ENVIRONMENTAL SELF-ASSESSMENT FOR THE FOOD PROCESSING INDUSTRY

A QUICK AND EASY CHECKLIST OF POLLUTION PREVENTION MEASURES FOR THE FOOD PROCESSING INDUSTRY

March 2001

Prepared for the Food Processing Industry in New York State by New York State Department of Environmental Conservation Pollution Prevention Unit



George E. Pataki, Governor Erin M. Crotty, Commissioner

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If you have any questions or comments regarding the use of this self-assessment, please contact: NYS Department of Environmental Conservation Pollution Prevention Unit, 50 Wolf Road, Room 298 Albany, NY 12233-8010 Phone: (518) 457-2553 or (800) 462-6553 FAX: (518) 457-2570

INTRODUCTION

The purpose of this manual is to assist New York State food processors in the development of an effective pollution prevention program or to improve programs which may already be in place. Implementing an effective pollution prevention program requires a continuous commitment by a wide range of food processing personnel.

Food processors that practice pollution prevention benefit the environment by producing less waste and reducing the transfer of waste from one environmental medium to another. In addition, business performance improves through greater efficiency, wiser energy use, increased product quality and enhanced public image.

The Environmental Self-Assessment for the Food Processing Industry will help your business to assess its present performance in preventing pollution and identify opportunities for additional pollution prevention measures. If your business has limited resources, the self-assessment will serve as a preliminary diagnostic tool to use before seeking any outside assistance.

Technical assistance may be available from vendors, consulting engineers, professional organizations and the internet. Assistance is available from state and local environmental agencies, such as the New York State Department of Environmental Conservation's Pollution Prevention Unit or its regional multimedia pollution prevention coordinators. The New York State Environmental Facilities Corporation also provides free, confidential technical assistance to small businesses under its Small Business Assistance Program (see "A Resource Guide," page 15, for a list of agencies, organizations and sites on the internet that can provide technical information and assistance).

An environmental self-assessment can prove worthwhile as a preventive strategy in much the same way that an internal financial audit helps your business avoid violations of local, state and federal tax laws. It can identify process changes and housekeeping measures that will prevent damage to the environment and help your business comply with environmental requirements.

The checklists found in the selfassessment are designed to test a facility's performance in pollution prevention, waste reduction and recycling. To conduct a selfassessment for compliance with environmental rules and regulations, you should obtain The Environmental Self-Audit For Small Businesses. This document, which identifies possible environmental compliance problems in the general regulatory categories of air, water, land use, solid waste and hazardous materials, helps small businesses in New York State comply with local, state and federal environmental regulations. It contains information for the business that is about to begin operations, for the existing business that has never examined the environmental impact of its operations and for the business that is about to move, expand or embark on a new venture.

The following checklist is a guide designed to be used by anyone involved in the day-to-day operations of a food processing facility. These include facilities that process and package fruits, vegetables, meat, dairy, fish, beverages and baked goods using operations such as refrigeration, canning and freezing. Processing operations can produce waste in a variety of forms such as wastewater, solid waste and air emissions. To have a successful pollution prevention program, routine environmental selfassessments should be conducted. The selfassessments help identify opportunities to incorporate pollution prevention measures in all aspects of food processing operations.

Review each section of the selfassessment with the manager and staff members who are most familiar with a particular activity in the facility. Responses to the questions should show whether potential hazards or polluting activities are occurring that can be addressed by an operational change, product substitution or changes to cleanup procedures.

This self-assessment is only one in a series of steps that your facility should take to determine its regulatory compliance and to identify suitable methods of waste reduction. The checklist is most effective when used with related tools, such as workshops and other publications. For many facilities, this self-assessment will be as useful as a thermometer is for a person with a fever: symptoms may be measured, but an expert opinion may be needed to diagnose the problem and develop corrective measures.

The Environmental Self-Assessment for Food Processors was developed for use with the Environmental Compliance and Pollution Prevention Guide to the Food Processing *Industry*. Following completion of the selfassessment, consult this guide for additional information on the nature and type of pollution prevention techniques that have been applied by other food processing facilities. Both documents are available through the NYSDEC Pollution Prevention U n i t 's we b s i t e a t www.dec.state.ny.us/website/ppu.

Progressive facilities will use the environmental self-assessment to achieve two goals: to evaluate current facility practices and to develop an ongoing program in pollution prevention.

