968 35 MELVILLE PARK RD MELVILLE	NY 11747	INTERNATIONAL BUSINESS MACHINES NY0002233039 1701 NORTH STREET ENDICOTT	NY 10940
IBH NY0000707901 ROUTE 52 HOPEVELL JUNCTION	NY 12533	INTERNATIONAL BUSINESS MACHINES NY0986874501 ROUTE 17C EAST H/D 0574 DPT. 760 MEOGO	NY 11205
IBH NY0000707893 ROUTE 9 FISHKILL	NY 12524	INTERNATIONAL BUSINESS MACHINES NY0046157392 585 DEKALB AVE. BROOKLYN	NY 11205

APPENDIX 3-1 CONTINUED

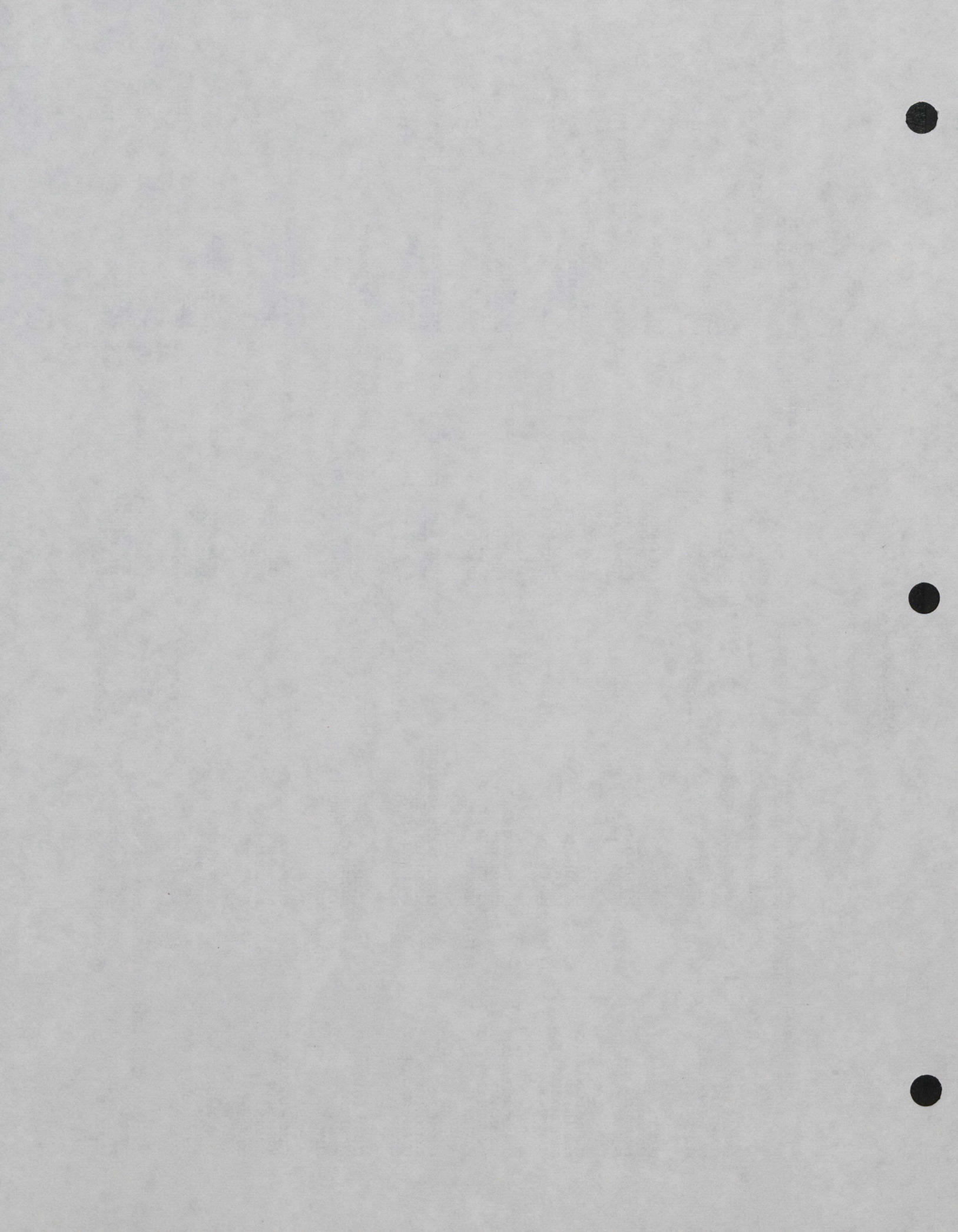
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
INTERNATIONAL BUSINESS MACHINES CORP. HYD000707943 MERRITT 8/952/982, SOUTH RAOO ASSOCIAT POUGHKEEPSIE NY 12602	INTERNATIONAL BUSINESS MACHINES CORP. HYD000799148 DUTCHESS COUNTY AIRPORT POUGHKEEPSIE NY 12590	KELLER TECHNOLOGY CORP. HYD002111615 2320 MILITARY RD. TOWANANDA NY 14150	KEMORE MERCY HOSPITAL HYD030228522 2950 ELMWOOD AVE. KEMORE NY 14217
INTERNATIONAL BUSINESS MACHINES CORP. HYD080480734 S SOUTH ROAD POUGHKEEPSIE NY 12602	INTERNATIONAL BUSINESS MACHINES CORP. HYD986894004 RT. 55 BLDG. 954 POUGHKEEPSIE NY 12603	KEUFFEL & ESSER CO./TACONIC PLANT HYD012891503 STATE HIGHWAY 22 MILLERTON NY 12546	KEYMARK CORPORATION HYD003959251 RTE. 334 FONDA NY 12068
INTERNATIONAL PAPER HYD000517151 92-94 STEWART AVENUE, P.O. BOX 1151 CORINTH NY 12822	INTERNATIONAL PAPER HYD046348348 LONG MEADOW ROAD TUXEDO NY 10987	KINGS ELECTRONICS CO., INC. HYD001325992 40 MARBLEDALE ROAD TUCKAHOE NY 10707	KIVORT STEEL INC HYD986904126 RT 7 WARNERVILLE NY 12187
INTERNATIONAL PAPER HYD002208403 294 GAMBEE ROAD GENEVA NY 14456	INTERSTATE LITHO CORP. HYD010028272 151 ALKIER STREET BRENTWOOD NY 11717	KNOLLS ATOMIC POWER LAB, KESSELRING S1 MY5890008993 350 ATOMIC PROJECT ROAD WEST MILTON NY 12020	KOLMAR LABORATORIES HYD001535103 KING STREET PORT JERVIS NY 12771
IRA D. CONKLIN & SONS, INC. HYD012928347 92-94 STEWART AVENUE, P.O. BOX 1151 NEWBURGH NY 12551	ITT HIGBIE BAYLOCK REF DIVISION HYD002215184 30 PIXLEY INDUSTRIAL PARKWAY ROCHESTER NY 14624	KOLMAR LABORATORIES HYD09080444 SKYLINE DRIVE PORT JERVIS NY 12771	KYTO DIAGNOSTICS INC. HYD056347206 216 CONGERS RD. NEW CITY NY 10956
IZUMI CORPORATION HYD097533236 COUNTY ROAD 101 YAPHANK NY 11980	J-HAR BEER DIST HYD982180564 18 ROOSEVELT AVE GLENS FALLS NY 12801	L D MCCAULEY INC HYD002114338 848 KENSINGTON AVENUE BUFFALO NY 14215	L&B PRODUCTS CORP. HYD002076073 99 SOUTH THIRD STREET HUDSON NY 12534
JAKECO INDUSTRIES HYD002415404 248 WYANDACH AVE. WYANDACH NY 11798	JAMES RIVER CORP HYD091897306 ONE RIVER ST SO GLENS FALLS NY 12803	LABELON CORP. HYD013440169 4339 ROUTE 21 NORTH CANANDAIGUA NY 14424	LANTHRET TERMINAL, INC. HYD980217194 715 SOUTH COLUMBUS AVENUE MOUNT VERNON NY 10553
JAMESTOWN ELECTRO PLATING WORKS INC. HYD002115152 105 WATER STREET JAMESTOWN NY 14701	JASCO SUN STEEL TREATING, INC. HYD021745179 820 TURK HILL ROAD FAIRPORT NY 14450	LAPP INSULATOR COMPANY HYD074034141 GILBERT ST. LEROY NY 14482	LARIBEE WIRE MFG. CO., INC. HYD055864011 29 HARDEN BOULEVARD CAMDEN NY 13316
KADDIS MFG. CORP. HYD002215127 1100 BEAMAN ROAD ROCHESTER NY 14624	KAWASAKI & NISSHO IMAI HYD982278160 44 WELLS AVENUE, BLDG. 9 YONKERS NY 10701	LARIBEE WIRE MFG. CO., INC. HYD085159408 24 N. BEAVER ST. JORDAN NY 13080	LAWRENCE AVIATION HYD002041531 SHEEP PASTURE ROAD PORT JEFFERSON STATION NY 11776

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91	GENERATORS WITH ANNUAL REPORTS	11/26/91	GENERATORS WITH ANNUAL REPORTS
MERCURY REFINING COMPANY HYD048148175 26 RAILROAD AVE. ALBANY	METAL CONTAINER CORPORATION HYD986870103 1000 BRUENIG ROAD NEW WINDSOR	MOBIL OIL BINGHAMTON TERMINAL HYD095572756 3301 OLD VESTAL ROAD VESTAL	MOBIL OIL BUFFALO TERMINAL HYD002107019 ONE BABCOCK STREET BUFFALO
NY 12205	NY 14623	NY 12553	NY 13805
METALADE INC., FINISHING DIV. HYD982530313 39 COMMERCE DRIVE ROCHESTER	METALIZED CARBON CORP HYD002001923 19 S. WATER STREET OSSINING	MOBIL OIL CORP. HYD986898641 965 HICKSVILLE RD. SEAFORD	MOBIL OIL CORP. HYD986902021 3225 ORCHARD PARK ROAD WEST SENCIA
NY 14623	NY 14623	NY 11783	NY 14127
METRICASE CORP. HYD010020410 60 ORVILLE DRIVE BOHEMIA	METRO CIRCUITS HYD067902551 205 LAGRANGE AVENUE ROCHESTER	MOBIL OIL CORP. HYD986906345 6829 WOODHAVEN BLVD. REGO PARK	MOBIL OIL CORP. MARINE TRANSPORTATION HYD981138258 4101 ARTHUR KILL RD. STATEN ISLAND
NY 11716	NY 11716	NY 11374	NY 10307
MEXICO MIL PLANT HYD980640841 ONTARIO STREET MEXICO	MEXICO MILK PLANT HYD980640841 ONTARIO ST MEXICO	MOBIL OIL CORPORATION HYD986903730 228-20 HERRICK RD. LAURELTON	MOBIL OIL CORPORATION HYD986927432 CARMEN & STEWART AVES. EAST HEADON
NY 13114	NY 13114	NY 14113	NY 11554
MICROWAVE POWER DEVICES HYD044470680 330 OCER AVE HAUPPAUGE	MILL-MAX CORP. HYD065939902 190 PINE HOLLOW ROAD OYSTER BAY	MOBIL OIL ELMHIRA TERMINAL HYD000707950 1575 GRAND CENTRAL AVENUE ELMHIRA	MOBIL OIL MT. VERNON HYD000707984 89 EDISON AVENUE MT. VERNON
NY 11788	NY 11788	NY 14901	NY 10550
MILLER BREWING CO - CONTAINER DIV HYD000809350 ROUTE S7 - GATE A FULTON	MILLER BREWING CO. CENTRAL NY BOTTLE C HYD088662754 RD 6, COUNTY HOUSE ROAD AUBURN	MOBIL OIL NEWBURGH TERMINAL HYD081904872 20 RIVER ROAD NEWBURGH	MOBIL OIL PLATTSBURGH TERMINAL HYD000708024 MARKET AND SAILLY AVENUE PLATTSBURGH
NY 13069	NY 13021	NY 12450	NY 12901
MILLIKEN GENERATING STATION HYD000730366 228 MILLIKEN ROAD LUDLOWVILLE	MILTORE CORP. HYD077508810 1770 WALT WHITHAM ROAD MELVILLE	MOBIL OIL PORT MOBIL TERMINAL HYD000824516 4100 ARTHUR KILL ROAD STATEN ISLAND	MOBIL OIL ROCHESTER TERMINAL HYD002219723 675 BROOKS AVENUE ROCHESTER
NY 14862	NY 11746	NY 10309	NY 14619
MITSU-PATRTECK CORPORATION HYD982189102 250 METRO PARK ROCHESTER	MOBIL CHEMICAL COMPANY HYD002220739 ROUTE 31 Macedon	MOBIL OIL SYRACUSE TERMINAL HYD000824524 502 SOLAR STREET SYRACUSE	MOBIL OIL UTICA TERMINAL HYD000708008 37 WURZ AVENUE UTICA
NY 14623	NY 14502	NY 13204	NY 13502
MOBIL CHEMICAL COMPANY HYD012854048 200 EAST MAIN STREET, P.O. BOX 799 Macedon	MOBIL OIL ALBANY TERMINAL HYD093248698 50 CHURCH STREET ALBANY	MOENCH TANNING COMPANY HYD002126910 265 PALMER STREET GOWANDA	MOHAWK FINISHING PRODUCTS, INC. HYD002079630 RT. 30 NORTH AMSTERDAM
NY 14502	NY 14502	NY 14070	NY 12010

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
LAWRENCE RIPAK COMPANY INC NYD064730294 400 PATTON AVENUE WEST BABYLON	NY 11704	LORAL ELECTRONIC SYSTEMS NYD050288349 RIDGE HILL YONKERS	NY 10710
LEARNAL NYD001325661 272 BUFFALO AVE. FREEPORT	NY 11520	LORAL ELECTRONICS SYSTEMS NYD000522532 1261 COMMERCE AVE BRONX	NY 10462
LEARNAL NYD98686208 151 ALBANY AVE. FREEPORT	NY 11520	LRC ELECTRONICS, INC. NYD002204543 901 SOUTH AVENUE, P.O. BOX 111 HORSEHEADS	NY 14845
LEDERLE LABORATORIES DIVISION NYD054065909 NORTH HIDDLETON ROAD PEARL RIVER	NY 10965	LUTHPOLD PHARMACEUTICALS, INC. NYD002033710 ONE LUITPOLD DRIVE SHIRLEY	NY 11967
LEICA INC. NYD002100295 EGGERT AND SUGAR ROADS BUFFALO	NY 14215	LUSTREPRINT CO. NYD083527820 622 NORTHUMBERLAND AVE. BUFFALO	NY 14215
LEIVITON MANUFACTURING CO., INC. NYD066075797 236 GREENPOINT AVENUE BROOKLYN	NY 11222	MAR INDUSTRIES, INC.-HARKIN TUBING DIV NYD002214484 PEARL CREEK ROAD WYOMING	NY 14591
LIBERTY INDUSTRIAL FINISHING NYD013563390 550 SUFFOLK AVENUE BRENTWOOD	NY 11717	MAGID CORPORATION NYD980647838 4 ALLWOOD AVENUE CENTRAL ISLIP	NY 11722
LIBERTY LEATHER NYP003600525 BURR RD GLOVERSVILLE	NY 12078	MATERIALS RESEARCH CORP. NYD001386077 542 ROUTE 303 ORANGETOWN	NY 10962
LIGHTNIN NYD059647412 135 MT. READ BLVD. ROCHESTER	NY 14611	MECHANICVILLE HYDRO FACILITY NYD981076813 ROUTE 4 & 32 HALFMOON	NY 12118
LILCO - LYNBROOK SUBSTATION NYD982269458 BROADWAY LYNBROOK	NY 11563	MARRIOTT IN-FLITE SERVICES JFK AIRPORT NYD986925253 JFK AIRPORT BUILDING 139 JAMAICA	NY 11430
LILCO - ROSLYN OPERATIONS CENTER NYD980648208 250 WILLIS AVENUE ROSLYN	NY 11576	MEERKE AVENUE TASK FORCE NYD982791675 MEEKER AVENUE BROOKLYN	NY 11222
LILCO - ROSLYN OPERATIONS CENTER NYD980648208 250 WILLIS AVENUE ROSLYN	NY 11576	MERCURY AIRCRAFT INC NYD002206639 17 WHEELER AVENUE HAMMONDSPORT	NY 14840
LILLY JAMESTOWN INC. NYD05050157 125 BLACKSTONE AVENUE JAMESTOWN	NY 14701	MEMORIAL SLOAN - KETTERING CANCER CENT NYD075265157 1275 YORK AVE. NEW YORK	NY 10021
LITTLEFALLS COLOR-PRINTS/CONVERTING CO NYD980500490 RIVERSIDE INDUSTRIAL PARK LITTLE FALLS	NY 13365		



APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
MONARCH CHEMICALS, INC. NYD013326483 37 MEADOW STREET UTTICA	NY 13503	NASHUA TAPE PRODUCTS NYD066829599 2600 7TH AVENUE WATERVLIET	NY 12189
MONARCH MACHINE TOOL CO. NYD002248235 641 NYS ROUTE 13, SOUTH CORTLAND	NY 13045	NATIONAL FUEL GAS SUPPLY NYD981177306 11413 ALLEGANY ROAD FORESTVILLE	NY 14062
MORROE COUNTY WATER AUTHORITY NYD986908325 ELMGROVE ROAD TANK GATES	NY 14610	NATIONAL MICRONETICS, INC. NYD000799189 71 SMITH AVENUE KINGSTON	NY 12401
MORROE COUNTY WATER AUTHORITY NYD986913366 LYELL ROAD PIPE BRIDGE ROCHESTER	NY 14606	NESS PRECISION PRODUCTS NYD990690216 677 BUFFALO ROAD ROCHESTER	NY 14611
MORROE PLATING DIV OF MCALPIN INDUSTRI NYD091662726 265 HOLLENBECK STREET ROCHESTER	NY 14621	NEW ENGLAND LAMINATES CO., INC. NYD044127355 3 ELM STREET WALDEN	NY 12586
MOOG CONTROLS INC NYD982337029 300 JAHISON RD E AURORA	NY 14052	NEW YORK AIR BRAKE, UNIT OF GEN. SIGMA NYD002232216 STARBUCK AVEINIE WATERTOWN	NY 13601
MOOG, INC. - PRONER AIRPORT NYD002103166 SENECA STREET EAST AURORA	NY 14052	NEW YORK CHIROPRACTIC COLLEGE NYD0038369864 RD#1 EAST BAYARD STATE ROUTE 89 SENECA FALLS	NY 13148
MORRILL PRESS NYD002229029 6 MORRILL PLACE FULTON	NY 13069	NEW YORK POWER AUTHORITY NYD000765073 EAST LAKE ROAD SCRIBA	NY 13093
MORRISON KNUDSEN CORPORATION NYD980758197 1 MORRISON KNUDSEN DRIVE HORHELL	NY 14843	NEW YORK POWER AUTHORITY NIAGARA PROJE NYD0030214738 5777 LEVISTON ROAD LEVISTON	NY 14092
MORRISON KNUDSEN CORPORATION NYD986876167 HORTON STREET HORHELL	NY 14843	NEW YORK STATE DEPT. OF TRANSPORTATION NYD986900983 BRUCKNER VIADUCT E 138 TH ST TO BARRET NYC	NY 10454
MOTOROLA INC. NYD980754758 611 JAHISON ROAD ELMA	NY 14059	NEW YORK STATE ELECTRIC & GAS CORP. NYD000729855 6655 LINCOLN AVENUE LOCKPORT	NY 14094
MULTIWIRE NYD980754758 250 MILLER PLACE HICKSVILLE	NY 11801	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730010 4425 OLD VESTAL ROAD BINGHAMTON	NY 13902
N. STORONSKI COOPERAGE CO., INC. NYD071079305 6 KRAFT ROAD CASTLETON	NY 12033	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730127 1THACA DRYDEN ROAD 1THACA	NY 14850
MORROE COUNTY WATER AUTHORITY NYD986908325 ELMGROVE ROAD TANK GATES	NY 14610	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730085 73-79 WRIGHT AVENUE AUBURN	NY 13021
MORROE COUNTY WATER AUTHORITY NYD986913366 LYELL ROAD PIPE BRIDGE ROCHESTER	NY 14606	NEW YORK STATE ELECTRIC & GAS CORP. NYD000729913 HILL STREET CHATHAM	NY 12037
MORROE PLATING DIV OF MCALPIN INDUSTRI NYD091662726 265 HOLLENBECK STREET ROCHESTER	NY 14621	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730127 1THACA DRYDEN ROAD 1THACA	NY 14850
MOOG CONTROLS INC NYD982337029 300 JAHISON RD E AURORA	NY 14052	NEW YORK STATE ELECTRIC & GAS CORP. NYD000729913 HILL STREET CHATHAM	NY 12037
MORRILL PRESS NYD002229029 6 MORRILL PLACE FULTON	NY 13069	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730085 73-79 WRIGHT AVENUE AUBURN	NY 13021
MORRISON KNUDSEN CORPORATION NYD980758197 1 MORRISON KNUDSEN DRIVE HORHELL	NY 14843	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730127 1THACA DRYDEN ROAD 1THACA	NY 14850
MORRISON KNUDSEN CORPORATION NYD986876167 HORTON STREET HORHELL	NY 14843	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730127 1THACA DRYDEN ROAD 1THACA	NY 14850
MOTOROLA INC. NYD980754758 611 JAHISON ROAD ELMA	NY 14059	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730127 1THACA DRYDEN ROAD 1THACA	NY 14850
MULTIWIRE NYD980754758 250 MILLER PLACE HICKSVILLE	NY 11801	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730127 1THACA DRYDEN ROAD 1THACA	NY 14850
N. STORONSKI COOPERAGE CO., INC. NYD071079305 6 KRAFT ROAD CASTLETON	NY 12033	NEW YORK STATE ELECTRIC & GAS CORP. NYD000730127 1THACA DRYDEN ROAD 1THACA	NY 14850

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
NEW YORK STATE ELECTRIC & GAS CORP. HYD000730184 INDUSTRIAL PARK ROAD ARLPORT	NEW YORK STATE ELECTRIC & GAS CORP. HYD000730234 HALE STREET NORWICH	HEXSDAY, INC. HYD052782497 235 PINELAWN ROAD MELVILLE	NIAGARA MOHAWK HYD000329532 HINMAN ROAD-LOCKPORT ROAD LOCKPORT
NY 14807	NY 13815	NY 11747	NY 14094
NEW YORK STATE ELECTRIC & GAS CORP. HYD013001904 COUNTRY CLUB ROAD ONEONTA	NEW YORK STATE ELECTRIC & GAS CORP. HYD045606548 ONE ELECTRIC PARKWAY HORSEHEADS	NIAGARA MOHAWK HYD000730382 7437 HENRY CLAY BOULEVARD LIVERPOOL	NIAGARA MOHAWK HYD000730390 93 DEWEY AVE BUFFALO
NY 13820	NY 14845	NY 13088	NY 14214
NEW YORK STATE ELECTRIC & GAS CORP. HYD05190255 480 BORDER CITY ROAD GENEVA	NEW YORK STATE ELECTRIC & GAS CORP. HYD074041153 150 ERIE STREET LANCASTER	NIAGARA MOHAWK HYD000730408 1125 BROADWAY - ALBANY SER STA ALBANY	NIAGARA MOHAWK HYD000730440 FIFTH AVENUE OSVEGO STA
NY 14456	NY 14086	NY 12204	NY 13126
NEW YORK STATE ELECTRIC & GAS CORP. HYD080460595 WIERK AVENUE LIBERTY	NEW YORK STATE ELECTRIC & GAS CORP. HYD080480817 ROUTE 10 WALTON	NIAGARA MOHAWK HYD000730457 ROUTE 144 ALBANY STEAM STA GLENSMONT	NIAGARA MOHAWK HYD003909686 POINT DRIVE WEST DUNKIRK
NY 12754	NY 13856	NY 12077	NY 14048
NEW YORK STATE ELECTRIC & GAS CORP. HYD980531370 MADISON AVENUE & JUDDSON STREET ELKHIRA	NEW YORK STATE ELECTRIC & GAS CORP. HYD980763700 R.D. #3, PERU ROAD, BOX 526A PLATTSBURGH	NIAGARA MOHAWK HYD980647952 BRIDGE STREET SYRACUSE	NY 13209
NY 13902	NY 12901	NY 14207	
NEW YORK STATE ELECTRIC & GAS CORP. HYD986875946 ROUTE 312 & ZIMMER ROAD BRENSTER	NEW YORK STATE ELECTRIC AND GAS CORP. HYD000729863 85 NORTH CENTRAL AVENUE MECHANICVILLE	NIAGARA MOHAWK HYD980778773 ROUTE 55 AMSTERDAM SUB STA AMSTERDAM	NY 12010
NY 10905	NY 12118	NY 12801	
NEW YORK TELEPHONE COMPANY HYD986896462 2 WORLD TRADE CENTER NEW YORK	NEW YORK UNIVERSITY HYD981566607 100 WASHINGTON SQUARE EAST NEW YORK	NIAGARA MOHAWK HYD980779037 ROUTE 30 MARSHVILLE SUB STA CANAJOHARIE	NY 13317
NY 10043	NY 10003	NY 13339	
NEW YORK UNIVERSITY DENTAL CENTER HYD986891588 345 EAST 24 STREET NEW YORK	NEW YORK UNIVERSITY DENTAL CTR. HYD986891588 345 EAST 24 STREET NEW YORK	NIAGARA MOHAWK HYD980782098 78 HAIGHT ROAD BARKER STA	NY 14012
NY 10016	NY 10016	NY 12853	
NEW YORK UNIVERSITY MEDICAL CENTER HYD000632489 560 FIRST AVENUE NEW YORK	NEW CUT, INC. HYD051583862 434 EAST UNION STREET NEWARK	NIAGARA MOHAWK HYD980782452 100 ELM STREET BUFFALO	NY 14203
NY 10016	NY 14513	NY 14048	

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		11/26/91	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
GENERATORS WITH ANNUAL REPORTS		11/26/91	GENERATORS WITH ANNUAL REPORTS	
NIAGARA MOHAWK HYD980782569 ROUTE 56 HAWAWA HAWAWA	NIAGARA MOHAWK HYD980782577 1720 NEW ROAD NIAGARA FALLS	NY 13647	NIAGARA MOHAWK HYD981486687 STATION 27 FARMERSVILLE	NIAGARA MOHAWK HYD982726093 SHEPHERD ISLAND SUB STA QUEENSBURY
NY 14150	NY 14303	NY 14060	NY 12801	
NIAGARA MOHAWK HYD980782627 JAMES STREET TONAWANDA	NIAGARA MOHAWK HYD980782775 MCBRIDE SUB STA SYRACUSE	NY 14150	NIAGARA MOHAWK HYD982726846 LEE STREET UTICA	NIAGARA MOHAWK HYD986898245 TELEGRAPH ROAD HIDDLEPORT
NY 12207	NY 13202	NY 13502	NY 14105	
NIAGARA MOHAWK HYD980783054 ERIE BOULEVARD ALBANY	NIAGARA MOHAWK HYD980783138 THOMPSON & SPRING ROADS DEWITT	NY 12207	NIAGARA MOHAWK HYD9800899443 KARAYEC ROAD EAST SYRACUSE	NIAGARA TANK & PUMP DIV, CA BATT CONST HYD013702410 262 CARLTON STREET BUFFALO
NY 14210	NY 13208	NY 13057	NY 14204	
NIAGARA MOHAWK HYD980783179 809 PERRY STREET STA 12 BUFFALO	NIAGARA MOHAWK HYD980783211 1926 SOUTH PARK STA 44 BUFFALO	NY 14210	NON-FERROUS PROCESSING CORP HYD048357453 551 STEWART AVE BROOKLYN	
NY 11222	NY 14226	NY 14092	NY 11222	
NIAGARA MOHAWK HYD980783377 RIVER ROAD STA 133 TONAWANDA	NIAGARA MOHAWK HYD980783468 596 BUSTI AVENUE BUFFALO	NY 14150	NORPLEX OAK HYD980646434 1 MECHANIC STREET - PLANT #1 PO BOX 12 HOOSICK FALLS	
NY 13041	NY 14592	NY 12047	NY 13163	
NIAGARA MOHAWK HYD980783575 HENRY CLAY BOULEVARD CLAY	NIAGARA MOHAWK HYD980783583 ROUTE 36 YORK STA YORK	NIAGARA MOHAWK HYD002055820 1 ALEXANDER PLACE GLEH COVE	NORTHEAST ENVIRONMENTAL SERVICES HYD057770109 CANAL ROAD WAMPYSVILLE	
NY 12305	NY 14224	NY 11542	NY 11696	
NIAGARA MOHAWK HYD980788160 734 BROADWAY SCHENECTADY	NIAGARA MOHAWK HYD980788293 OLD GARDENVILLE/JERKINGS ROAD GARDENVILLE	NORTH HILLS ELECTRONICS INC HYD002055820 1 ALEXANDER PLACE GLEH COVE	NORTHVILLE INDUSTRIES CORP. HYD986927754 500 BURNSIDE AVENUE IRWOOD	
NY 12306	NY 12303	NY 11520	NY 12189	
NIAGARA MOHAWK HYD980788533 NORTH MAIN STREET ROTT. STA ROTTERDAK	NIAGARA MOHAWK HYD981076664 BROKER ST CHRYSLER SUB STA SCHENECTADY	NORTHVILLE INDUSTRIES CORP. HYD986927747 2 JERICHO TURNPIKE MINEOLA	NORTON COMPANY HYD002083954 2600 TENTH AVENUE WATERVLIET	
NY 14210	NY 14305	NY 12832	NY 13815	
NIAGARA MOHAWK HYD981184856 60 ARCHER STREET BUFFALO	NIAGARA MOHAWK HYD981486574 LOCKPORT ROAD NIAGARA FALLS	NORTON COMPANY HYD052980893 ONE SEALANTS PARK GRANVILLE	NORWICH EATON PHARMACEUTICAL INC. HYD075825281 ROUTE 320 WOODS CORNERS NORWICH	

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
MORVICH EATON PHARMACEUTICALS, INC. HYD991304585 ROUTE 12 MORVICH NY 13815	NY 14012	NYC TRANSIT AUTHORITY-JAMAICA DEPOT HYD980642268 165-18 SOUTH ROAD JAMAICA NY 11433	NY 11214
MU-KOTE INTERNATIONAL INC. HYD000799254 1227 RIDGEWAY AVE. ROCHESTER NY 14615	NY 14615	NYC TRANSIT AUTHORITY-UNION PORT SHOP HYD981554595 UNION PORT SHOP BRONX NY 10401	NY 10595
MU-KOTE INTERNATIONAL INC. HYD055959498 NY STATE HIGHWAY ROUTE 31 MACEDON NY 14502	NY 12076	NYC DEPT OF TRANSPORTATION HYD982790644 207 GENESEE STREET UTICA NY 13501	NY 13501
NY TRANSIT AUTHORITY - QUEENS VILLAGE HYD980642243 QUEENS VILLAGE QUEENS NY 11201	NY 10039	NYC DEPARTMENT OF TRANSPORTATION HYD982790727 207 GENESEE ST. UTICA NY 13501	NY 13501
NY TRANSIT AUTHORITY-207TH STREET YAR HYD980646335 3961 10TH AVE NEW YORK NY 10034	NY 11232	NYC DEPT HEALTH-HADSWORTH CTR LABS & R HYD986885432 207 GENESEE ST. UTICA NY 13501	NY 12201
NY TRANSIT AUTHORITY-91ST ST SUBSTATI HYD982269573 CENTRAL PARK WEST & 91ST ST. NEW YORK NY 10025	NY 10034	NYC DEPT OF TRANSPORTATION HYD982790701 BIN 1000490 RTE 3 ARSENAL ST RT B1 WATERTOWN NY 13601	NY 14209
NY TRANSIT AUTHORITY-CASTLETON DEPOT HYD980642250 1390 CASTLETON AVE STATEN ISLAND NY 11429	NY 11222	NYC DEPT OF TRANSPORTATION HYD986913879 BIN 103071 19-81 SB OVER N SANDY CREE ADAMS NY 13601	NY 14215
NY TRANSIT AUTHORITY-EAST NY DEPOT HYD991290677 25 JAMAICA AVE. BROOKLYN NY 11207	NY 11201	NYC DEPT OF TRANSPORTATION HYD982797441 BIN 1022820 RTE 33 HARLEH RD CHEEKTOWAGA NY 14215	NY 13431
NY TRANSIT AUTHORITY-GUN HILL DEPOT HYD00851758 1910 BASTON AVE BRONX NY 11419	NY 10039	NYC DEPT OF TRANSPORTATION HYD986885929 BIN 1012150 RTE 394/CONRAIL POLAND NY 14215	NY 13605
NY TRANSIT AUTHORITY-HUDSON DEPOT HYD980642235 HUDSON DEPOT NEW YORK NY 10034	NY 10039	NYC DEPT OF TRANSPORTATION HYD982797458 BIN 1022831 RTE 33 ROSARY BLVD CHEEKTOWAGA NY 14215	NY 14215

