



Massachusetts Department of Environmental Protection  
Source Water Assessment and Protection (SWAP) Report  
for  
**Lynn Water and Sewer Commission**

### What is SWAP?

The Source Water Assessment Program (SWAP), established under the federal Safe Drinking Water Act, requires every state to:

- inventory land uses within the recharge areas of all public water supply sources;
- assess the susceptibility of drinking water sources to contamination from these land uses; and
- publicize the results to provide support for improved protection.

### Susceptibility and Water Quality

Susceptibility is a measure of a water supply's potential to become contaminated due to land uses and activities within its recharge area.

A source's susceptibility to contamination does *not* imply poor water quality.

Water suppliers protect drinking water by monitoring for more than 100 chemicals, disinfecting, filtering, or treating water supplies, and using source protection measures to ensure that safe water is delivered to the tap.

Actual water quality is best reflected by the results of regular water tests. To learn more about your water quality, refer to your water supplier's annual Consumer Confidence Reports.

**Table 1: Public Water System Information**

<i><b>PWS Name</b></i>	Lynn Water & Sewer Commission
<i><b>PWS Address</b></i>	390 Parkland Avenue
<i><b>City/Town</b></i>	Lynn, Massachusetts 01905
<i><b>PWS ID Number</b></i>	3163000
<i><b>Local Contact</b></i>	Richard Dawe – Superintendent
<i><b>Phone Number</b></i>	(781) 595-5491

## Introduction

We are all concerned about the quality of the water we drink. Drinking water sources may be threatened by many potential contaminant sources, including storm runoff, road salting, and improper disposal of hazardous materials. Citizens and local officials can work together to better protect these drinking water sources.

### Purpose of this report:

This report is a planning tool to support local and state efforts to improve water supply protection. By identifying land uses within water supply protection areas that may be potential sources of contamination, the assessment helps focus protection efforts on appropriate best management practices (BMPs) and drinking water source protection measures.

Refer to Table 3 for Recommendations to address potential sources of contamination. Department of Environmental Protection (DEP) staff are available to provide information about funding and other resources that may be available to your community.

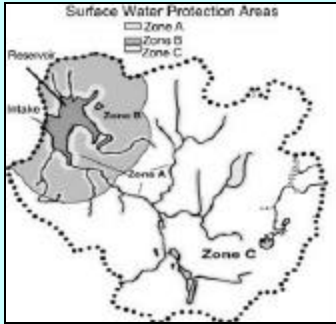
### This report includes the following sections:

1. Description of the Water System
2. Land Uses within Protection Areas
3. Emergency Planning Recommendations for Class B River Intakes
4. Source Water Protection
5. Appendices

## Section 1: Description of the Water System

### What is a Watershed?

A watershed is the land area that catches and drains rainwater down-slope into a river, lake or reservoir. As water travels down from the watershed area it may carry contaminants from the watershed to the drinking water supply source. For protection purposes, watersheds are divided into protection Zones A, B and C.



### Surface Water Sources

Source Name	Source ID #	Susceptibility
Breeds Pond	3163000-01S	High
Hawkes Pond	3163000-02S	High
Birch Pond	3163000-03S	Moderate
Walden Pond	3163000-04S	Moderate
Ipswich River	3163000-05S	High
Saugus River	3163000-06S	High

The Lynn Water and Sewer Commission (Lynn) maintains and operates six (6) public water supply sources. The reservoirs for Lynn are located within four separate water supply protection areas, with Breeds Pond (3163000-01S) being entirely in Lynn; Hawkes Pond (3163000-02S) being in Lynnfield and Saugus; Birch Pond (3163000-03S) being in Lynn and Saugus; and, Walden Pond (3163000-04S) being in Lynn, Lynnfield, and Saugus. The intake and pump station for the Ipswich River (3163000-05S) is in Lynnfield. The intake and canal for the Saugus River (3163000-06S) is in Lynnfield.

For current information on monitoring results and treatment, please contact the Public Water System contact person listed above in Table 1 for a copy of the most recent Consumer Confidence Report. Drinking water monitoring reporting data is also available on the web at <http://www.epa.gov/safewater/ccr1.html>

### Class B Drinking Water Sources

There are twelve Class B drinking water sources on rivers in Massachusetts, eleven in the urbanized northeast and one in the western part of the State. Three of these sources are located on the Ipswich River, and one is located on the

Saugus River. The large watersheds and historically urbanized land uses associated with major rivers makes source protection a challenge at the Class B sources.

A Class B water body source such as the Ipswich River does not have Zone A, B and C protection areas, as do Class A water body sources. For the purposes of the SWAP assessments, a 400 foot setback area along the river and all feeder streams has been delineated for Class B water body sources that is referred to as an "Emergency Planning Zone". Land uses and activities within this zone are of particular concern for source protection and emergency planning because of their proximity to the water supply.