Don't be discouraged by the sometimes difficult process of identifying and addressing environmental problems. Over the long haul, the measurable benefits of conducting and responding to regular environmental self-assessments may include reductions in the following: environmental hazards, enforcement, fines, insurance rates, waste handling costs and accidents. Benefits also may include an improved compliance record, improved worker safety and a healthier work environment. Intangible benefits may include better relations with regulatory agencies, improved employee morale, favorable publicity and a stronger community reputation for integrity.

The Environmental Self-Assessment for the Food Processing Industry provides extremely useful information, but there is no guarantee, expressed or implied, that the information will identify all possible conditions and opportunities for pollution prevention. Compliance with environmental and occupational safety and health regulations is not the focus of this document and is the responsibility of the individual food processing facility.

SELF-ASSESSMENT CHECKLISTS

Review each question carefully and check the appropriate box. A *yes* answer indicates that your facility has incorporated pollution prevention, waste reduction and recycling measures into its day-to-day activities. A *no* or *can't determine* answer indicates that an opportunity to prevent or reduce pollution may exist. Make notes of the questions that received a *no* or *can't determine* response.

Use this self-assessment to create a working list of pollution prevention, waste reduction and recycling opportunities that should be explored in greater detail. You are encouraged to consult with the Department of Environmental Conservation's regional multimedia pollution prevention (M2P2) coordinators, the Pollution Prevention Unit located in Albany, trade associations, vendors and environmental engineers for additional information and assistance (see "A Resource Guide," page 15, for a list of agencies and organizations that provide technical assistance on pollution prevention).

All pollution prevention activities should be carried out in accordance with food safety requirements and regulations.

Reducing, Recycling and Preventing Packaging Waste

Re-use and recycling programs can significantly reduce the amount of waste that your food processing facility has to ship off-site for disposal, in addition to conserving our natural resources and eliminating the generation of hazardous waste that would otherwise result.

	Yes	No	Can't Determine	Not Applicable
Has your facility conducted a waste audit identifying the types and amounts of waste generated on-site; locations and reasons why they are generated; cost of disposal; and economical waste reduction solutions?				
Have suppliers been encouraged to offer products with reduced or minimal packaging?				
Have suppliers been encouraged to offer products with reusable packaging?				
If you ship products, have returnable and reusable containers or the use of fewer layers of packaging materials been considered?				
Do you inspect all shipments of materials at time of delivery and return unacceptable and damaged materials to the supplier?				

	Yes	No	Can't Determine	Not Applicable
Do you choose products that come in reusable packaging, concentrated forms or that are offered in bulk quantities?				
Do you date all food products and use the first-in, first-out method of inventory control?				
Are all containers and packages clearly labeled to indicate contents, storage, handling and expiration dates?				
Does a waste reduction program exist that outlines policies and procedures for dealing with waste and assigns responsibilities for all waste-related activities?				
Is waste reduction training given to all employees? (Training should be repeated on a regular basis and should teach waste awareness, the impact of various food wastes on the wastewater stream and proper waste- handling methods.)				
Are employees trained in the concepts of pollution prevention and how to perform their jobs in order to reduce waste and promote recycling?				
Does your shop purchase smaller containers of infrequently used materials?				
Is metal, paper, glass and recyclable plastic segregated for recycling?				
Are your packaging materials and other supplies made from recycled materials?				
Are paper products such as toilet paper, paper towels, napkins and bags made from recycled paper?				

Lunch Room/Cafeteria	Yes	No	Can't Determine	Not Applicable
Do you have recycling containers conveniently located in the employee eating area for empty beverage containers?				
Have reusable trays, dishware and silverware been substituted for disposable products?				
Do you use refillable dispensers for ketchup, mustard and other condiments?				
Is the grease from pots, pans, grills, and deep fat fryers kept out of the drains and handled separately?				

Composting, Land Spreading, Rendering and Animal Feed

Composting of organic waste can be an effective waste reduction measure by preventing organic materials from entering the waste stream. It is a natural process by which organic materials are allowed to decompose under controlled conditions. Compost is used for fertilizing and conditioning soil. In addition, offering certain food by-products for use as animal feed is an economical and environmentally sound way for food processors to reduce waste discharges and waste management costs. Another possible method for reducing waste disposal while enhancing soil conditions is the landspreading of organic waste. And last, the rendering of oil, grease, fat, and meat and bone cuttings, which results in tallow, grease, and protein meals, is another waste disposal reduction method.