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91	GENERATORS WITH ANNUAL REPORTS	11/26/91	GENERATORS WITH ANNUAL REPORTS
NYS DEPT OF TRANSPORTATION HYD98685838 BIN 1054629 CO RTE 64/RTE 17 HORSEHEADS	NYS DEPT OF TRANSPORTATION HYD986893105 BIN 6001320 RTE 5 OVER CATT CR CATTARAUGUS	NYS DOT HYD986906238 BIN 4418080 FORT ANN	NYS DOT HYD986906287 BIN 1004890 CHESTERTOWN
NY 14845	NY 14719	NY 99999	NY 99999
NYS DEPT OF TRANSPORTATION HYD986901452 BIN 1018069 MAINT YARD RT 110 MELVILLE	NYS DEPT OF TRANSPORTATION HYD986901478 BIN 1056369 RT 27 SUNRISE HWY SOUTHAMPTON	NYS DOT HYD986908663 BIN 1007050 SARATOGA SPRINGS	NYS DOT HYD986909703 BIN 1062850 ALBANY
NY 11746	NY 11788	NY 99999	NY 99999
NYS DEPT OF TRANSPORTATION HYD986904571 BIN 4051770 B MARCY	NYS DEPT OF TRANSPORTATION HYD986906774 BIN 1020740 RTE 29A E CANADA CR STRAITFORD	NYS DOT HYD986911378 BIN 5521180 CROWN POINT	NYS DOT HYD986911394 BIN 1095860 GLENS FALLS
NY 13403	NY 13470	NY 99999	NY 12803
NYS DEPT OF TRANSPORTATION HYD986913846 BIN 1032081 181 SB OVER RTE 178 ADAMS	NYS DEPT OF TRANSPORTATION HYD986904050 E BRANCH OHEGO CREEK RTE 79 RICHFORD	NYS DOT HYD986911865 BIN 1024720 SCHAGHTICOKE	NYS DOT HYD986913184 BIN 1092881 ALBANY
NY 13605	NY 13835	NY 99999	NY 99999
NYS DEPT OF TRANSPORTATION HYD986904076 RTE 96 OHEGO CREEK OHEGO	NYS DEPT OF TRANSPORTATION HYD982791394 RTE 17/RTE 14 HORSEHEADS	NYS DOT HYD986925329 BIN 1039840 GANSEVOORT	NYS DOT HYD986926954 1053680 BOLTON
NY 13827	NY 14845	NY 12831	NY 99999
NYS DEPT OF TRANSPORTATION HYD986884278 RTE 17/RTE 446 CUBA	NYS DEPT OF TRANSPORTATION REG 9 HYD986897643 BIN 101323182 RT 17 OVER CR 14 WINDSOR	NYS POWER AUTHORITY-INDIAN POINT 3 HYD002429355 ROUTE 9W ALBANY	NYS THRUWAY AUTHORITY HYD002429355 ROUTE 9W ALBANY
NY 14727	NY 13865	NY 10511	NY 12209
NYS DEPT TRANS. BIN1027450, RTE. 58 HYD986902252 R/A FINE	NYS DEPT. OF CORRECTIONS-GREAT MEADOW HYD080462757 P.O. BOX 51, RT. 22 CONSTOCK	NYS THRUWAY AUTHORITY HYD980534317 333 SOUTH BROADWAY TARRYTOWN	NYS THRUWAY AUTHORITY HYD980534325 1870 WALDEN AVENUE CHEEKTAVOGA
NY 13639	NY 12821	NY 10591	NY 14225
NYS DEPT. OF TRANSPORTATION HYD982790750 207 GENESEE ST. UTICA	NYS DEPT. OF TRANSPORTATION HYD986883502 207 GENESEE ST. UTICA	NYS THRUWAY AUTHORITY HYD982183485 ROUTE 303 WEST NYACK	NYS THRUWAY AUTHORITY HYD982183485 ROUTE 303 WEST NYACK
NY 13501	NY 13501	NY 13057	NY 10994
NYS DOT HYD982790693 BIN 4418040 WHITEHALL	NYS DOT HYD986904084 BIN 1092981 ALBANY	NYS THRUWAY AUTHORITY HYD98684153 THRUWAY BRIDGE MP 181.27 FULTONVILLE	NYS THRUWAY AUTHORITY HYD98684153 THRUWAY BRIDGE MP 181.27 FULTONVILLE
NY 99999	NY 99999	NY 14225	NY 12072

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
NYS THRUWAY AUTHORITY HYD986884161 THRUWAY BRIDGE MP 182.76 FULTONVILLE	NY 12072	NYS THRUWAY AUTHORITY HYD986890895 THRUWAY BRIDGE MP 31.78 RAMAPO	NY 10901
NYS THRUWAY AUTHORITY HYD986884187 THRUWAY BRIDGE MP 172.55 AMSTERDAM	NY 12010	NYS THRUWAY AUTHORITY HYD986890960 THRUWAY BRIDGE MP 253.06 VERONA	NY 13478
NYS THRUWAY AUTHORITY HYD986884203 THRUWAY BRIDGE MP 167.35 PATTERSONVILLE	NY 12137	NYS THRUWAY AUTHORITY HYD986890886 THRUWAY BRIDGE MP 250.90 VERONA	NY 13478
NYS THRUWAY AUTHORITY HYD986890663 THRUWAY BRIDGE MP 19.51 HYACK	NY 10960	NYS THRUWAY AUTHORITY HYD986891000 THRUWAY BRIDGE MP 247.86 WESTSHORELAND	NY 13490
NYS THRUWAY AUTHORITY HYD986890689 THRUWAY BRIDGE MP 11.31 TARRYTOWN	NY 10591	NYS THRUWAY AUTHORITY HYD986891026 THRUWAY BRIDGE MP 243.66 UTICA	NY 13503
NYS THRUWAY AUTHORITY HYD986890713 THRUWAY BRIDGE MP 52.83 NEWBURGH	NY 12550	NYS THRUWAY AUTHORITY HYD986891075 THRUWAY BRIDGE MP 237.33 UTICA	NY 13503
NYS THRUWAY AUTHORITY HYD986890747 THRUWAY BRIDGE MP 47.04 HARRIHAN	NY 10926	NYS THRUWAY AUTHORITY HYD986891091 THRUWAY BRIDGE MP 235.01 UTICA	NY 13503
NYS THRUWAY AUTHORITY HYD986890820 THRUWAY BRIDGE MP 38.60 SLOATSBURG	NY 10974	NYS THRUWAY AUTHORITY HYD986891117 THRUWAY BRIDGE MP 232.96 UTICA	NY 13503
NYS THRUWAY AUTHORITY HYD986890861 THRUWAY BRIDGE MP 34.03 SLOATSBURG	NY 10974	NYS THRUWAY AUTHORITY HYD986891141 THRUWAY BRIDGE MP 320. CLYDE	NY 14433
NYS THRUWAY AUTHORITY HYD986890846 THRUWAY BRIDGE MP 36.13 SLOATSBURG	NY 10974	NYS THRUWAY AUTHORITY HYD986891158 THRUWAY BRIDGE MP 307. PORT BYRON	NY 13160
NYS THRUWAY AUTHORITY HYD986890887 THRUWAY BRIDGE MP 31.79 RAMAPO	NY 10901	NYS THRUWAY AUTHORITY HYD986891083 THRUWAY BRIDGE MP 236.88 UTICA	NY 13503
NYS THRUWAY AUTHORITY HYD986890894 THRUWAY BRIDGE MP 248.50 WESTSHORELAND	NY 13490	NYS THRUWAY AUTHORITY HYD986891067 THRUWAY BRIDGE MP 238.09 UTICA	NY 13503
NYS THRUWAY AUTHORITY HYD986890978 THRUWAY BRIDGE MP 252.71 VERNON	NY 13478	NYS THRUWAY AUTHORITY HYD986891083 THRUWAY BRIDGE MP 236.88 UTICA	NY 13503
NYS THRUWAY AUTHORITY HYD986890944 THRUWAY BRIDGE MP 248.50 WESTSHORELAND	NY 13478	NYS THRUWAY AUTHORITY HYD986891109 THRUWAY BRIDGE MP 232.97 UTICA	NY 13503
NYS THRUWAY AUTHORITY HYD986890960 THRUWAY BRIDGE MP 253.06 VERONA	NY 12010	NYS THRUWAY AUTHORITY HYD986891133 THRUWAY BRIDGE MP 228.20 DEERFIELD	NY 13350
NYS THRUWAY AUTHORITY HYD986887016 THRUWAY BRIDGE M.P. 153.33 ROTTERDAM	NY 12303	NYS THRUWAY AUTHORITY HYD986891158 THRUWAY BRIDGE MP 307. PORT BYRON	NY 13160
NYS THRUWAY AUTHORITY HYD986890671 THRUWAY BRIDGE MP 12.33 TARRYTOWN	NY 10591		
NYS THRUWAY AUTHORITY HYD986890697 THRUWAY BRIDGE MP 54.37 NEWBURGH	NY 12550		
NYS THRUWAY AUTHORITY HYD986890739 THRUWAY BRIDGE MP 49.78 NEWBURGH	NY 12550		
NYS THRUWAY AUTHORITY HYD986890762 THRUWAY BRIDGE MP 45.13 HARRIHAN	NY 10926		
NYS THRUWAY AUTHORITY HYD986890846 THRUWAY BRIDGE MP 36.13 SLOATSBURG	NY 10974		
NYS THRUWAY AUTHORITY HYD986890887 THRUWAY BRIDGE MP 31.79 RAMAPO	NY 10901		

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

GENERATORS WITH ANNUAL REPORTS

GENERATORS WITH ANNUAL REPORTS

11/26/91

NYS THRUWAY AUTHORITY
HYD986891174
THRUWAY BRIDGE MP 24.62
SPRING VALLEY

NYS THRUWAY AUTHORITY
HYD986894228
BRIDGE AT H.P. 401.72
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986901270
BRIDGE AT H.P. 405.45
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986901296
BRIDGE AT H.P. 409.44
CHEEKTAHOGA

NY 14225

NY 14225

NYS THRUWAY AUTHORITY
HYD986894236
BRIDGE AT H.P. 402.68
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986894244
BRIDGE AT H.P. 378.56
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986901304
BRIDGE AT H.P. 411.60
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986906386
THRUWAY BRIDGE MP 253.52
VERONA

NY 14225

NY 13478

NYS THRUWAY AUTHORITY
HYD986897437
BRIDGE AT H.P. 391.76
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986897445
BRIDGE AT H.P. 380.57
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986906394
THRUWAY BRIDGE MP 255.40
VERONA

NYS THRUWAY AUTHORITY
HYD986906402
THRUWAY BRIDGE MP 256.78
ONEIDA

NY 14225

NY 13478

NYS THRUWAY AUTHORITY
HYD986898385
INTERCHANGE #26 MP 162.22
SCHENECTADY

NYS THRUWAY AUTHORITY
HYD986901163
BRIDGE AT H.P. 354.11
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986906410
THRUWAY BRIDGE MP 257.09
ONEIDA

NYS THRUWAY AUTHORITY
HYD986906436
THRUWAY BRIDGE MP 260.57
LENOX

NY 14225

NY 13032

NYS THRUWAY AUTHORITY
HYD986901171
BRIDGE AT H.P. 358.25
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986901189
BRIDGE AT H.P. 366.42
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986906444
THRUWAY BRIDGE MP 261.90
CANASTOTA

NYS THRUWAY AUTHORITY
HYD986906451
THRUWAY BRIDGE MP 262.01
CANASTOTA

NY 14225

NY 13032

NYS THRUWAY AUTHORITY
HYD986901197
BRIDGE AT H.P. 369.85
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986901205
BRIDGE AT H.P. 370.79
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986906493
THRUWAY BRIDGE MP 96.56
RUBY

NYS THRUWAY AUTHORITY
HYD986906519
THRUWAY BRIDGE MP 98.07
MT. MARION

NY 14225

NY 12456

NYS THRUWAY AUTHORITY
HYD986901213
BRIDGE AT H.P. 374-13
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986901221
BRIDGE AT H.P. 384.61
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986906527
THRUWAY BRIDGE MP 102.32
MALDEN-OR-HUDSON

NYS THRUWAY AUTHORITY
HYD986906535
THRUWAY BRIDGE 103.16
MALDEN-OR-HUDSON

NY 14225

NY 12453

NYS THRUWAY AUTHORITY
HYD986901239
BRIDGE AT H.P. 384.62
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986901247
BRIDGE AT H.P. 396.70
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986906543
THURWAY BRIDGE MP 105.34
WEST CAHP

NYS THRUWAY AUTHORITY
HYD986906568
THRUWAY BRIDGE MP 113.89
CATSKILL

NY 14225

NY 12414

NYS THRUWAY AUTHORITY
HYD986901254
BRIDGE AT H.P. 397.10
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986901262
BRIDGE AT H.P. 397.67
CHEEKTAHOGA