River drinking water sources are particularly susceptible to spills and accidental releases from public and private discharges; accidents related to vehicles, railroads, airports, boats; utility easements; fixed site releases at industrial and public facilities; inappropriate use of pesticides and fertilizers; improper disposal of hazardous household waste; and illegal dumping of a variety of substances.

This assessment has been conducted on the watershed area upstream of the Lynn intakes. In addition, DEP has delineated a 400-foot emergency planning zone (shown on the GIS map that accompanies this report) adjacent to the river and its tributaries for the purpose of this assessment.

### Glossary Protection Zones

**Zone A:** is the most critical for protection efforts. It is the area 400 feet from the edge of the reservoir and 200 feet from the edge of the tributaries (rivers and/or streams) draining into it.

**Zone B:** is the area one-half mile from the edge of the reservoir but does not go beyond the outer edge of the watershed.

**Zone C:** is the remaining area in the watershed not designated as Zones A or B.

The attached map shows Zone A and your watershed boundary.

## Section 2: Land Uses in the Protection Areas

The watersheds for the Lynn reservoirs, the Saugus River and the Ipswich River intakes are primarily a mixture of forest and residential use, with a small portion consisting of agricultural, commercial, and industrial land uses (refer to attached map for details). Land uses and activities that are potential sources of contamination are listed in Table 2, with further detail provided in the Table of Regulated Facilities and Table of Underground Storage Tanks in Appendix B.

### Key Land Uses and Protection Issues include:

1. Activities in Zone A and Emergency Planning Zone
2. Chemical and Hazardous Materials Manufacture, Storage and Use
3. Residential Land Uses
4. Transportation Corridors
5. Road and Maintenance Depots
6. Golf Courses
7. Oil or Hazardous Material Contamination Sites
8. Comprehensive Surface Water Protection Planning

The ranking of susceptibility to contamination for Breeds Pond, Hawkes Pond, the Ipswich River, and the Saugus River is high, based on the presence of at least one high threat land use within the water supply protection areas, as seen in Table 2. The ranking of susceptibility to contamination for Birch Pond and Walden Pond is moderate, based on the presence of at least one moderate threat land use within the water supply protection areas, as seen in Table 2.

**1. Activities in Zone A and Emergency Planning Zone** - A Zone A for a reservoir includes all areas within 400 feet of the reservoir shore line and within 200 feet of either side of all streams and feeder ponds that flow into the reservoir.

The Emergency Planning Zone is a 400 foot setback on either side of the river and all tributaries to a Class B river intake. Land use activities within a Zone A or Emergency Planning Zone may have an impact on surface water sources. Existing and future land use activities which may have an impact on surface water sources include: on-site septic systems; public and private recreational activities; untreated stormwater runoff; domestic animals; new construction; spills along roads; above ground and underground storage tanks; erosion; and, un-permitted and unauthorized activities. Also, wild animals and domestic pets can be carriers of waterborne diseases such as Giardia, Cryptosporidium, Salmonella, etc.

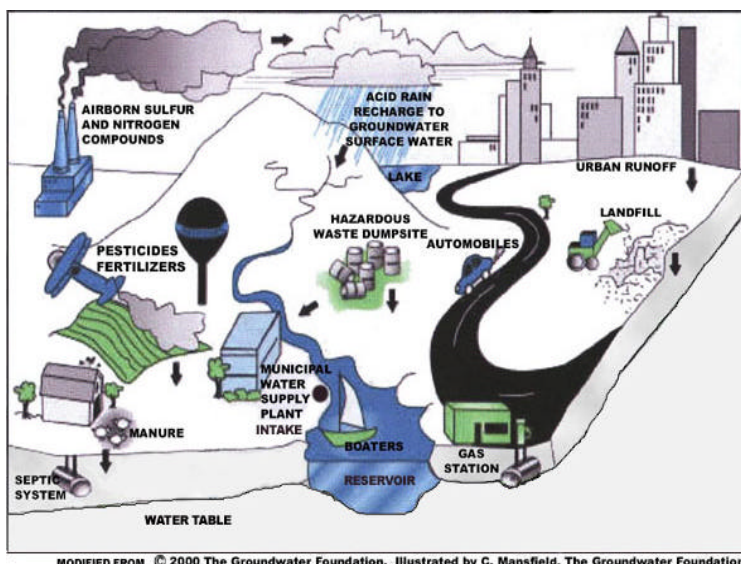


Figure 1: Sample watershed with examples of potential sources of contamination

### What are "BMPs?"

Best Management Practices (BMPs) are measures that are used to protect and improve surface water and groundwater quality. BMPs can be structural, such as oil & grease trap catch basins, nonstructural, such as hazardous waste collection days or managerial, such as employee training on proper disposal procedures.