	Yes	No	Can't Determine	Not Applicable
Have you considered on-site composting of kitchen and cafeteria scraps except for meat, fish, bones and fatty foods to reduce the amount of materials requiring disposal? (For more information, contact the NYSDEC, Division of Solid & Hazardous Materials, Bureau of Waste Reduction & Recycling at (518) 457-7337.)				

If on-site composting is not possible, have you considered collecting and sending food scraps to a food waste composting facility? (Check with the NYSDEC, Division of Solid & Hazardous Materials, Bureau of Waste Reduction & Recycling at (518) 457-7337.)

Have you considered using a rendering service for your waste fat, grease, oil, meat and bone cuttings? (Check with NYS Agriculture & Markets, Division of Food Safety and Inspection at (518) 457-5382 for more information.)

Have you considered land spreading food wastes which would keep them out of the landfill while enhancing soil conditions? (Check with the NYSDEC Division of Water, Bureau of Water Permits at (518) 457-0656 and the NYSDEC, Division of Solid & Hazardous Materials, Waste Reduction & Recycling at (518) 457 -7337 for more information.)

Does your facility collect food by-products (including liquid food waste) for local farmers to use as animal feed or for animal food manufacturing? (Check with NYS Agriculture & Markets, Division of Food Safety and Inspection at (518) 457-5382 and the NYSDEC, Division of Solid & Hazardous Materials, Bureau of Waste Reduction & Recycling at (518) 457-7337 for information

regarding the laws governing food for animal feed.)

Land spreading food wastes is an effective waste reduction measure.



Environmental Self-Assessment for Food Processors

Yes	No	Can't Determine	Not Applicable

A Checklist for Pollution Prevention March 2001

Food Processing Operations and Cleanup Procedures

Often the implementation of cost-effective modifications or improvements to operating and cleanup procedures will result in process operations running more efficiently and less waste being generated. This can be accomplished through improvements in handling/transfer procedures, inventory control, spill/leak management, equipment maintenance and cleanup procedures. When conducting the self-assessment, keep in mind the following pollution prevention ideas and practices, which can be applied to food processing facilities of all sizes.

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	Yes	No	Not Applicable	Can't Determine
Have the types and amounts of edible and inedible food waste that is generated at your facility been determined?				
Are excess edible foods kept separate from inedible food wastes and routed to a local food bank or food donor program?				
Are inedible food wastes used for composting, rendering, landspreading or animal feed kept separate from industrial wastes?				
Have you considered using dedicated mixing lines for certain products to reduce change-over cleanups?				
Does spillage occur from overfilling or mixing activities?				
To prevent waste product from entering drains and to reduce the use of cleanup materials, are catch basins being used for collection?				
Are bins or containers available for inedible food waste?				
Have opportunities been explored for recirculating clean rinse water? (i.e., collecting rinse water for use as a prewash for the next cleaning cycle).				
Are there screens on floor drains to prevent the release of food by-products to the sewer?				

Prior to the use of water for cleanup, do you
use dry cleanup procedures (i.e., scrapers,
shovels, brooms, squeegees, or absorbents) to
prevent the bulk of food materials from being
washed down drains? (Food materials
discharged to the sewer can cause an increase
of biological oxygen demand (BOD) to
wastewater. The higher the BOD level, the
more treatment required at the sewage
treatment plant. The sewage treatment plant
often times adds a surcharge to wastewater
which exceeds a set BOD limit.)
When water is needed for cleanup, are high-
pressure spray washes used in order to
conserve water?

Are hoses that are used for cleanup equipped with nozzles enabling easy shut off?

Have either non-toxic or less-toxic cleaning supplies been identified? And used?

When detergents/cleaners are needed, have you explored the possibility of using one multi-purpose cleaner rather than several different cleaners that are job specific?

If you discharge to a municipal sewer, have you contacted the local wastewater treatment plant for possible requirements concerning the need for grease interceptors and grease trap management? (Grease can accumulate on sewer pipes and may obstruct flow in the lines.)

Have you determined whether your food processing facility is required to have a State Pollutant Discharge Elimination System (SPDES) General Permit for storm water discharges? (Contact the NYSDEC Division of Water, Bureau of Water Permits at (518) 457-0624 for further information.)

Yes	No	Not Applicable	Can't Determine

	Yes	No	Not Applicable	Can't Determine
Are you aware that commercial bakeries may be subject to the NYSDEC air permitting requirements because of volatile organic compound (ethanol is produced when yeast ferments) emissions? (The NYSDEC Air Resources regulations define "commercial" bakeries as those who derive <u>less than 50%</u> of their revenues <u>from on-site retail sales</u> . For further information, contact the NYSDEC Division of Air Resources at (518) 457-7320.)				