NYS THRUWAY AUTHORITY
HYD986906576
THRUWAY BRIDGE MP 104.04
WEST CAHP

NYS THRUWAY AUTHORITY
HYD986913689
THRUWAY BRIDGE MP 237.13
MARCY

NY 14225

NY 13403

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
11/26/91		11/26/91	
NYS THURWAY AUTHORITY HYD986913697 THURWAY BRIDGE HP 257.90 ONEIDA	NYS THURWAY AUTHORITY HYD986929339 BRIDGE AT H.P. NB.66 CHEEKTAHOGA	OCEANSIDE TERNIMAL HYD000692103 7 HAMPTON ROAD OCEANSIDE	OL MAIN PLANT HYD002229128 E. SENECA STREET SHERRILL
NY 13421	NY 14225	NY 14225	NY 11572
NYS THURWAY AUTHORITY HYD986901288 BRIDGE AT H.P. 407.27 CHEEKTAHOGA	NYSDEC SPILL SITE HYD000301093 SHORE ROAD PORT WASHINGTON	OLEAN ADVANCED PRODUCTS HYD063656128 1002 SENECA AVENUE OLEAN	OLIN CORPORATION HYD002123461 2400 BUFFALO AVE. NIAGARA FALLS
NY 14225	NY 14225	NY 14760	NY 14302
NYS DOT - LOCK 02 - FULTON HYD986913432 NYS DOT - LOCK 02 - CITY OF FULTON FULTON	NYS DOT BIN 1032031 HYD986930626 RTE 81 OVER S SANDY CREEK ELLISBURG	OLIN CORPORATION HYD002220804 100 MCKEE STREET ROCHESTER	ONEIDA LTD KNIFE PLANT HYD002245637 KERHOOD AVENUE ONEIDA
NY 13126	NY 13636	NY 14611	NY 13421
NYS DOT BIN 1032032 HYD986930618 RTE 81 OVER S SANDY CREEK ELLISBURG	NYS EG JENKINSON GENERATING STATION HYD000730473 ROUTE 7 BAINBRIDGE	ORANGE & ROCKLAND UTILITIES HYD000706127 SAMSONDALE AVENUE WEST HAVENSTRAM	ORANGE & ROCKLAND UTILITIES HYD000706135 ELM STREET, RT. 9W TOKKINS COVE
NY 13636	NY 13753	NY 10993	NY 10965
NYTEST ENVIRONMENTAL HYD982282055 60 SEAVIEW BLVD PORT WASHINGTON	O Z CEDNEY COMPANY HYD981567126 1101 ELTON STREET BROOKLYN	ORANGE & ROCKLAND UTILITIES HYD000706143 500 RT.208 MONROE	ORANGE & ROCKLAND UTILITIES HYD000706150 DOLSON AVENUE MIDDLETOWN
NY 11050	NY 11208	NY 10950	NY 10940
OAK-HITSUI, INC. HYD080460215 80 FIRST STREET HOOSICK FALLS	OCCIDENTAL CHEMICAL CORP. HYD000824482 4200 BUFFALO AVENUE NIAGARA FALLS	ORANGE & ROCKLAND UTILITIES HYD089754840 75 WEST ROUTE 59 SPRING VALLEY	ORANGE & ROCKLAND UTILITIES HYD980235428 FOURTH STREET HILLBURN
NY 12090	NY 14302	NY 10977	NY 10931
OCCIDENTAL CHEMICAL CORP. HYD000831644 HYDE PARK BLVD. NIAGARA	OCCIDENTAL CHEMICAL CORP. HYD002103216 5000 PACKARD ROAD NIAGARA FALLS	OSWEGO VALLEY LANDFILL HYD986896454 SILK ROAD VOLNEY	OW HUBBELL & SONS INC. HYD0008916504 100 MAIN ST. NY MILE 5
NY 14305	NY 14304	NY 13126	NY 13413
OCCIDENTAL CHEMICAL CORP. HYD002106938 WALCK ROAD NORTH TONAWANDA	OCCIDENTAL CHEMICAL CORP. HYD982743023 96TH ST. & COLVIN BLVD. NIAGARA FALLS	OWENS BROCKWAY (GLASS CONTAINER) HYD002208742 4 OWENS RD. BROCKPORT	OWENS-ILLINOIS GLASS CONTAINER, INC. HYD010761815 RD/5, GREAT BEAR RD. FULTON
NY 14120	NY 14304	NY 14420	NY 13069
OCCIDENTAL CHEMICAL CORP. DUREZ DIVISI HYD986885440 673 WALCK ROAD NORTH TONAWANDA	OCCIDENTAL CHEMICAL CORPORATION HYD083539759 2801 LONG ROAD GRAND ISLAND	PAGE AVJET HYD982728842 ALBANY COUNTY AIRPORT ALBANY	
NY 14120	NY 14072	NY 11416	NY 12211

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91		11/26/91	
GENERATORS WITH ANNUAL REPORTS		GENERATORS WITH ANNUAL REPORTS	
PAJCO PRODUCTS, INC. HYD980766642 2200 NORTHERN BLVD. EAST HILLS LOHVILLE	NY 13367	PFIZER INC. BROOKLYN PLANT HYD001374214 630 FLUSHING AVENUE BROOKLYN	NY 11206
PALL CORPORATION HYD980766642 2200 NORTHERN BLVD. EAST HILLS	NY 11548	PHILLIPS COMPONENTS HYD000233510 5083 KINGS HIGHWAY SAUGERTIES	NY 12477
PALL RAI, INC. HYD0003907318 225 MARCUS BLVD. HAUPPAUGE	NY 11788	PHILLIPS LIGHTING COMPANY HYD0002209989 RD/2 BATH.	NY 14810
PALMER AIRMOTIVE LTD HYD063651574 RD #2 WELLSVILLE WELLSVILLE	NY 14895	PHILLIPS DISPLAY COMPONENTS COMPANY HYD002246015 50 JOHNSTON STREET SENECA FALLS	NY 13148
PAPYRUS NEWTON FALLS, INC. HYD001469014 MAIN STREET, PO BOX 253 NEWTON FALLS	NY 13666	PHOTONICS CORP. HYD980765663 270 MOTOR PARKWAY HAUPPAUGE	NY 11788
PARKER HANNAFIFIN CORP HYD004175550 124 COLUMBIA STREET CYLDE	NY 14433	PIERCE & STEVENS CORP. HYD002108629 710 OHIO ST. BUFFALO	NY 14240
PASS & SEYHOUR HYD0002036564 45 SEA CLIFF AVE GLEN COVE	NY 11542	PLATTSBURGH AFB, NEW YORK HY4571924774 BUILDING 100 PLATTSBURGH	NY 12903
PEERLESS WINKSMITH INC. HYD002123552 172 EATON STREET SPRINGVILLE	NY 14141	POLLUTION ABATEMENT SERVICES HYD000511659 EAST SENECA STREET OSWEGO	NY 13126
PENK YAN MUNICIPAL UTILITIES BOARD HYD067910943 2 MAIDEN LAND PENK YAN	NY 14527	POLYTEX INDUSTRIAL FINISHES CORP. HYD0001303619 5-35 47TH AVE LONG ISLAND CITY	NY 11101
PFAUOLER U.S. INC. HYD0013126582 1000 WEST AVENUE ROCHESTER	NY 14692	PORT AUTHORITY OF NY & NJ HYD980534259 90 COLUMBIA STREET BROOKLYN	NY 11201
PAPAR CORP., COATED PRODUCTS DIV. HYD056303266 530 ROUTE 303 ORANGEBURG	NY 10962	PORT AUTHORITY OF NY/NJ HYD980648505 LAGUARDIA AIRPORT HGR. 7C FLUSHING	NY 11371
PARLEC INC. HYD981557598 101 PERINTON PARKWAY FAIRPORT	NY 10920	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PARK PHARMACEUTICAL INC. HYD982540809 75 BRENNER DR. CONGERS	NY 10920	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PAPYRUS NEWTON FALLS, INC. HYD001469014 MAIN STREET, PO BOX 253 NEWTON FALLS	NY 13666	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PARKER HANNAFIFIN CORP HYD004175550 124 COLUMBIA STREET CYLDE	NY 14433	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PASS & SEYHOUR HYD0002036564 45 SEA CLIFF AVE GLEN COVE	NY 11542	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PEERLESS WINKSMITH INC. HYD002123552 172 EATON STREET SPRINGVILLE	NY 14141	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PENK YAN MUNICIPAL UTILITIES BOARD HYD067910943 2 MAIDEN LAND PENK YAN	NY 14527	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PFAUOLER U.S. INC. HYD0013126582 1000 WEST AVENUE ROCHESTER	NY 14692	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PAPAR CORP., COATED PRODUCTS DIV. HYD056303266 530 ROUTE 303 ORANGEBURG	NY 10962	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PARLEC INC. HYD981557598 101 PERINTON PARKWAY FAIRPORT	NY 10920	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PARK PHARMACEUTICAL INC. HYD982540809 75 BRENNER DR. CONGERS	NY 10920	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PAPYRUS NEWTON FALLS, INC. HYD001469014 MAIN STREET, PO BOX 253 NEWTON FALLS	NY 13666	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PARKER HANNAFIFIN CORP HYD004175550 124 COLUMBIA STREET CYLDE	NY 14433	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PASS & SEYHOUR HYD0002036564 45 SEA CLIFF AVE GLEN COVE	NY 11542	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PEERLESS WINKSMITH INC. HYD002123552 172 EATON STREET SPRINGVILLE	NY 14141	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PENK YAN MUNICIPAL UTILITIES BOARD HYD067910943 2 MAIDEN LAND PENK YAN	NY 14527	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048
PFAUOLER U.S. INC. HYD0013126582 1000 WEST AVENUE ROCHESTER	NY 14692	PORT AUTHORITY OF NY & NJ HYD981077480 ONE WORLD TRADE CTR. ROOM B2-211 NEW YORK	NY 10048

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

11/26/91 GENERATORS WITH ANNUAL REPORTS

PORT AUTHORITY OF NY/NJ LINCOLN TUNNEL
HYD981483290
500 BOULEVARD EAST
NEW YORK NY 11371 NY 14216

POSTING EQUIPMENT CORPORATION
HYD002102317
752 MILITARY ROAD
BUFFAL NY 14216

POWEREX, INC.
HYD002231272
WEST GENESEE STREET
AUBURN NY 13021 NY 14207

PRATT & LAMBERT, INC.
HYD002113322
75 TONAWANDA ST.
BUFFALO NY 14304 NY 14831

PRESSWARE PLANT
HYD000824409
STUBEN STREET
CORNING NY 14304 NY 14831

PRECIOUS PLATE, INC.
HYD099333858
2124 LIBERTY DRIVE
NIAGARA FALLS NY 14304 NY 14831

PRESTOLITE ELECTRIC INCORPORATED
HYD982530347
400 MAIN STREET
ARCADE NY 14009 NY 11704

PRIDE SOLVENTS & CHEMICAL CO. INC.
HYD05722258
78-88 LAMAR STREET
WEST BABYLON NY 11704 NY 11704

PRODUCTION PRODUCTS CO.
HYD002968246
133 WEST SENECA ST.
HARLIUS NY 13104 NY 11735

PROTOTECH ELECTRONICS INC.
HYD982183543
176-15 CENTRAL AVE.
FARMINGDALE NY 11735 NY 11735

PURULATOR PRODUCTS CO.
HYD073675514
3 HIRACLE MILE
ELKHIRA NY 14903 NY 12866

QUAD/GRAPHICS INC
HYD981086903
100 DUPLAINVILLE RD
SARATOGA SPRINGS NY 14903 NY 12866

QUEENS PLATING COMPANY INC
HYD00123242
36-16 37 STREET
LONG ISLAND CITY NY 11101 NY 10940

QUICK ROLL LEAF HFG CO
HYD982273070
RD 2 BOX 50 SHITH ROAD
HIDDLETOWN NY 10940 NY 10940

R-A SPECIALTY CHEMICAL CO.
HYD001311471
812 E 43 ST.
BROOKLYN NY 11210 NY 13204

RADIAC RESEARCH CORP.
HYD049178296
261 KENT AVENUE
BROOKLYN NY 14580 NY 11211

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

11/26/91 GENERATORS WITH ANNUAL REPORTS

RANDOLPH MACHINERY OPERATIONS
HYD002127975
26 CENTER STREET
RANDOLPH NY 14772 NY 11201

RASKO CORPORATION
HYD106074370
1704 MCDONALD AVE
BROOKLYN NY 14772 NY 11201

RCA ROCKY POINT
HYD982530222
ROCKY POINT-HIDDLE ISLAND RD
ROCKY POINT NY 11778 NY 14021

RE CHAPIN MANUFACTURING WORKS
HYD002103612
700 ELLICOTT STREET
BATAVIA NY 11778 NY 14021

RECTICEL FOAM CORPORATION
HYD980778039
20 LENT AVENUE
LEROY NY 14150 NY 14482

REGAL POLY-PAK
HYD000818773
125 SPAGNOLI ROAD
MELVILLE NY 10550 NY 11747

RECHOLD CHEMICALS
HYD055054985
4201 GENESEE ST.
BUFFALO NY 14225 NY 13357

REHINGTON ARKS CO.
HYD002240638
CLARK STREET
ILLION NY 14225 NY 13357

REVERE COPPER PRODUCTS INC
HYD0071566127
SENECA STREET
ROME NY 12180 NY 13440

REYNOLDS METALS
HYD056308315
P.O. BOX 990-RD#2 BALLARD ROAD
HIDDLETOWN NY 10940 NY 10940

REYNOLDS METALS COMPANY
HYD002245967
SOUTH GRASSE RIVER ROAD
MASSENA NY 13662 NY 14649

ROCHESTER GAS & ELECTRIC
HYD980537203
1880 N. UNION STREET
SPENCERPORT NY 14649 NY 14649

ROCHESTER GAS & ELECTRIC CORP.
HYD000818781
755 BROOKS AVENUE
ROCHESTER NY 14619 NY 14649

ROCHESTER GAS & ELECTRIC CORP.
HYD006994040
EAST AVENUE
ROCHESTER NY 14649 NY 14649

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91	GENERATORS WITH ANNUAL REPORTS	11/26/91	GENERATORS WITH ANNUAL REPORTS
ROCHESTER GAS & ELECTRIC CORP. HYD043069996 254 MILL STREET ROCHESTER	NY 14614	SAFETY-KLEEN 2-110-01 HYD000708164 68 N. HARRISON AVENUE CONGERS	NY 10920
ROCHESTER GAS & ELECTRIC CORP. HYD980537187 700 JEFFERSON ROAD HENRIETTA	NY 14623	SAFETY-KLEEN 2-118-06 HYD980785760 58-05 52ND AVENUE WOODSIDE	NY 11377
ROCHESTER INSTITUTE OF TECHNOLOGY HYD002223642 ONE LOMB MEMORIAL DRIVE ROCHESTER	NY 14623	SAFETY-KLEEN 2-118-08 HYD000708198 80 SEABRO N. AMITYVILLE	NY 11726
ROHR CHEMICALS INC. HYD000764936 52-20 37TH STREET LONG ISLAND CITY	NY 11101	SAFETY-KLEEN 2-187-01 HYD000824581 FACTORY AND MITCHELL SYRACUSE	NY 11222
ROSWELL PARK MEMORIAL INSTITUTE NYSDOH HYD083534115 ELM & CARLTON STS. BUFFALO	NY 14263	SAFETY-KLEEN CORP 2-028-01 HYD981556541 41 N. GATES AVENUE LACKAWANNA	NY 14218
ROTH STEEL CORP. HYD982183840 700 ERIE BLVD., WEST SYRACUSE	NY 13204	SAFETY-KLEEN CORP 2-028-01 HYD981556541 41 N. GATES AVENUE LACKAWANNA	NY 14218
S&H INDUSTRIES HYD980778054 ORINOCO DRIVE BAY SHORE	NY 11706	SCHEMECTADY CHEMICALS, INC. HYD000818607 2750 BALLTOWN ROAD SCHEMECTADY	NY 12309
SAFETY-KLEEN 2-004-01 HYD000708206 72 SICKER ROAD LATHAM	NY 12110	SCHEMECTADY CHEMICALS, INC. HYD002070100 1302 CONGRESS STREET SCHEMECTADY	NY 12309
SAFETY-KLEEN 2-028-02 HYD980753784 1525 W. HENRIETTA ROAD AVON	NY 14414	SCHEMECTADY CHEMICALS, INC. HYD002070118 1000 MAIN STREET LOWER ROTTERDAM JUNCTION	NY 12150
ROCHESTER GAS & ELECTRIC CORP. HYD099328890 32 MAIN STREET FILLMORE	NY 14614	SCHEMECTADY CHEMICALS, INC. HYD002070118 1000 MAIN STREET LOWER ROTTERDAM JUNCTION	NY 12150
ROCHESTER GAS & ELECTRIC CORP. HYD982281933 84 ANDREWS STREET ROCHESTER	NY 14614	SCHWEIZER AIRCRAFT CORPORATION HYD002204436 1250 SCHWEIZER ROAD BIG FLATS	NY 14814
ROEHLER ENGRAVING HYD002210565 701 JEFFERSON ROAD ROCHESTER	NY 14623	SCOTT AVIATION DIV. OF ATO INC. HYD042569772 225 ERIE STREET LANCASTER	NY 14086
ROLLWAY BEARING DIV. HYD002228419 7600 MORGAN ROAD LIVERPOOL	NY 13090	SEALAND RESTORATION SITE HYD9803535181 PRAY RD LISBON	NY 13658
ROTH BROS. SMELTING CORP. HYD006977086 6223 THOMPSON ROAD EAST SYRACUSE	NY 13057	SEALAND RESTORATION SITE HYD002228773 314 SOUTH FIRST STREET FULTON	NY 13069
RUCO POLYMER CORPORATION HYD002920312 NEW SOUTH ROAD HICKSVILLE	NY 11802	SCOTT PAPER COMPANY HYD002066132 EDDY STREET FORT EDWARD	NY 12828
S&S INDUSTRIES INC. HYD052801990 385 GERARD AVENUE BRONX	NY 10451	SCOTT PAPER COMPANY HYD002066132 EDDY STREET FORT EDWARD	NY 12828
SAFETY-KLEEN 2-004-01 HYD986872869 17 GREEN MOUNTAIN DRIVE COHOES	NY 12047	SCOTT PAPER COMPANY HYD002066132 EDDY STREET FORT EDWARD	NY 12828
SAFETY-KLEEN 2-074-01 HYD000708156 RT. 34 NORTH RD #1 WAVERLY	NY 14892	SCOTT PAPER COMPANY HYD002066132 EDDY STREET FORT EDWARD	NY 12828