Preventive Maintenance

One of the best means of reducing the amount water and the waste resulting from process material and product loss is through better preventive maintenance. In addition, preventive maintenance can reduce the levels of biological oxygen demand (BOD), suspended solids, oil, grease and fats that currently are present in your wastewater discharge. These wastewater characteristics adversely affect a Publicly Owned Treatment Works (POTWs) treatment capability and may be costing your facility more in discharge fees.

	Yes	No	Not Applicable	Can't Determine
Are storage and work areas clean and well organized?				
Are procedures and equipment in place to prevent raw material or product spills from occurring in outside areas?				
Is there loss of product due to improper or malfunctioning equipment (i.e., leaking lines, pumps, valves)?				
Is equipment such as refrigerators, freezers, or air conditioners checked and serviced on a regular basis to avoid breakdowns and reduce energy costs?				

	Yes	No	Not Applicable	Can't Determine
Can lighting or refrigeration systems be upgraded to increase energy efficiency? (The New York State Energy Research and Development Authority (NYSERDA) works with businesses, institutions, and municipalities to provide energy engineering and technical assistance. More information can be found on http://www.nyserda.org. In addition, the Environmental Protection Agency's Energy Star Buildings Partnership promotes energy efficiency in buildings. Participants are provided with unbiased technical information, customized support services, public relations assistance, and access to a broad range of resources and tools. More information can be found on http://www.epa.gov/buildings/ esbhome)				
Are you aware of the regulations issued under section 608 of the Clean Air Act pertaining to the recycling of refrigerants in stationary systems and to end the practice of venting refrigerants to the air? (Information on the regulations and related fact sheets are available from the EPA Stratospheric Ozone Hotline at 1-800-296-1996 and on their website at www.epa.gov/spdpublc/title6/608/608.html.)				
Do you have a water conservation program which includes items like shutting off water during breaks to prevent it from being left on while unattended?				
Have all leaks in pumps, piping, valves and tanks been repaired to conserve water?				
Are the storage containers for food material (i.e., waste, product or raw material) rigid, watertight and rodent proof?				

	Yes	No	Not Applicable	Can't Determine
Is your outside storage area for waste containers, product storage bins or cleaning chemicals covered and paved to reduce cleanup and potential discharges to storm drains? (This can be accomplished by constructing a roofed storage area or even using a tarp to cover drums.)				
Is your outside storage area for products, chemicals and waste designed to prevent runoff into storm drains?				
Have you considered storing materials inside a building?				
Are dumpsters and compactors inspected for leaks?				
Have employees been trained in the NYSDEC chemical and petroleum spill reporting requirements? (Contact your regional NYSDEC office for spill reporting guidance.)				

Pesticide Use

The control of insects, weeds, and other pests in and around your facility should have minimal impact on human health, the environment, and non-target organisms. The NYS Department of Environmental Conservation (NYSDEC) is the lead agency in New York for the regulation of the sale and use of pesticides. NYSDEC conducts public outreach activities and regulatory compliance assistance activities. Questions on pest management and the state pesticide regulatory program can be directed to the NYSDEC Central Office, Bureau of Pesticides Management, (518) 457-0917 or to any of the NYSDEC regional offices. (See the Resource Guide for a listing of NYSDEC Regional Offices.)

	Yes	No	Not Applicable	Can't Determine
Is your facility aware of NYSDEC regulatory and Commercial Pesticide Certification requirements in the Food Processing Category for all pesticide applications?				

	Yes	No	Not Applicable	Can't Determine
Have you developed and implemented an integrated pest management plan (IPM) that reduces to the greatest extent possible the use of chemical pesticides? (An integrated pest management plan is a systematic approach to managing pests that focuses on long-term prevention or suppression with minimal impact on human health, the environment, and non-target organisms. Contact NYSDEC, Bureau of Pesticides Management at (518) 457-0917 for an IPM resource guide.)				
Have employees been instructed in the facility's integrated pest-management policy and recognizing pest problems?				
Is it possible to reduce the amount of pesticide applications and/or use nonchemical pest control methods (i.e., trapping, exclusion)?				
Are the food preparation and storage areas within the facility clean and free from residues that would attract or harbor pests?				
Have all the structures on the premises been inspected to identify needed repairs that could reduce or prevent pest infestations?				
Have litter, waste refuse and uncut weeds and grass within the immediate vicinity of the building been removed to reduce attraction and harborage of rodents and insects?				
Is there proper water drainage around the building to prevent breeding grounds for insects?				

Food Banks

Donating non-perishable and unspoiled perishable food to a local food bank, shelter or soup kitchen is a beneficial way to help the community while also reducing food wastes. Excess food for donation can come from the employee cafeteria, special events, produce salvage, and aesthetically damaged, unsaleable food products that are otherwise safe to eat.

	Yes	No	Not Applicable	Can't Determine
Does your facility donate extra packaged products to a food bank, shelter or soup kitchen?				
Does your facility donate its unused food left over from conferences and banquet to a local food bank? (See Appendix A for a list of food banks.)				

P2 Pays

In 1991, the Anheuser-Busch Brewery in Baldwinsville, New York installed an innovative technology known as the Bio-Energy Recovery System (BERS). Before installing the BERS, the Baldwinsville brewery treated the waste from the brewing process by using only aerobic bacteria. This conventional system required significant quantities of electricity to pump oxygen into the wastewater so that the aerobic bacteria could function.

The BERS works by pumping wastewater into enclosed tanks that contain anaerobic biomass, which consumes the carbohydrates, proteins, and other organic materials produced by the brewing process. These materials are converted to biogas, primarily methane, which is piped to the brewery's boilers for fuel. The methane is used in the brewery's boilers and accounts for 10.5 percent of the boiler's fuel needs. The anaerobic process also reduces the release of carbon dioxide and the production of sludge from the treatment process. In addition, remaining wastewater sludge from the treatment system is composted on-site, and then sold as a soil conditioner for landscapers, developers, gardeners, and athletic field needs in the Northeast.

This advanced technology was developed by Anheuser-Busch in the 1980s; the company has installed the system at eight of its twelve domestic breweries, as well as both of its two overseas breweries. For more information on BERS and other environmental programs, visit www.abenvironment.com

NEXT STEPS

Following completion of the self-assessment, you should have a list of operational areas where there are opportunities for pollution prevention. The next step is to obtain additional information to allow you to explore these opportunities and to determine which are cost effective and technically feasible without reducing service quality. A good first step is to consult the publications listed under references. You should check with vendors and request information about supplies and equipment that are more "environmentally friendly." Other sources of information regarding pollution prevention are trade organizations and local, state and federal programs listed under the "A Resource Guide" on page 16.

RESOURCE GUIDE

The following organizations provide technical assistance, publish information, conduct workshops and conferences, and provide telephone and on-site information on pollution prevention and better management of air, water, solid and hazardous waste issues.

Trade Organizations

New York Apple Association 7645 Main Street P.O. Box 350 Fishers, New York 14450-0350 Phone: (716) 924-2171 Fax: (716) 924-1629 Internet: http://www.applecountry.com

American Frozen Food Institute 2000 Corporate Ridge, Suite 1000 McLean, Virginia 22102 Phone: (703) 821-0770 Fax: (703) 821-1350 Internet: http://www.affi.com

New York State Farm Bureau RT 9W, P.O. Box 992 Glenmont, New York 12077-0992 Phone:(518) 436-8495 Internet: http://www.nyfb.org

National Food Processors Association 1350 I Street, NW Suite 300 Washington, DC 20005 Phone: (202) 639-5900 Fax: (202) 639-5932 Internet: http://www.nfpa-food.org New York State Restaurant Association 455 New Karner Road Albany, New York 12205 Phone: (518) 452-4222 or (800) 452-5212 Internet: http://www.nysra.org

American Meat Institute 1700 North Moore Street, Suite 1600 Arlington, Virginia 22209 Phone: (703) 841-2400 Fax: (703) 527-0938 Internet: http://www.meatami.org

American Dairy Products Institute 300 West Washington Street, Suite 400 Chicago, Illinois 60606-1704 Phone: (312) 782-4888 Fax: (312) 782-5299 Internet: http://www.americandairyproducts.com

United Fresh Fruit & Vegetable Association 727 North Washington Street Alexandria, VA 22314 Phone: (703) 836-3410 Fax: (703) 836-7745 Internet: http://www.uffva.org

National Renderers Association 801 N. Fairfax Street, Suite 207 Alexandria, Virginia 22314 Phone: (703) 683-0155 Fax: (703) 683-2626 Internet: http://www.renderers.org