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

11/26/91 GENERATORS WITH ANNUAL REPORTS

SEKI-FILMS DIVISION-ELECTRO-FILMS, INC
HYD000694323
ROUTE 28
WEST HURLEY
NY 12491
SEMICA ARMY DEPOT
HY0213820830
RT. 96
ROMULUS
NY 14541
SENECA CRAFTSMEN, LTD.
HY059956219
175 ROCHESTER ST.
SALAMANCA
NY 14779
SHAW AERO DEVICES, INC.
HYD013518477
INDUSTRIAL RD.
EAST HAMPTON
NY 11937
SHELL OIL CO. BROOKLYN PLANT
HYD000632141
25 PAIDGE AVENUE
BROOKLYN
NY 11222
SHELL OIL COMPANY - INWOOD PLANT
HYD030271217
20 ROGER AVENUE
INWOOD
NY 11696
SHEPARD NILES INC.
HYD002206571
250 NORTH GENESEE STREET
MONTOUR FALLS
NY 14865
SHERWOOD DIV. OF HARSCO
HYD002104461
120 CHURCH ST.
LOCKPORT
NY 14095
SHOREWOOD PACKAGING CORP.
HYD010026391
55 ENGINEERS LAKE
FARMINGDALE
NY 11735
SKV ALLOYS, INC.
HYD000824599
3801 HIGHLAND AVENUE
NIAGARA FALLS
NY 11101
SIRPOS INC
HYD085203198
47-07 30TH PLACE LIC
LIC
NY 13021
SKY CORONA CORP.
HYD002246023
839 ROUTE 13 SOUTH
CORTLAND
NY 13045
SL AUBURN INC
HYD981133317
89 YORK ST
AUBURN
NY 13208
SOMERVILLE PACKAGING
HYD981877020
3750 MONROE AVE.
ROCHESTER
NY 14534
SOLVENTS & PETROLEUM SERVICE, INC.
HYD013277454
1405 BREWERTON ROAD
SYRACUSE
NY 13208
SOUTHCO, INC.
HYD002209013
250 EAST STREET
HONEYE FALLS
NY 14472
SPALDING SPORTS WORLDWIDE
HYD982720914
CORPORATE DRIVE, CROSSROADS IND. PARK
GLOVERSVILLE
NY 12078

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

11/26/91 GENERATORS WITH ANNUAL REPORTS

SPALDING COMPOSITES CO., INC.
HYD002104404
310 WHEELER STREET
TOWANANDA
NY 14151
SPECIALIZED PRINTED FORMS INC.
HYD002215838
352 CENTER STREET
CALEDONIA
NY 14423
ST. LUKE'S MEMORIAL HOSPITAL
HYD053724027
CHAMPLIN AVENUE
NEW HARTFORD
NY 13413
STANDARD MOTOR PRODUCTS, INC.
HYD001315266
37-18 NORTHERN BLVD.
LONG ISLAND CITY
NY 11101
STAR EXPANSION COMPANY
HYD001223338
RTE 32
MOUNTAINVILLE
NY 10953
STATE OF UNIVERSITY AT PLATTSBURGH
HYD000883363
BEEKMAN STREET
PLATTSBURGH
NY 12901
STATE UNIVERSITY OF NEW YORK AT ALBANY
HYD073129793
1400 WASHINGTON AVENUE, CHEMISTRY B15
ALBANY
NY 12222
STATE UNIVERSITY OF NEW YORK AT BUFFAL
HYD071475867
302 MICHAEL HALL, 3435 MAIN ST.
BUFFALO
NY 14214
STATE UNIVERSITY OF NY - STONY BROOK
HYD040464315
NICOLLS ROAD
STONY BROOK
NY 11794
STAUB TEXTILE SERVICES, INC.
HYD013140066
951 EAST MAIN STREET
ROCHESTER
NY 14605
STAUFFER MANAGEMENT CO. NOVAK FARM SIT
HYD981873854
PIKE ROAD (NOVAK FARM SITE)
MCDONOUGH
NY 13801

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91	GENERATORS WITH ANNUAL REPORTS	11/26/91	GENERATORS WITH ANNUAL REPORTS
STERLING DRUG INC. NYD000765107 81 COLUMBIA TURNPIKE RENSSELAER	STERLING ORGANICS NYD083626077 33 RIVERSIDE AVENUE RENSSELAER	SUNHYDALE CORPORATION NYD986910719 418 SOLAR STREET SYRACUSE	SUNY @ PLATTSBURGH NYD060546181 BROAD ST., MACDONOUGH HALL PLATTSBURGH
STEVENS PAINT/INSL-X PRODUCTS NYD001389261 115 WOODMORTH AVENUE YONKERS	STEWART-STAMPING CORPORATION NYD085502243 630 CENTRAL PARK AVENUE YONKERS	SUNY COLLEGE-AGRIC. & TECH AT COBLESKI NYD980592729 SUNY COLLEGE-AGRIC & TECH AT COBLESKIL COBLESKILL	SUNY HEALTH SCIENCE NYD063053656 750 EASET ADAMS STREET SYRACUSE
STIMPSON COMPANY INC. NYD052780392 900 SYLVAN AVENUE BAYPORT	STONE CONSTRUCTION EQUIPMENT INC NYD045605888 32 E MAIN ST HONEOYE	SUPREME EQUIPMENT AND SYSTEMS CORP. NYD991290453 4901 FIRST AVENUE BROOKLYN	SURFACE FINISH TECH INC. NYD002223287 215 JUDSON STREET ELMHRA
STONE POINT TECHNICAL PARK NYD986893931 25 KAYRIES DRIVE STONY POINT	STRATHMORE PRODUCTS, INC. NYD002228690 BURR DRIVE LIVERPOOL	SWINGLINE INC. NYD0001519339 32-00 SKILLMAN AVE LONG ISLAND CITY	SWINGLINE INC. NYD981082209 45-20 33RD STREET LONG ISLAND CITY
STRATUS PETROLEUM CORP. NYD000706184 1 OSGOOD AVENUE GREER ISLAND	STRIPPIT INC NYD002118156 12975 CLARENCE CTR RD AKRON	SYRACUSE CHINA CORPORATION NYD055865125 2900 COURT STREET SYRACUSE	SYRACUSE UNIV STREAM STR C/O ENV HLTH NYD982271918 108 COLLEGE PLACE SYRACUSE
SU - COHART NYD982274581 108 COLLEGE PLACE SYRACUSE	SU - CTR. SCIENCE & TECHNOLOGY NYD982740185 108 COLLEGE PLACE SYRACUSE	SYRACUSE UNIV.-ISR C/O ENV HEALTH OFFI NYD982274565 108 COLLEGE PLACE SYRACUSE	SYRACUSE UNIVERSITY-SCHINE STUDENT CTR NYD155934953 108 COLLEGE PLACE SYRACUSE
SU - HENRY HEALTH CTR. NYD986896694 108 COLLEGE PLACE SYRACUSE	SU - NEWHOUSE I & II NYD982274599 108 COLLEGE PLACE SYRACUSE	SYRACO, INC. NYD002234904 RT. 48, STATE FAIR BLVD. BALDWINSVILLE	TAM CERAMICS INC. NYD097649016 4511 HYDE PARK BLVD. NIAGARA FALLS
SU - PHYSICAL PLANT NYD982540429 108 COLLEGE PLACE SYRACUSE	SU - QUAD NYD000799239 108 COLLEGE PLACE SYRACUSE	TAMPELLA SANDY HILL INC. NYD002075802 27 ALLEN STREET HUDSON FALLS	TARKETT, INC. NYD0041770629 RT. 94 BOX 128 VAILS GATE
SUFFOLK METAL FINISHING INC. NYD065946535 627 COATES AVENUE HOLBROOK	SUN REFINING & MARKETING CO. NYD982792749 3624 HAMPTON ROAD OCEANSIDE	TBC PACKAGING CORP. NYD002129229 75 ISABELLE STREET BUFFALO	TEL-TRU MANUFACTURING CO. NYD980783773 392 ST. PAUL ST. ROCHESTER

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91	GENERATORS WITH ANNUAL REPORTS	11/26/91	GENERATORS WITH ANNUAL REPORTS
TELEDYNE HYDRA-POWER HYD001650209 310 MAIN STREET NEW ROCHELLE	TELEDYNE HYDRA-POWER HYD075436394 10-12 PINE COURT NEW ROCHELLE	NY 10801	NY 10801
TELESCOPE CASUAL FURNITURE INC HYD002076255 85 CHURCH STREET POB 299 GRANVILLE	TELESECTOR RESOURCES GROUP, INC. HYD049155567 135-02 SPRINGFIELD BLVD. SPRINGFIELD	NY 12832	NY 11413
TELESECTOR RESOURCES GROUP, INC. HYD980755052 320 THOMPSON ROAD EAST SYRACUSE	TEMPO INSTRUMENT INC. HYD097525844 87 MODULAR AVE. CORTLAND	NY 13057	NY 11725
TENNESSEE GAS PIPELINE CO 241 HYD043827583 RD 1, 3447 SENTINEL HEIGHTS ROAD LAFAYETTE	TENNESSEE GAS PIPELINE CO. HYD000829564 7586 EAST EDEK ROAD EDEN	NY 13084	NY 14057
TENNESSEE GAS PIPELINE CO. # 237 HYD057937369 RD 2, BOX 225, 2041 ARCHER ROAD CLIFTON SPRINGS	TENNESSEE GAS PIPELINE CO. 224 HYD000767731 PO BOX 338, RAVLIN HILL ROAD CLYMER	NY 14432	NY 14724
TENNESSEE GAS PIPELINE CO. STATION 233 HYD986886984 DOM ROAD PIFFARD	TENNESSEE GAS PIPELINE COMPANY HYD000767749 TENNESSEE ROAD - P.O. BOX 57 WEST WINFIELD	NY 14433	NY 13491
TENNESSEE GAS PIPELINE COMPANY HYD000767756 U.S. ROUTE 20 EAST - P.O. BOX D CARLISLE	TENNESSEE GAS PIPELINE COMPANY HYD000767764 HIGHWAY 66 SOUTH - P.O. BOX 369 MASSAU	NY 12031	NY 12123
TEXACO INC. - TEXACO RESEARCH CTR BEAC HYD091894899 OLD GLENHAM ROAD GLENHAM	TEXACO SERVICE STATION HYD982792871 8225 JERICHO TURNPIKE WOODBURY	NY 12527	NY 11797
TEXACO SERVICE STATION HYD982792897 HEMPSTEAD TURNPIKE AND AVIS EAST HEADON	TEXACO SERVICE STATION HYD045662921 1000 LOWER SOUTH STREET PEEKSKILL	NY 11554	NY 11762
	THE MDL ORGANIZATION, INC. HYD045662921 1000 LOWER SOUTH STREET PEEKSKILL		NY 10566
	THE PORT AUTHORITY OF NY + NJ HYD981184906 LINCOLN TUNNEL 500 BOULEVARD EAST NEW YORK		NY 10048
	THE HEARL CORPORATION HYD982719122 1057 LOWER SOUTH STREET PEEKSKILL		NY 10566
	THE GUNLOCKE COMPANY HYD002206399 ONE GUNLOCKE DRIVE WAYLAND		NY 14572
	THE GENERAL CRUSHED STONE COMPANY JAHE HYD981568249 4800 JAMESVILLE ROAD JAMESVILLE		NY 13078
	THE GENERAL CRUSHED STONE COMPANY GENE HYD045611027 PRE - ERIPTION ROAD OAKS CORNERS		NY 14518
	THE GENERAL CRUSHED STONE COMPANY HYD055274021 BLACK RIVER ROAD WATERTOWN		NY 13601
	THE COLAD GROUP, INC. HYD002101194 701 SENECA STREET BUFFALO		NY 14302
	THE CARBORUNDUM COMPANY HYD0042567297 2050 CORY ROAD SARIBORN		NY 14304
	THE CARBORUNDUM COMPANY HYD000688911 6600 WALMORE ROAD NIAGARA FALLS		NY 14304
	THE CARBORUNDUM COMPANY HYD981138647 1625 BUFFALO AVENUE NIAGARA FALLS		NY 14302
	THE COLUMBIA CORPORATION HYD002063147 RTE 295 CHATHAM		NY 12037
	THE GENERAL CRUSHED STONE COMPANY GENE HYD045611027 PRE - ERIPTION ROAD OAKS CORNERS		NY 14518
	THE GENESEE HOSPITAL HYD059644484 224 ALEXANDER STREET ROCHESTER		NY 14607
	THE HEARL CORPORATION HYD046341400 16 WHITE ST. BUCHANAN		NY 10511

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES		NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	
11/26/91	GENERATORS WITH ANNUAL REPORTS	11/26/91	GENERATORS WITH ANNUAL REPORTS
THE ROCKEFELLER UNIVERSITY NYD071037113 1230 YORK AVENUE NEW YORK	THE SARATOGA HOSPITAL NYD060523602 211 CHURCH STREET SARATOGA SPRINGS	ULANO CORPORATION NYD091576538 280 BERGEN STREET BROOKLYN	ULLMAN COMPANY INC. NYD001317320 250 KENNEDY DRIVE HAUPPAUGE.
NY 10021	NY 14850	NY 12866	NY 11217
NY 14850	NY 14626	NY 14606	NY 10591
THERM INC. NYD002228542 HUDSON ST. EXT. ITHACA	THRU-WAY AUTO SPRING SERVICE, INC. NYD986911071 1577-1609 HT. READ BLVD. ROCHESTER	UNION CARBIDE CHEM. & PLASTICS CO., IN. NYD002721004 P. O. BOX 65, ROUTE 100C TARRYTOWN	UNION CARBIDE IND. CASES INC. LINDE CH NYD002123792 175 EAST PARK DRIVE TONAWANDA
NY 14626	NY 14626	NY 14217	NY 14151
TIRE WORLD NYD986903219 2318 RIDGE ROAD WEST GREECE	TONAWANDA TANK TRANSPORT NYD097644801 1140 MILITARY RD BUFFALO	UNION CARBIDE INDUSTRIAL CASES, INC. NYD980526875 LIHDE DIVISION, 4501 ROYAL AVE., P.O. NIAGARA FALLS	UNION FORK & HOE - SUDAKOH LANDFILL NYD986906360 217 WILLIAM STREET FRANKFORD
NY 14626	NY 13148	NY 14626	NY 13340
TOSHIBA DISPLAY DEVICES, INC. NYD981484785 WESTINGHOUSE CIRCLE HORSEHEADS	TOWN OF GREECE NYD982798233 1150 NORTH GREECE ROAD GREECE	UNION FORK AND HOE COMPANY NYD002245678 253 EAST MAIN STREET FRANKFORD	UNISYS CORP. NYD075796037 MARCUS AVE. GREAT NECK
NY 14626	NY 14626	NY 14626	NY 11020
TOWN OF TONAWANDA WATER TREATMENT PLAN NYD147902555 SHERIDAN DR. & RIVER ROAD TONAWANDA,	TRANS WORLD AIRLINES, INC. NYD041554577 HANGAR #12 JFK INT'L AIRPORT JAMAICA	UNITED PRECIOUS METAL INC. NYD982536807 2781 TOWN LINE ROAD ALDEN	UNITED STATES MILITARY NY5690319889 SUPPORT CTR-BLDG 902 HAZ WASTE OFFICE-GOVERNORS ISLAND
NY 14150	NY 14150	NY 14004	NY 10004
TRICO PRODUCTS CORPORATION NYD000813386 2495 MAIN STREET BUFFALO	TRICO PRODUCTS CORPORATION NYD002107399 817 WASHINGTON STREET BUFFALO	UNITED TECHNOLOGIES - CARYLE COMPRESSO NYD000668796 6500 CHRYSLER DRIVE SYRACUSE	UNIVERSITY OF ROCHESTER MEDICAL CENTE NYD000631994 601 ELMWOOD AVENUE, ROOM G-5750 ROCHESTER
NY 14203	NY 14203	NY 13221	NY 14642
TRIKITY CHURCH NYD986885564 101 6TH AVENUE NEW YORK	TRIPLE CITIES METAL FINISHING CORP. NYD002226041 4 NOKLAN ROAD BINGHAMTON	UNIVERSITY OF ROCHESTER RIVER CAHPUS NYD041294109 209 WILSON BOULEVARD ADMINISTRATION BL ROCHESTER	UOP NYD982721680 175 EAST PARK DRIVE, P.O BOX 44 TONAWANDA
NY 10013	NY 13901	NY 14627	NY 14151
U.S. ELECTROPLATING CORPORATION NYD068014711 100 FIELD ST. BABYLON	U.S. POSTAL SERVICE NYD982797987 FORBELL STREET BROOKLYN	UPSTATE METALS CORP. NYD986887495 RR 5 BOX 600 CANASTOTA	US DOE - KNOLLS ATOMIC POWER LAB NY6890008992 RIVER ROAD MISKAYUNA
NY 11704	NY 11208	NY 13032	NY 12309
U.S. CHROME CORP. OF N.Y. NYD990774200 31 SWAN STREET BATAVIA	ULANO CORPORATION NYD001725878 601 BERGEN STREET BROOKLYN	US-NEB INC. NYD157709692 45 EDISON AVENUE WEST BABYLON	USEPA REGION C/O CLAREHOUT POLYCHENICA NYP000791244 501 WINDING ROAD OLD RETHPAGE
NY 14020	NY 11238	NY 11704	NY 11804