Local Assistance

NEW YORK STATE:

University at Buffalo Center for Integrated Waste Management Jarvis Hall, Room 207 Buffalo, NY 14260-4400 Phone: (716) 645-3446, Ext. 2340 Fax: (716) 645-3667

METROPOLITAN AREA:

NYC Dept. of Environmental Protection Environmental Economic Development Assistance Unit 59-17 Junction Boulevard, 11th Floor Corona, NY 11368-5107 Phone: (718) 595-4462 Fax: (718) 595-4479

MONROE COUNTY:

Monroe County Department of Environmental Services 444 East Henrietta Road, Bldg., #15 Rochester, NY 14620 Phone: (716) 760-7523 Fax: (716) 324-1213

ONONDAGA COUNTY:

Onondaga County Resources Recovery Agency 100 Elwood Davis Road North Syracuse, NY 13212 Phone: (315) 453-2866 Fax: (315) 453-2872 Hotline #: (315) 453-2870

BROOME COUNTY:

Broome County Division of Solid Waste Management Edwin L. Crawford County Office Building P.O. Box 1766 44 Hawley Street Binghamton, NY 13902 Phone: (607) 778-2250 Fax: (607) 778-2395

ERIE COUNTY:

Erie County Department of Environment & Planning Office of Pollution Prevention 95 Franklin Street, Room 1077 Buffalo, NY 14202-3973 Phone: (716) 858-7583 Fax: (716) 858-7713

CHAUTAUQUA, CATTARAUGUS AND

<u>ALLEGANY COUNTIES:</u> The Southwestern New York Environmental Compliance Network Jamestown Community College 525 Falconer Street, P.O. Box 20 Jamestown, NY 14702-0020 Phone: (716) 665-5220, Ext. 446 Fax: (716) 665-2585

The Center for Business and Industry SUNY at Fredonia Lograsso Hall Fredonia, NY 14063 Phone: (716) 673-3177 Fax: (716) 673-3175

New York State Department of Environmental Conservation

Pollution Prevention Unit

Phone: (518) 457-2553 Small Quantity Generator P2 Hotline (800) 462-6553, Out of State: (518) 485-8471 This technical assistance unit provides P2 information, develops industry sector manuals and other publications, offers workshops/training, holds annual pollution prevention conferences, coordinates NYS Governor's P2 Awards, and prepares annual toxic release inventory (TRI) reports. http://www.dec.state.ny.us/website/ppu

Division of Solid and Hazardous Materials

Bureau of Hazardous Waste Management (518) 485-8988

Responsible for making hazardous waste determinations, for reviewing hazardous waste reduction plans, hazardous waste permitting, and for hazardous waste compliance.

http://www.dec.state.ny.us/website/dshm

Bureau of Waste Reduction & Recycling (518) 457-7337

Responsible for the beneficial use program, the composting program, the waste tire program, and other solid waste recycling and waste reduction issues. http://www.dec.state.ny.us/website/

dshm/redrecy

Bureau of Pesticide Management (518) 457-0917

The NYSDEC is the lead agency in New York for regulating the sale and use of pesticides. Public outreach activities and regulatory compliance assistance activities are conducted. http://www.dec.state.ny.us/website/pesticid/

pesticid.htm

Division of Water

Bureau of Water Permits (518) 457-0656 Responsible for managing the State Pollutant Discharge Elimination System (SPDES) permits, the SPDES program for storm water discharges, the water resources programs and the municipal water supply permits. http://www.dec.state.ny.us/website/dow

Division of Environmental Remediation

Bureau of Spill Prevention and Response (518) 457-9412

Responsible for the registration of tanks, presenting workshops and training, developing publications, receiving spill notifications, and serves as an information clearing house for industries and the public. http://www.dec.state.ny.us/website/der

Spill Response Hotline

(800) 457-7362 (within NYS)

(518) 457-7362 (outside of NYS) To report releases of petroleum products or hazardous substances to air, land or water in New York State. Regulations require reporting within two hours if certain conditions are not met. Also, the National Response Center should be notified (see listing on page 20).

Petroleum Bulk Storage Hotline

(888) 457-4351 Provides technical assistance on chemical and petroleum aboveground and underground storage tanks.

NYSDEC - Regional Office

REGION 1

Nassau & Suffolk Counties SUNY Campus Loop Road, Building 40 Stony Brook, NY 11790-2356 Phone: (516) 444-0354

REGION 2

Bronx, Kings, New York, Queens & Richmond Counties 1 Hunters Point Plaza 47-40 21st Street Long Island City, NY 11101-5407 Phone: (718) 482-4900

REGION 3

Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster & Westchester Counties 21 South Putt Corners Road New Paltz, NY 12561-1696 Phone: (914) 256-3000

REGION 4

Albany, Columbia, Delaware, Greene, Montgomery, Otsego, Rensselaer, Schenectady & Schoharie Counties 1150 Westcott Road Schenectady, NY 12306-2014 Phone: (518) 357-2234

REGION 5

Clinton, Essex, Franklin, Fulton, Hamilton, Saratoga, Warren & Washington Counties Route 86, PO Box 296 Ray Brook, NY 12977-0296 Phone: (518) 897-1200

REGION 6

Herkimer, Jefferson, Lewis, Oneida & St. Lawrence Counties State Office Building 317 Washington Street Watertown, NY 13601 Phone: (315) 785-2238

REGION 7

Broome, Cayuga, Chenango, Cortland, Madison, Onondaga, Oswego, Tioga & Tompkins Counties 615 Erie Blvd. W. Syracuse, NY 13204-2400 Phone: (315) 426-7400

REGION 8

Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne & Yates Counties 6274 East Avon-Lima Road Avon, NY 14414 Phone: (716) 226-2466

REGION 9

Allegany, Cattaraugus, Chautauqua, Erie, Niagara, & Wyoming Counties 270 Michigan Ave. Buffalo, NY 14203-2999 Phone: (716) 851-7000

Other State Agencies

Empire State Development (ESD),

Small Business Division, Clean Air Act Small Business Ombudsman 633 3rd Avenue, 32nd Floor New York, NY 10017 Phone: (800) STATENY Internet: http://www.empire.state.ny.us Assists in determining how regulations may affect a business and in communicating with state regulatory agencies; sets up workshops; and handles complaints.

<u>NYS Energy Research & Development</u> <u>Authority (NYSERDA)</u>

Corporate Plaza West 286 Washington Avenue Extension Albany, New York 12203-6399 Phone: (518) 862-1090 Fax: (518) 862-1091 Internet: http://www.nyserda.org Assesses industrial process and building system improvements; assists businesses in identifying existing technologies and equipment to reduce energy costs; and helps secure funding to implement energy efficient projects. Provides additional services aimed at assisting businesses in NYS.

NYS Environmental Facilities Corporation (EFC)

Small Business Assistance Program 50 Wolf Road, Albany, NY 12205 Hotline: (800) 780-7227 Phone: (518) 457-9135 Fax: (518) 485-8494 Provides fee-free technical assistance; interprets requirements; provides advice on pollution prevention and control strategies; and conducts environmental audits. Also provides fee-based contractual technical advisory services for a broad range of environmental issues.

NYS Department of Agriculture & Markets

1 Winners Circle Albany, New York 12235 Phone: (518) 457-3880 Internet: http://www.agmkt.state.ny.us Enforces New York State Agriculture and Markets Laws and Regulations concerning food safety and labeling, farm products inspection activities and the manufacture and distribution of animal, pet and speciality pet food.

Federal Assistance

<u>Pollution Prevention Information</u> <u>Clearinghouse</u>

Phone: (202) 260-1023 Fax: (202) 260-9780 E-mail:ppic@epamail.epa.gov Provides a library and an electronic bulletin board dedicated to information on pollution prevention.

<u>U.S. EPA Region II</u> <u>Compliance Assistance &</u> Program Support Branch

290 Broadway, 22nd Floor New York, NY 10007-1866 Phone: (212) 637-3268 Provides technical assistance and guidance on compliance, pollution prevention and waste minimization issues on a multimedia basis.

U.S. EPA Asbestos and Small Business Ombudsman Hotline

Phone: (800) 368-5888 Helps private citizens, small businesses and smaller communities with questions on all EPA program aspects.

National Response Center

Phone: (800) 424-8802 EPA's 24-hour hotline for reporting oil and chemical spills to the federal government. This hotline is operated by the U.S. Coast Guard.

<u>RCRA/Superfund/EPCRA Hotline</u>

Phone: (800) 424-9346 Provides information on matters related to solid waste, hazardous waste, or underground storage tanks. EPA publications can also be ordered.