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES
11/26/91 USY PHARMACEUTICAL CORP HYD002028652 1 SCARSDALE RD TUCKAHOE	11/26/91 GENERATORS WITH ANNUAL REPORTS VICTORY SPECIALTY PACKAGING, INC. HYD0101279529 GATES AVENUE AND PINE STREET, VICTORY HILLS
UTICA CORPORATION HYD053719894 MOHAWK STREET WHITESBORO	UTICA COLLEGE OF SYRACUSE UNIVERSITY HYD071602064 1600 BURRSTONE RD. UTICA
UTICA METAL PRODUCTS, INC. HYD002249613 1526 LINCOLN AVENUE UTICA	UTICA CORPORATION HYD075814202 HALSEY ROAD WHITESBORO
VAC AIR ALLOYS DIV OF SG KEYWELL CO. I HYD041848334 P.O.-BOX 650, FALCONER ROAD FRENSBURG	UTILITY MANUFACTURING COMPANY HYD057731653 710-712 MAIN ST. WESTBURY
VALED ENGINE COOLING, INC. HYD001929611 1111 ALLEN ST. JAHSTOWN	VAL-KRO, INC. HYD980534275 369 RIVER ROAD NORTH TONAWANDA
VAN DER HORST #1 HYD000791871 314 PENN AVENUE OLEAN	VAN DER HORST PLANT NO.2 HYD000791889 FRANKLIN AND CONNELL STREETS OLEAN
VANGUARD CORP. HYD002414753 10 JAVA ST. BROOKLYN	VANDEMARK CHEMICAL CO., INC. HYD002116192 1 NORTH TRANSIT ROAD LOCKPORT
VAN OF AMERICA, INC. HYD002090991 ROUTE 209 ELLENVILLE	VASSAR BROTHERS HOSPITAL HYD080467954 READE PLACE POUGHKEEPSIE
VOPLEX CORPORATION HYD002207181 763 LINDEN AVENUE ROCHESTER	VICTORY SPECIALTY PACKAGING, INC. HYD096307483 153 JONES & GIFFORD AVENUE JAHSTOWN
WASHINGTON HILLS ELECTRO HYD001367481 1801 BUFFALO AVENUE NIAGARA FALLS	WASHINGTON HILLS ELECTRO HYD001367481 1801 BUFFALO AVENUE NIAGARA FALLS
WEKSLER INSTRUMENTS CORP. HYD005920194 80 HILL RD. FREEPORT	WEKSLER INSTRUMENTS CORP. HYD005920194 80 HILL RD. FREEPORT
WEST FARMS DEPOT HYD980642367 1801-1825 BOSTON ROAD BROOKLYN	WEST FARMS DEPOT HYD980642367 1801-1825 BOSTON ROAD BROOKLYN
WEST VALLEY DEMONSTRATION PROJECT/USDO HYD980779540 P.O. BOX 191 WEST VALLEY	WEST VALLEY DEMONSTRATION PROJECT/USDO HYD980779540 P.O. BOX 191 WEST VALLEY
WESTWOOD CHEMICAL CORP. HYD072710502 46 TOWER DR. MIDDLETOWN	WESTWOOD CHEMICAL CORP. HYD072710502 46 TOWER DR. MIDDLETOWN
WHITING ROLL-UP DOOR HFG. HYD002114726 113 CEDAR ST. AKRON	WHITING ROLL-UP DOOR HFG. HYD002114726 113 CEDAR ST. AKRON
WILLIAMS ADVANCED MATERIALS INC. HYD002104875 2978 MAIN ST. BUFFALO	WILLIAMS ADVANCED MATERIALS HYD980790059 JUDD & AIRPORT ROADS ORISKANY

APPENDIX 3-1 CONTINUED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES

11/26/91

GENERATORS WITH ANNUAL REPORTS

WILMORITE INC NYD982721128 169-179 TRUMAN AVE YONKERS	WILSON GREATBATCH LTD NYD058650102 10000 WEHRLE DR CLARENCE	NY 10703	NY 14031
WINFIELD INDUSTRIES, INC. NYD063638654 852 KENSINGTON AVENUE BUFFALO	WITCO CORPORATION - CHEMPRENE DIVISION NYD050420512 570 FISHKILL AVENUE BEACON	NY 14215	NY 12508
WITCO CORPORATION/ARGUS' DIVISION NYD003907367 700 COURT STREET BROOKLYN	WOODBINE PRODUCTS INC. NYD002061380 701 GRAND BLVD. DEER PARK	NY 11231	NY 11729
WORLD DISPLAY FIXTURES CORP. NYD981129745 458 EAST 101 STREET BROOKLYN	XEROX CORP. NYD041292509 1350 JEFFERSON ROAD, BLDG. 801 HENRIETTA	NY 11236	NY 14623
XEROX CORP./WILSON CENTER NYD002211324 800 PHILLIPS ROAD, BLDG. 304-135 WEBSTER	YUKON DEPOT NYD980642284 40 YUKON AVENUE STATEN ISLAND	NY 14580	NY 10314
ZIERICK MFG. CORP. NYD001526060 RADIO CIRCLE MT. KISCO	ZOTOS INTERNATIONAL, INC. NYD013596556 300 FORGE AVENUE GENEVA	NY 10549	NY 14456

Source: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPENDIX 3-2

THE TOXIC RELEASE INVENTORY

Under Section 313 of the Emergency Planning and Community Right-to-Know Act of the Superfund Amendments and Authorization Act of 1986, the U.S. Environmental Protection Agency (EPA) is required to establish a national inventory of toxic chemical emissions from certain facilities. These facilities are required to provide toxic emission information to EPA and designated state agencies by July 1st of each year. From this information, EPA produces a database called the Toxic Release Inventory (TRI).

The TRI provides information that is reported by owners and operators of facilities that have 10 or more full-time employees, that are in Standard Industrial Classification (SIC) codes 20 through 39 (i.e. manufacturing facilities) and that manufacture, process, or otherwise use listed toxic chemicals in excess of specified threshold quantities. The TRI includes the following information:

- name, address and type of business;
- chemical name;
- whether the chemical is manufactured, processed, or otherwise used and the general categories of use of the chemical;
- an estimate (in ranges) of the maximum amounts of the toxic chemical present at the facility at any time during the preceding year;
- quality of the chemical entering air, land and/or water annually;
- off-site locations to which the facility transfers toxic chemicals in waste; and,
- waste treatment/disposal methods and efficiency of methods for each waste stream;

The TRI is published every year in several formats including: Cd-Rom, COMfiche (microfiche), diskette, and magnetic tape. It can be purchased from two sources:

U.S. Government Printing Office (GPO)
710 North Capitol Street, N.W.
Washington D.C. 20401
Phone: 202-783-3238 (sales)
202-275-0186 (computer products)

and

National Technical Information Service (NTIS)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161
Phone: 1-800-553-NTIS
703-487-4650 (sales)
703-487-4763 (computer products)

CONTINUED

APPENDIX 3-2 CONTINUED

We recommend inquiring at the GPO address, and turning to the NTIS only if GPO is out of stock. The current cost of obtaining the TRI (in US \$, subject to change) from these sources are as follows:

Cd-Rom

GPO price: \$23 (28.75 foreign)
NTIS price: \$45

COMfiche

GPO price: (National) \$107
(Individual state) \$6-\$13
NTIS price: \$600

Diskette

GPO price: (Individual state) \$15-\$21
NTIS price: (National) \$1830
(Individual state) \$55

Magnetic Tape

GPO price: \$500
NTIS price: \$890

The TRI is also accessible to the public through federal depository and public libraries throughout the U.S. The following list provides names and addresses by state, of libraries holding copies of the TRI and that are in close proximity to the U.S-Canadian border:

MAINE

University of Maine at Presque Isle
Library/Learning Resource Center
181 Main Street
Presque Isle, ME 04769
(207) 764-0311 X293

MICHIGAN

Lake Superior State College
Kenneth Shouldice Library
Sault Ste. Marie, MI 49783
(906) 635-2124

Detroit Public Library
5201 Woodward Avenue
Detroit, MI 48202
(313) 833-1440

MINNESOTA

Duluth Public Library
520 West Superior Street
Duluth, MN 55802
(218) 723-3802

CONTINUED

APPENDIX 3-2 CONTINUED

MONTANA

Montana State Library
1515 6th Avenue East
Helena, MT 59620
(406) 444-3004

NEW YORK

State University of New York at Buffalo
Charles B. Sears Law Library
Documents Department
O'Brian Hall, Amherst Campus
Buffalo, NY 14260
(716) 636-2084

Niagara Falls Public Library
1425 Main Street
Niagara Falls, NY 14305
(716) 286-4881

State University College at Plattsburgh
Benjamin F. Feinberg Library
Government Documents Collection
Plattsburgh, NY 12901
(518) 564-5192

NORTH DAKOTA

North Dakota State University Library
Documents Office
Fargo, ND 58105
(701) 237-8886

VERMONT

University of Vermont
Bailey/Howe Library
Documents/Maps Department
Burlington, VT 05405
(802) 656-2542

WASHINGTON

Western Washington University
Mable Zoe Wilson Library
Documents Division
516 High Street
Bellingham, WA 98225
(206) 676-3075

CONTINUED



APPENDIX 3-2 CONTINUED

WISCONSIN

Wisconsin State Law library
P.O. Box 7881
310 East State Capitol Street
Madison, WI 53707
(608) 266-1600

APPENDIX 3-3
SAMPLE OF INFORMATION RETRIEVED FROM TOXIC RELEASE INVENTORY, MAY 1992

SAMPLE COMPANY: BUFFALO COLOR CORP., 100 LEE ST., BUFFALO, N.Y.

PARTIAL SAMPLE FROM "AMTS" FILE

NOTE: THE FILE MAKES INFORMATION AVAILABLE ON SEVERAL SUBSTANCES. THE INFORMATION ON ONLY ONE SUBSTANCE IS PRESENTED HERE.

EPA SUBMISSION NUMBER	1387010263364NY
TRI FACILITY ID	14210BFFLC100LE
REPORTING YEAR	1987
EPA REGION	2
COVERED FACILITY	A--AN ENTIRE COVERED FACILITY
FACILITY NAME	BUFFALO COLOR CORPORATION
FACILITY STREET ADDRESS	100 LEE STREET
FACILITY CITY	BUFFALO
FACILITY COUNTY	ERIE
FACILITY STATE	NY
STATE/COUNTY FIPS CODE	36029
FACILITY ZIP CODE	14210
PUBLIC CONTACT/PHONE	GREGORY W. COLLINS/716-827-4531
CASRN	7664-41-7
SUBSTANCE NAME	AMMONIA

RELEASE MEDIUM	NON-POINT AIR RELEASE
RANGE ESTIMATE	ESTIMATE
RELEASE/TRANSFER AMOUNT	55100
RELEASE MEDIUM	POINT AIR RELEASE
RANGE ESTIMATE	ESTIMATE
RELEASE/TRANSFER AMOUNT	495800

RELEASE MEDIUM	WATER RELEASE
RANGE ESTIMATE	ESTIMATE
RELEASE/TRANSFER AMOUNT	1300
STREAM NAME	BUFFALO RIVER

RELEASE MEDIUM	UNDERGROUND RELEASE
RANGE ESTIMATE	RANGE MARKED ZERO
RELEASE MEDIUM	LAND RELEASE
RANGE ESTIMATE	RANGE MARKED ZERO

RELEASE MEDIUM	LAND RELEASE
RANGE ESTIMATE	RANGE MARKED ZERO

RELEASE MEDIUM	POTW TRANSFER
RANGE ESTIMATE	ESTIMATE
RELEASE/TRANSFER AMOUNT	421400
POTW/OFFSITE NAME	BUFFALO SEWER AUTHORITY
POTW/OFFSITE STREET	FOOT OF WEST FERRY STREET
POTW/OFFSITE CITY	BUFFALO
POTW/OFFSITE COUNTY	ERIE
POTW/OFFSITE STATE	NE
POTW/OFFSITE ZIP CODE	14213

PARTIAL SAMPLE FROM "SUMS" FILE

EPA SUBMISSION NUMBER	1388025586431NY
TRI FACILITY ID	14210BFFLC100LE
REPORTING YEAR	1988

CONTINUED



APPENDIX 3-3 CONTINUED

EPA REGION	2
COVERED FACILITY	A--AN ENTIRE COVERED FACILITY
FACILITY NAME	BUFFALO COLOR CORP.
FACILITY STREET ADDRESS	100 LEE ST.
FACILITY CITY	BUFFALO
FACILITY COUNTY	ERIE
FACILITY STATE	NY
STATE/COUNTY FIPS CODE	36029
FACILITY ZIP CODE	14210
PUBLIC CONTACT/PHONE	GREGORY W. COLLINS/716-827-4531
CASRN	7664-41-7
SUBSTANCE NAME	AMMONIA
MAXIMUM AMOUNT ONSITE	10,000 TO 99,999
MAXIMUM AMOUNT MIDPOINT	55000
CENTROID LATITUDE	425230
CENTROID LONGITUDE	784930
PARENT COMPANY NAME	SHERBORNE GROUP INC.
PARENT DUNS NUMBER	175163716
MANUFACTURING	PRODUCE, AS A BYPRODUCT
PROCESSING	AS A REACTANT
OTHER USE	
FACILITY D&B NUMBER	06-078-3552
EPA ID NUMBER	0080335052
NPDES PERMIT NUMBER	NY0002470
SIC CODE	2865
SIC	CYCLIC CRUDES AND INTERMEDIATES
SUM AIR RELEASES	215879
SUM WATER RELEASES	2779
SUM LAND RELEASE	
SUM ALL RELEASES TO ENVIRON	218658
SUM POTW TRANSFERS	664263
SUM OFFSITE TRANSFER	
SUM POTW AND OFFSITE TRANSFERS	664263
SUM RELEASES AND TRANSFERS	882921

PARTIAL SAMPLE FROM "TREATMNT" FILE

EPA SUBMISSION NUMBER	1388025586431NY
TRI FACILITY ID	14210BFFLC100LE
REPORTING YEAR	1988
EPA REGION	2
COVERED FACILITY	A--AN ENTIRE COVERED FACILITY
FACILITY NAME	BUFFALO COLOR CORP.
FACILITY STREET ADDRESS	100 LEE ST.
FACILITY CITY	BUFFALO
FACILITY COUNTY	ERIE
FACILITY STATE	NY
STATE/COUNTY FIPS CODE	36029
FACILITY ZIP CODE	14210
PUBLIC CONTACT/PHONE	GREGORY W. COLLINS/716-827-4531
CASRN	7664-41-7
SUBSTANCE NAME	AMMONIA
GENERAL WASTESTREAM	GASEOUS (INCLUDING GASES, VAPORS, AIRBORNE PARTICULATES)
TREATMENT METHOD	SCRUBBER
INFLUENT CONCENTRATION	GREATER THAN 1 PERCENT

CONTINUED

APPENDIX 3-3 CONTINUED

SEQUENTIAL TREATMENT
TREATMENT EFFICIENCY
BASED ON OPERATING DATA
GENERAL WASTESTREAM

NO
95.00
YES
GASEOUS (INCLUDING GASES, VAPORS, AIRBORNE
PARTICULATES)

TREATMENT METHOD
INFLUENT CONCENTRATION

ASORBER
100 PARTS PER MILLION (0.01 %) TO 1 % (10,000
PARTS PER MILLION)

SEQUENTIAL TREATMENT
TREATMENT EFFICIENCY
BASED ON OPERATING DATA

NO
95.00
YES

APPENDIX 3-4

NEW YORK STATE SITES ON EPA'S NATIONAL PRIORITIES LIST

SITE NAME	LOCATION
Action Anodizing, Plating & Polishing Corp.	Coplague
American Thermostat Co.	South Cairo
Anchor Chemicals	Hicksville
Applied Environmental Services	Glenwood Landing
Batavia Landfill	Batavia
BEC Trucking	Town of Vestal
BioClinical Laboratories, Inc.	Bohemia
Brewster Well Field	Putnam County
Brookhaven National Laboratory (USDOE)	Upton
Byron Barrel & Drum	Byron
C & J Disposal Leasing Co. Dump	Hamilton
Carroll & Dubies Sewage Disposal	Port Jervis
Circuitron Corp.	East Farmingdale
Claremont Polychemical	Old Bethpage
Clothier Disposal	Town of Granby
Colesville Municipal Landfill	Town of Colesville
Conklin Dumps	Conklin
Cortese Landfill	Village of Narrowsburg
Endicott Village Well Field	Village of Endicott
Facet Enterprises, Inc.	Elmira
FMC Corp. (Dublin Road Landfill)	Town of Shelby
Forest Glen Mobile Home Subdivision	Niagara Falls
Fulton Terminals	Fulton
GE Moreau	South Glen Falls
General Motors (Central Foundry Division)	Massena
Genzale Plating Co.	Franklin Square
Goldisc Recordings, Inc.	Holbrook
Griffis Air Force Base	Rome
Haviland Complex	Town of Hyde Park
Hertel Landfill	Plattekill
Hooker (102nd Street)	Niagara Falls
Hooker (Hyde Park)	Niagara Falls
Hooker (S Area)	Niagara Falls
Hooker Chemical/Ruco Polymer Corp.	Hicksville
Hudson River PCB's	Hudson River
Islip Municipal Sanitary Landfill	Islip
Johnstown City Landfill	Town of Johnstown
Jones Chemicals, Inc.	Caledonia
Jones Sanitation	Hyde Park
Katonah Municipal Well	Town of Bedford
Kenmark Textile Corp.	Farmingdale
Kentucky Avenue Well Field	Horseheads
Li Tungsten Corp.	Glen Cove
Liberty Industrial Finishing	Farmingdale
Love Canal	Niagara Falls
Ludlow Sand & Gravel	Clayville
Malta Rocket Fuel Area	Malta
Marathon Battery Corp.	Cold Springs
Mattiace Petrochemical Co., Inc.	Glen Cove
Mercury Refining, Inc.	Colonie
Nepera Chemical Co., Inc.	Maybrook
Niagara County Refuse	Wheatfield
Niagara Mohawk Power Corp. (Saratoga Springs Plant)	Saratoga Springs
North Sea Municipal Landfill	North Sea

CONTINUED

APPENDIX 3-4 CONTINUED

SITE NAME

Old Bethpage Landfill
Olean Well Field
Pasley Solvents & Chemicals, Inc.
Plattsburgh Air Force Base
Pollution Abatement Services
Port Washington Landfill
Preferred Plating Corp.
Radium Chemical Corp.
Ramapo Landfill
Richardson Hill Road Landfill/Pond
Robintech Inc./National Pipe Co.
Rosen Brothers Scrap yard/Dump
Rowe Industries Ground Water Contamination
Samey Farm
Sealand Restoration, Inc.
Seneca Army depot
Sidney Landfill
Sinclair Refinery
SMS Instruments, Inc.
Solvent Savers
Suffern Village Well Field
Syosset Landfill
Tri-Cities Barrel Co., Inc.
Tronic Plating Co., Inc.
Vestal Water supply Well 1-1
Vestal Water supply Well 4-2
Volney Municipal Landfill
Warwick Landfill
Wide Beach Development
York Oil Co.

LOCATION

Oyster Bay
Olean
Hempstead
Plattsburgh
Oswego
Port Washington
Farmingdale
New York City
Ramapo
Sidney Center
Town of Vestal
Cortland
Noyack/Sag Harbor
Amenia
Lisbon
Romulus
Sidney
Wellsville
Deer Park
Lincklaen
Village of Suffern
Oyster Bay
Port Crane
Farmingdale
Vestal
Vestal
Town of Volney
Warwick
Brant
Moira

Source: U.S. ENVIRONMENTAL PROTECTION AGENCY



APPENDIX 3-5 CONTINUED

88	Youngstown Test (RADC)	10
	AIR FORCE TOTALS	144

DEFENSE LOGISTICS AGENCY

89	DFSP Verona	1
90	DNCS Scotia	1
	DEFENSE LOGISTICS	
	AGENCY TOTALS	2

	NEW YORK TOTALS	653
--	-----------------	-----

**APPENDIX 5-1
ENVIRONMENTAL ENGINEERING CONSULTING FIRMS IN NYS
(ARRANGED BY REGION)**

CAPITAL DISTRICT & UPPER HUDSON VALLEY (ALBANY AREA)

ADIRONDACK ENVIRONMENTAL SERVICES, INC.
314 N. Pearl Street
Albany, NY 12207-1322
(518) 434-4546, FAX: (518) 434-0891

Activities: Sampling, MS analysis of priority pollutants & organic compounds, asbestos analysis of bulk, air & water samples.

JACK J. BULLOFF
399 Ridge Hill Road
Schenectady, NY 12303
(518) 355-0977

Activities: Chemical & environmental consultant in environmental safety & health, hazardous chemicals & waste, management/disposal, compliance/litigation.

K.W. BUNN ENGINEERING, PC
141 Birch Lane
Glenville, NY 12302
(518) 399-0575

Activities: Environmental engineering projects.

CLOUGH, HARBOUR & ASSOCIATES
III Winners Circle, PO Box 5269
Albany, NY 12205
(518) 453-4500, FAX: (518) 458-1735

Activities: Planning & design services in environmental engineering.

WILLIAM J. DEVER, PE
859 Maxwell Drive, PO Box 9066
Schnectady, NY 12309
(518) 372-9248, FAX: (518) 374-1665

Activities: Environmental engineering specializing in air & water permit support, air dispersion modeling, toxic & hazardous material management system design.

DKI GEO-ENVIRONMENTAL TECHNOLOGY CORP.
9 Turnberry Lane
Clifton Park, NY 12065
(518) 877-6666, FAX: (518) 383-6801

Activities: Environmental management including hazardous & toxic waste management.

DUNN GEOSCIENCE CORP.
12 Metro Park Road
Albany, NY 12205
(518) 458-1313, FAX: (518) 458-2472

Activities: Environmental management including corrective action, remedial design & consultation management, solid & hazardous waste planning, regulatory assistance.

EWELL W. FINLEY, PC
677 Central Avenue
Albany, NY 12206
(518) 458-8659, FAX: (518) 458-8153

Activities: Environmental engineering services.

J. KENNETH FRASER & ASSOCIATES
22 High Street
Rensselaer, NY 12144-3059
(518) 463-4400, FAX: (518) 432-6741

Activities: Solid waste management systems, environmental studies, water quality monitoring.

HART ENVIRONMENTAL MANAGEMENT CORP.
28 Madison Avenue Ext.
Albany, NY 12203
Parent location: New York, NY
(212) 447-1480, FAX: (212) 447-1495

Activities: Program development to mitigate environmental problems, remedial engineering design & construction management, preparation of environmental permit applications.

HA2F CONSULTANTS IN ENGINEERING
PO Box 226, Northway 10 Professional Bldg.
Clifton Park, NY 12065
(518) 877-8566, FAX: (518) 877-8599

Activities: Sanitary & industrial waste elimination.

LABERGE ENGINEERING & CONSULTING GROUP, LTD.
4 Computer Drive West
Albany, NY 12205
(518) 458-7112, FAX: 458-1879

Activities: Civil & environmental engineering, refuse disposal, sanitary sewers & waste treatment.

APPENDIX 5-1 CONTINUED

LAMONT, VANDEVALK ENGINEERS, PC
PO Box 610, 1 Main Street
Cobleskill, NY 10243
(518) 234-4028, FAX: (518) 234-4613

Activities: Wastewater collection, treatment & sludge disposal, solid waste management including landfills.

C.T. MALE ASSOCIATES, PC
50 Century Hill Drive, PO Box 727
Latham, NY 12110-0727
(518) 785-0976, FAX: (518) 785-3264

Activities: Environmental engineering for water, sewer, solid waste systems.

MORSE ENGINEERING, PC
99 Lower Dix Avenue
Queensbury, NY 12804
(518) 792-5382, FAX: (518) 792-5049

Activities: Environmental engineering services.

RESOURCE MANAGEMENT INTERNATIONAL INC.
3 Washington Square
Albany, NY 12205
Parent location: Sacramento, CA
(916) 852-1300, FAX: (916) 852-1073

Activities: Solid waste management, environmental assessment.

SMITH & MAHONEY, PC, CONSULTING ENGINEERS
79 North Pearl Street
Albany, NY 12207-2208
(518) 463-4107, FAX: 463-3823

Activities: Solid waste management engineering, wastewater collection & treatment.

HAROLD I. ZELIGER
1270 Sacandaga Road
West Charlton, NY 12010
(518) 882-6800, FAX: (518) 882-6926

Activities: Handling, disposal, & environmental impact of toxic substances, liaison with regulatory agencies, expert testimony for litigation of chemical & environmental matters.

APPENDIX 5-1 CONTINUED

CENTRAL NEW YORK (SYRACUSE AREA)

ATLANTIC TESTING LABORATORIES, LIMITED

PO Box 29
Canton, NY 13617
(315) 386-4578, FAX: (315) 386-1012

Activities: Testing & consulting services specializing in groundwater monitoring, geotechnical engineering.

BARTON & LOGUIDICE, PC

290 Elwood David Road, Box 3107
Syracuse, NY 13220
(315) 457-5200, FAX: (315) 451-0052

Activities: Sewage & industrial wastes treatment, solid waste management, resource recovery.

BLASLAND & BOUCK ENGINEERS, PC

6723 Towpath Road, Box 66
Syracuse, NY 13214
(315) 446-9120

Activities: Engineering services specializing in water, wastewater, hazardous & solid waste.

CALCERINOS & SPINA ENGINEERS, PC

1020 Seventh North Street
Liverpool, NY 13088
(315) 457-6711, FAX: (315) 457-9803

Activities: Environmental engineering including solid & hazardous waste management, industrial wastewater treatment, environmental audits.

EAGLE ENGINEERING, PC

5811 Heritage Landing Drive
East Syracuse, NY 13057
(315) 449-0090, FAX: (315) 449-0091

Activities: Engineering consulting services for C & D debris landfills, wetlands, water quality.

ESHBAUGH CONSULTING ENGINEERS

117 Highbridge Street, Suite 100
Fayetteville, NY 13066
(315) 637-1212, FAX: 637-1352

Activities: Civil engineering services for solid waste.

GALSON CORPORATION, PC

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-0506, FAX: (315) 437-0509

Activities: Environmental services specializing in industrial hygiene, stack testing, air quality, environmental testing services.

O'BRIEN & GERB ENGINEERS, INC.

5000 Brittonfield Parkway, PO Box 4873
Syracuse, NY 13221
(315) 4376100, FAX: (315) 451-1242

Activities: Environmental audits/assessments, industrial waste treatment, hazardous & toxic management, solid waste management, resource recovery.

PICKARD & ANDERSON

69 South Street
Auburn, NY 13021
(315) 253-4433, FAX: (315) 253-2045

Activities: Environmental audits, construction & management & operations services for solid waste & hazardous waste management.

PLUMLEY ENGINEERING, PC

12 Oswego Street
Baldwinsville, NY 13027
(315) 638-8587, FAX: (315) 638-9740

Activities: Environmental engineering services.

J.E. ROBINSON ASSOCIATES

837 Ackerman Avenue
Syracuse, NY 13210
(315) 472-8255

Activities: Geotechnical consultants to the petroleum & environmental industries.

STEARNS & WHEELER, ENGINEERS & SCIENTISTS

One Remington Park Drive
Cazenovia, NY 13035
(315) 655-8161, FAX: (315) 655-4180

Activities: Water & waste treatment, environmental studies/audits, solid, hazardous & toxic wastes, industrial hygiene

APPENDIX 5-1 CONTINUED

STETSON-HARZA

181 Genesee Street

Utica, NY 13501

(315) 797-5800, FAX: (315) 797-8143

Activities: Environmental & water
resources engineering.

TISDEL ASSOCIATES

113 Main Street

Canton, NY 13617-0400

(315) 386-8542, FAX: (315) 386-2974

Activities: Municipal & industrial wastewater
treatment, solid waste disposal.

APPENDIX 5-1 CONTINUED

MID HUDSON AREA

BERGER, LEHMAN ASSOCIATES, PC
411 Theodore Fremd Avenue
Rye, NY 10580
(914) 967-5800, FAX: (914) 967-5263

Activities: Environmental planning & evaluation.

RONALD E. BIELINSKI, PE, C.I.H.
845 N. Broadway Suite 208
White Plains, NY 10601
(914) 949-3109, FAX: (914) 949-8103

Activities: Indoor air quality evaluation & remediation, industrial hygiene engineering, air pollution control testing, asbestos management.

BRINNIER & LARIOS, PC
67 Maiden Lane, UPO Box 3720
Kingston, Ny 12401
(914) 338-7622, FAX: (914) 338-7660

Activities: Wastewater facilities planning, water supply, solid wastes.

CAMO POLLUTION CONTROL, INC.
367 Violet Avenue
Poughkeepsie, NY 12601
(914) 473-9200

Activities: Water & wastewater purification, analytical testing of soil, petrol, air for controlled or toxic substances.

CASHIN ASSOCIATES, PC
Route 52
Carmel, NY 10512
(914) 225-8088

Activities: Environmental consulting & engineering.

ENVIROTEST LABORATORIES INC.
315 Fullerton Avenue
Newbergh, NY 12550
(914) 562-0890

Activities: Environmental consultants active in the areas of water, wastewater, soil analysis.

GETTER, SEGNER & GIRONDA, PE, PC
Sutton Park North, 465 Columbus Avenue
Valhalla, NY 10595-1326
(914) 747-4540

Activities: Environmental services including water, sewage, pollution control.

HAYWARD & PAKAN ASSOCIATES
321 Main Mall
Poughkeepsie, NY 12601
(914) 454-9440, FAX: 454-9206

Activities: Sanitary engineering specializing in air & water pollution control.

HAZEN & SAWYER ENVIRONMENTAL ENGINEERS
84 Business Park Drive
Armonk, NY 10504
Parent location: New York, NY
(212) 777-8400, FAX: (212) 228-8369

Activities: Water supply & treatment, wastewater & industrial waste collection & treatment, solid & hazardous waste management.

LAWLER, MATUSKY & SKELLY ENGINEERS
1 Blue Hill Plaza
Pearl River, NY 10965
(914) 735-8300, FAX: (914) 735-7466

Activities: Environmental engineering & science consulting services including assessment, permit negotiations, site engineering, field sampling of wastes.