Resources on the Internet

Organization

UFDA Center for Food Safety and http://vm.cfsan.fda.gov **Applied** Nutrition National Restaurant Association http://www.restaurant.org Empire State Restaurant & Tavern Association http://www.esrta.org Integrated Pest Management in New York State http://www.nysaes.cornell.edu/ipmnet/ny Food Processors Institute http://www.fpi-food.org US Environmental Protection Agency http://www.epa.gov/epaoswer/non-Office of Solid Waste hw/reduce/wastenot.htm United States Department of Agriculture http://www.usda.gov **Cornell Cooperative Extension** http://www.cce.cornell.edu American Dairy Products Institute http://americandairyproducts.com National Pollution Prevention Roundtable http://www.es.epa.gov/nppr **Tellus** Institute http://www.tellus.org Waste Reduction Resource Center http://www.owr.ehnr.state.nc.us NEW YORK STATE Empire State Development Services to Business http://www.empire.state.ny.us NYS Department of Environmental Conservation http://www.dec.state.ny.us **NYS Environmental Facilities Corporation** http://www.nysefc.org U.S. ENVIRONMENTAL **PROTECTION AGENCY** Common Sense Initiative http://www.epa.gov/commonsense Design for the Environment http://earth2.epa.gov/dfore Enviro\$en\$e http://epa.gov/envirosense/nppr/index.html Office of Mobile Sources http://www.epa.gov/omswww Office of Underground Storage Tanks http://www.epa.gov/swerust1 Small Business Assistance Program http://www.epa.gov/tnn/sbap Technology Transfer Network http://www.epa.gov/tnn

Internet Address

U.S. DEPARTMENT OF ENERGY Pollution Prevention Information Clearinghouse

PACIFIC NORTHWEST LABORATORIES Green Guide Pollution Prevention Resource Center http://epic.er.doe.gov/epic

http://bbs.pnl.gov:2080/esp/greenguide http://pprc.pnl.gov/pprc

Appendix A - List of Food Banks and Food Providers

(This is not a complete listing of food banks or food providers; check your local phone directory for others that may be in your area.)

FOODLINK, Inc. 56 and 100 West Avenue Rochester, New York 14611 Phone: (716) 328-3380 Fax: (716) 328-9951 Internet: http://www.foodlink.org

Food Pantries - Capital District 340 1st Street Albany, New York 12206-3100 Phone: (518) 462-3459

Food for Survival, Inc. 355 Food Center Drive Bronx, New York 10474-7000 Phone: (718) 991-4300 Fax: (718) 893-3442

Food Bank - Southern Tier 945 County Road 64 Elmira, New York 14903-6061 Phone: (607) 796-6061 Fax: (607) 796-6028

Food Bank of the Hudson Valley 2010 Route 9W Milton, New York 12547-5021 Phone: (914) 795-2325

FOODSHARE - People to People 261 Mountainview Avenue Nyack, New York 10960 Phone: (914) 358-4606 Fax: (914) 353-3966 The Food Bank of Western New York 91-95 Holt Street Buffalo, New York 14206-2293 Phone: (716) 852-1305 Fax: (716) 852-1305 Internet: http://www.fbwny.org

Food Bank Union Street Utica, New York 13501-7213 Phone: (315) 724-7213

Food Patch, Inc. 358 Saw Mill River Road #13 Millwood, New York 10546-1045 Phone: (914) 923-1100 Fax: (914) 923-1198

City Harvest 159 W 25th Street, Floor 10 New York, New York 10001-7201 Phone: (212) 463-0456 Fax: (212) 727-2439

Food Shuttle of Western New York, Inc. 100 St. Gregory Court Williamsville, New York 14221 Phone: (716) 688-2527

Long Island Cares Regional Food Bank Pilgrim Center West Brentwood, New York 11717 Phone: (516) 435-0454 Fax: (516) 273-2184 Regional Food Bank of Northeastern New York 965 Albany-Shaker Road Latham, New York 12110-1478 Phone: (518) 786-3691 Fax: (518) 786-3004

C.H.O.W. 81 Main Street Binghamton, New York 13905 Phone: (607) 724-9130 Fax: (607) 724-9148 Heart and Soul 1501 Pierce Ave. Niagara Falls, New York 14301 Phone: (914) 358-4606 Fax: (914) 353-4780

Island Harvest 199 Second Street Mineola, New York 11501 Phone: (561) 294-8528 Fax: (561) 747-6843

Food Bank of Central New York 6970 Schuyler Road East Syracuse, New York 1305-9749 Phone: (315) 437-1899 Fax: (15) 434-9629 Internet: http://www.foodbankcny.org

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