LEONARD JACKSON ASSOCIATES
Palisades Office Park
26 Firemens Memorial Drive, Suite 201
Pomona, NY 10970
(914) 354-4382, FAX: (914) 354-4401

Activities: Consulting engineers active in sanitary & water supply systems, solid waste handling & landfills.

KARTIGANER ASSOCIATES, PC, CONSULTING ENGINEERS
555 Blooming Grove Turnpike
Newbergh, NY 12550-7896
(914) 562-4391, FAX: (914) 562-4395

Activities: Environmental engineering including environmental assessments.

APPENDIX 5-1 CONTINUED

MCGOEY, HAUSER & EDSALL CONSULTING ENGINEERS, PC
45 Quassaick Avenue (Rt. 9W)
New Windsor, NY 12550-6794
(914) 562-8640, FAX: (914) 562-1413

Activities: Environmental engineering & services.

MCKBOWN & FRANZ, INC.
150 Edgar Lane
Hastings-on-Hudson, NY 10706
Parent location: New York, NY
(212) 490-6640, FAX: (212) 949-9678

Activities: Environmental planning & regulatory compliance, solid waste disposal & analysis, hazardous waste management, ecological & wetland analysis, asbestos abatement training.

PACE INC.
Robinson Lane, RD6
Wappingers Falls, NY 12590
Parent location: Minneapolis, MN
(612) 544-5543, FAX: (612) 525-3366

Activities: Laboratory testing of environmental samples of solid & hazardous waste, air, industrial hygiene, asbestos management, air pollution control.

CHARLES R. VELZY ASSOCIATES, INC.
465 Columbus Avenue, Suite 180
Valhalla, NY 10595-1326
(914) 749-5400, FAX: (914) 749-5460

Activities: Investigations, planning reports, design & related services for collection & disposal of solid wastes, hazardous waste remediation, disposal of industrial wastes, air pollution control.

WEHRAN-NEW YORK, INC.
666 East Main Street, PO Box 2006
Middletown, NY 10940-0850
(914) 343-0660

Activities: Waste management planning, land disposal engineering, resource recovery, landfill gas recovery systems, industrial wastewater management, geotechnical engineering & laboratories.

APPENDIX 5-1 CONTINUED

ROCHESTER AREA

DONALD J. BERGMANN & ASSOCIATES, PC

Suite 200, Washington Building,
One South Washington Street
Rochester, NY 14614
(716) 232-5135, FAX: (716) 232-4652

Activities: Engineering, Architecture, &
Planning for waste handling, environmental
investigations, remediations.

CLARK ENGINEERS, PC

186 North Water Street
Rochester, NY 14604
(716) 454-4570, FAX: (716) 232-5386

Activities: Provides municipal environmental
transportation.

DAY ENGINEERING, PC

2144 Brighton-Henrietta, Townline Road
Rochester, NY 14623
(716) 292-1090

Activities: Environmental engineering
consultants.

ERDMANN, ANTHONY & ASSOCIATES, INC.

PO Box 39589
Rochester, NY 14604-9589
(716) 325-1866, FAX: (716) 325-6901

Activities: Environmental engineering
specializing in environmental impact analyses,
hazardous & solid waste management.

FISHER ASSOCIATES, PE, LS, PC

72 Glasgow Street
Clyde, NY 14433
(315) 923-7787, FAX: (315) 923-7787

Activities: Environmental engineering.

H & A OF NEW YORK

189 North Water Street
Rochester, NY 14604
(716) 232-7386, FAX: 232-6768

Activities: Landfill design, construction,
closure, & remediation. Investigations
related to oil or hazardous materials, RCRA
compliance, remedial construction management.

HUNT ENGINEERS & ARCHITECTS, PC

2500 Rochester Road
Canandaigua, NY 14425
(716) 398-2860

Activities: Environmental consulting
services.

LABELLA ASSOCIATES, PC

300 State Street, Suite 201
Rochester, NY 14614

Activities: Environmental engineering
specializing in industrial waste management,
RCRA compliance, solid waste management.

LARSEN, PE, LS, PC

700 West Metro Park
Rochester, NY 14623
(716) 272-7310, FAX: (716) 272-0159

Activities: Consulting engineering services
including waste collection & treatment,
environmental audits, solid waste, biogas recovery.

LOZIER ARCHITECTS/ENGINEERS

1050 Pittsford-Victor Road
Pittsford, NY 14534-3816
(716) 381-2210, FAX: (716) 381-5392

Activities: Environmental engineering, soil
& groundwater pollution abatement, analytical
testing of air, water, wastewater, & solid waste.

JOSEPH C. LU, PE

2230 Penfield Road
Penfield, NY 14526
(716) 377-1450, FAX: (716) 377-1266

Activities: Environmental engineering services
including industrial & solid waste.

MRB GROUP, ENGINEERING & ARCHITECTURE, PC

2480 Browncroft Boulevard
Rochester, NY 14625-1499
(716) 381-9250, FAX: 381-1008

Activities: Comprehensive environmental engineering.

APPENDIX 5-1 CONTINUED

ROBSON & WOESE, INC.

555 Penbrooke Drive
Penfield, NY 14526
(716) 377-2670, FAX: (716) 377-5317

Activities: Incinerator & tank compliance.

FRANCIS D. SHEPARD

7282 Caswell Road
Byron, NY 14422
(716) 548-2698

Activities: Municipal & industrial waste disposal, storm & sanitary sewers.

SHERBURNE ENGINEERING, PC

285 Mount Read Boulevard
Rochester, NY 14611
(716) 436-4160

Activities: Environmental control & management, air & water pollution control, industrial waste treatment & management, environmental audits.

SNIEDZE ASSOCIATES

343 North Main Street
Canandaigua, NY 14424
(716) 394-2630

Activities: Consulting engineering services including wastewater collection & treatment, solid waste disposal.

ROY F. WESTON, INC.

Park Central at Linden Oaks
130 Linden Oaks Drive Suite B
Rochester, NY 14625
(716) 383-0550

Activities: environmental & sanitary engineering.

APPENDIX 5-1 CONTINUED

SOUTHERN TIER (BINHAMPTON AREA)

HAWK ENGINEERING, PC

PO Box 427
Binghamton, NY 13902
(607) 648-4168, FAX: (607) 648-4777

Activities: Environmental engineering & planning.

LAKE ENGINEERING

Box 268, Westview Station
Binghamton, NY 13905
(607) 724-5226, FAX: (607) 772-8268

Activities: Environmental engineering services.

R.J. MARTIN, CONSULTING ENGINEERS

45 Washington Street, PO Box 2084
Binghamton, NY 13902-2084
(607) 724-3266, FAX: 724-3268

Activities: Environmental engineering specializing in sewage treatment, solid waste management.

T.G MILLER, PC

203 North Aurora Street, PO Box 777
Ithaca, NY 14851
(607) 272-6477

Activities: Solid waste facilities construction management.

ST. JOHN ASSOCIATES-ENGINEERS, PC

1117 Front Street, PO Box 2398
Binghamton, NY 13902-2398
(607) 772-8282, FAX: (607) 772-8289

Activities: Environmental services including industrial waste, groundwater, environmental & special use studies, recovery systems.

VERNON O. SHUMAKER

423 Commerce road, PO Box 427
Vestal, NY 13850-0427
(607) 798-8081, FAX: (607) 798-8186

Activities: Environmental engineering services specializing in solid waste disposal, industrial development, pollution control.

APPENDIX 5-1 CONTINUED

WESTERN NEW YORK (BUFFALO AREA)

ACRES INTERNATIONAL CORP.

140 John James Audubon Pkwy
Amherst, NY 14228
(716) 689-3737, FAX: (716) 689-3749

Activities: Environmental engineering consulting in hazardous waste management, industrial waste treatment, asbestos assessment & management.

ANDCO ENVIRONMENTAL PROCESSES, INC.

595 Commerce Drive
Amherst, NY 14228
(716) 691-2100, FAX: (716) 691-2880

Activities: Wastewater treatment systems consulting including water pollution control.

BEAK CONSULTANTS LIMITED

12072 Main Road
Akron, NY 14001
Parent location: Brampton, Ontario
(416) 458-4044, FAX: 458-7303

Activities: A multi-disciplinary environmental consulting firm specializing in pollution abatement, ecotoxicology, contaminant pathway analysis, bioremediation.

C.J. BROWN ENGINEERING, PC

1576 Sweet Home Road
Amherst, NY 14221
(716) 636-3715, FAX: (716) 636-3630

Activities: Chemical process design & environmental services.

E-THREE INC.

4454 Genesee
Buffalo, NY 14225
(716) 631-5858

Activities: Environmental consultants to industry specializing in air pollution control problems.

ECOLOGY & ENVIRONMENT, INC.

Buffalo Corporate Center
368 Pleasantview Drive
Lancaster, NY 14086
(716) 684-8060, FAX: (716) 684-0844

Activities: Hazardous, solid, medical & nuclear waste remedial investigations & feasibility studies, environmental engineering & design, air & water quality analyses & pollution control engineering.

GARTNER LEE LIMITED

105 Main Street
Niagara Falls, NY 14303
Parent location: Markham, Ontario
(416) 477-8400

Activities: Environmental services specializing in groundwater contamination, hazardous & domestic waste disposal, site remediation

GOLDER ASSOCIATES CORP.

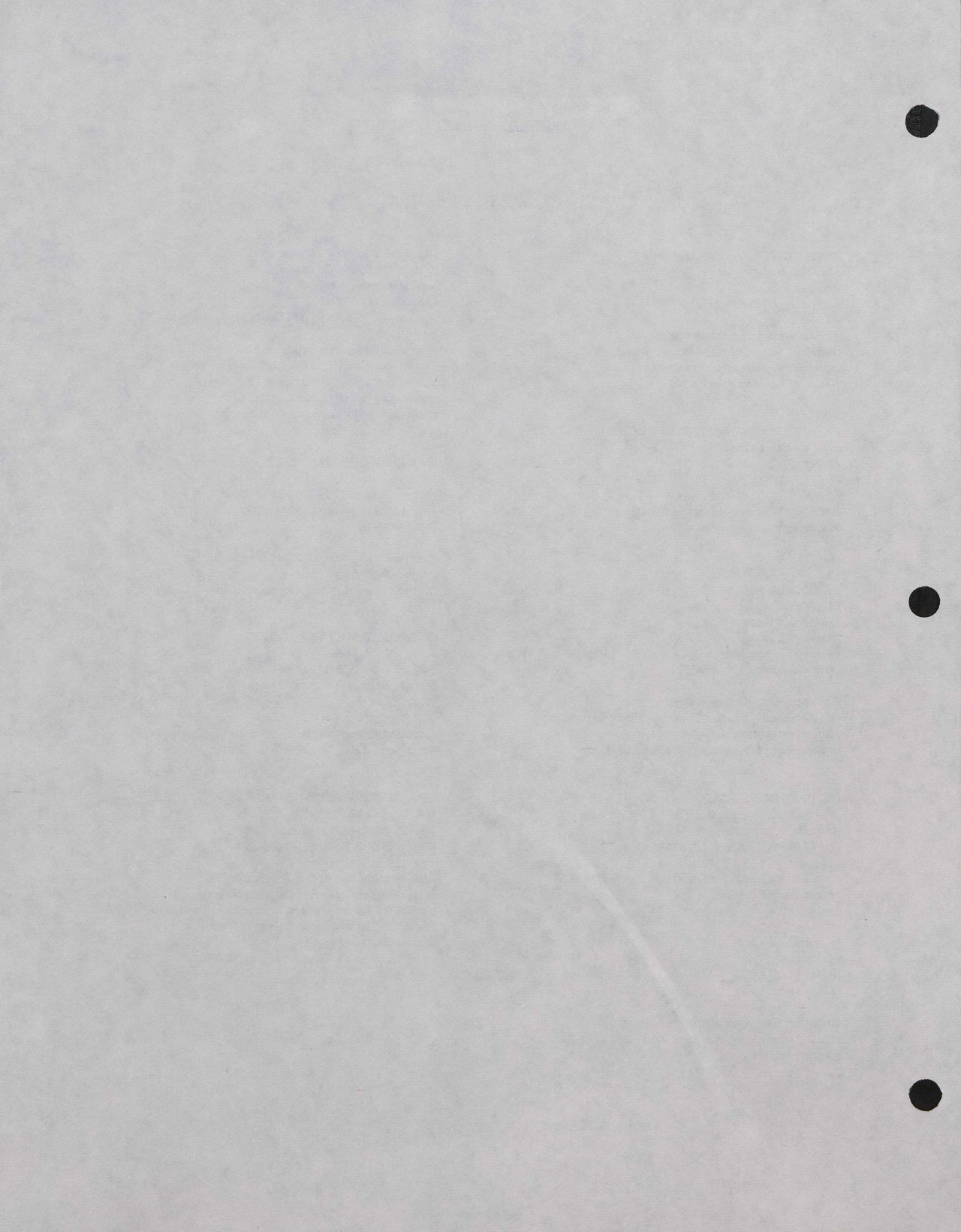
3619 Packard Road
Niagara Falls, NY 14303
Parent Location: Toronto, Ontario
(716) 282-3477

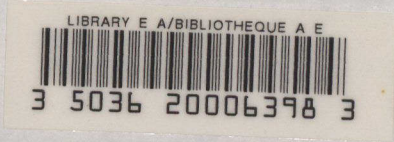
Activities: Environmental engineering in Hazardous waste, solid waste, water.

GZA GEOENVIRONMENTAL OF NEW YORK

364 Nagel Drive
Buffalo, NY 14225
(716) 685-2300, FAX: (716) 685-3629

Activities: Landfill design & construction monitoring, environmental & soils laboratory testing, RCRA compliance, environmental site assessment, hazardous waste site characterization & remediation.





APPENDIX 5-1 CONTINUED

HAYDEN WEGMAN CONSULTING ENGINEERS

455 Commerce Drive
Amherst, NY 14150
(716) 691-4713, FAX: 691-4717

Activities: Environmental & waste-to-energy services including mass burning furnace/boiler systems, conversion & rehabilitation of incinerators, landfill gas recovery systems.

HAZMAT ENVIRONMENTAL GROUP, INC.

60 Commerce Drive
Buffalo, NY 14218
(716) 827-7200, FAX: (716) 827-7217

Activities: Compliance assistance for hazardous materials & hazardous wastes including RCRA, compliance audits, development of hazardous waste management systems, site remediation & hazardous waste transport.

R.P. MORROW ASSOCIATES, INC.

225 Delaware Avenue
Buffalo, NY 14202-2186
(716) 847-6710

Activities: Consulting services specializing in pollution control & wastewater disposal.

MALCOLM PIRNIE, INC.

3515 Abbott Road
PO Box 1938, Buffalo, NY 14219-9990
(716) 828-1300, FAX: (716) 828-0431

Activities: Environmental engineering services specializing in air pollution, environmental assessments, industrial waste, hazardous/toxic wastes, solid waste projects.

R & D ENGINEERING & LAND SURVEYING

600 R & D Centre, 268 Main Street
Buffalo, NY 14202
(716) 856-2142, FAX: (716) 856-2160

Activities: Design of water & wastewater systems, solid waste facilities.

Source: CONSULTING ENGINEERS COUNCIL OF NEW YORK STATE, INC. DIRECTORY 1991-1992

CONSULTANTS & CONSULTING ORGANIZATIONS DIRECTORY, 1992, 12TH EDITION VOL. 1 DETROIT: GALE RESEARCH INC.

SLC CONSULTANTS/CONSTRUCTORS, INC.

6362 Robinson Road
Lockport, NY 14094
(716) 433-0776, FAX: (716) 433-0802

Activities: Industrial & sanitary landfill construction, site work & cleanup of abandoned hazardous waste disposal sites, engineering studies for hazardous waste sites.

WASTE RESOURCE ASSOCIATES

2576 Seneca Avenue
Niagara Falls, NY 14305
(716) 297-4205, FAX: (716) 297-3767

Activities: Hazardous waste management including training programs, RCRA permit applications, hazardous waste facility design, management of hazardous materials in storage & transportation, air & water pollution control systems & corrective action plans.

CA1 EA983 93M12 ENG DOCS
Sternberg, Ernest.
Markets for environmental
hazardous waste, solid waste and
43274807

[Blank rectangular area]