### Class B River Intakes

Class B water sources do not have Zone A, B and C protection areas as the Class A sources do. For the purposes of this report, an "Emergency Planning Zone" has been delineated. The **Emergency Planning Zone** is the land area within 400 feet of both sides of the river including all tributary streams and surface water bodies.

### Zone A Recommendations:

Work with communities within the combined watersheds to:

- ✓ To the extent possible, remove all activities from the Zone As to comply with DEP's Zone A requirements.
- ✓ Use BMPs for the storage, use, and disposal of hazardous materials.
- ✓ Storage of pesticides, fertilizers or road salt within the Zone A and Emergency Planning Zone should be covered and contained.
- ✓ Keep any new prohibited activities out of the Zone A.
- ✓ Identify stormwater drains and the drainage system along transportation corridors. Work to better manage stormwater by pre-treating contaminated stormwater and/or redirecting stormwater outside of the Zone A and Emergency Planning Zone.

- ✓ Continue your efforts to protect these areas and to monitor and review activities within the Zone A and Emergency Planning Zone.

**2. Chemical and Hazardous Materials Manufacture, Storage and Use –** Many large and small businesses use hazardous materials, produce hazardous waste products, and/or store large quantities of hazardous materials in Underground Storage Tanks (UST)/Aboveground Storage Tanks (AST). Although many facilities within the watershed use best management practices (BMPs), hazardous materials and waste can be unexpectedly released through spills, leaks or improper handling or storage, and become potential sources of contamination. Hazardous materials should never be disposed of to a septic system or floor drain leading directly to the ground.

**Hazardous Materials Storage and Use Recommendations:**

Work with communities within the combined watersheds to:

- ✓ Educate local businesses on BMPs for protecting water supplies, and encourage them to use BMPs for handling, storing and disposing of hazardous waste. Distribute the fact sheet “Businesses Protect Drinking Water” available in Appendix A and on [www.mass.gov/dep/brp/dws/protect.htm](http://www.mass.gov/dep/brp/dws/protect.htm), which provides BMPs for common business issues.
- ✓ Work with local businesses to register those facilities that are unregistered generators of hazardous waste or waste oil. Partnerships between businesses, water suppliers, and communities enhance successful public drinking water protection practices.
- ✓ Educate local businesses on Massachusetts floor drain requirements. See brochure “Industrial Floor Drains” for more information.
- ✓ Continue monitoring water quality in the Ipswich River.
- ✓ Continue to plan and prepare for spills by communicating with municipalities and facilities in the Ipswich River watershed, and by conducting drills.

**Benefits  
of Source Protection**

Source Protection helps protect public health and is also good for fiscal fitness:

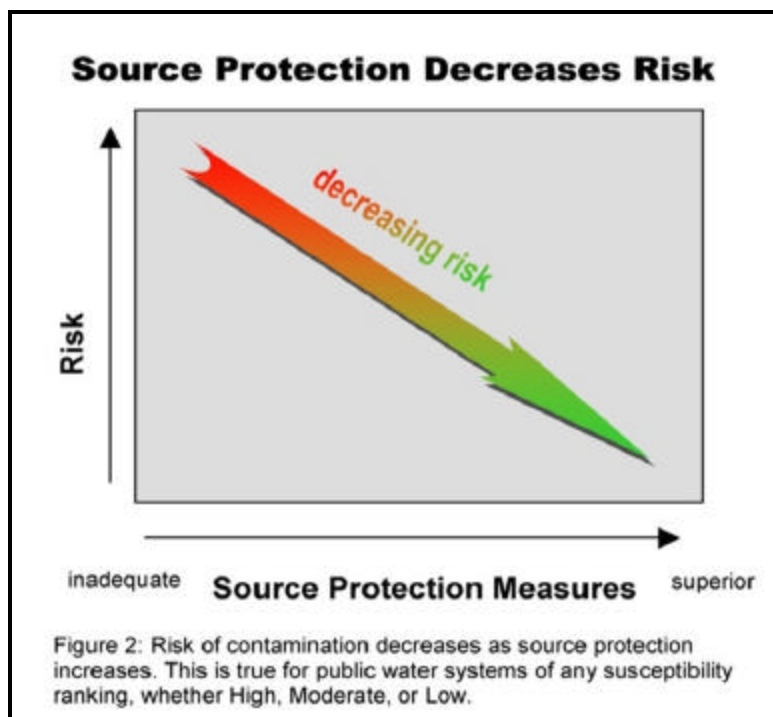
- Protects drinking water quality at the source
- Reduces monitoring costs through the DEP Waiver Program
- Treatment can be reduced or avoided entirely, saving treatment costs
- Prevents costly contamination clean-up
- Preventing contamination saves costs on water purchases, and expensive new source development

Contact your regional DEP office for more information on Source Protection and the Waiver Program.

**3. Residential Land Uses –** Approximately 50% of the combined watersheds consist of residential areas, of which a large portion is served by private septic systems, with the remainder being served by municipal sewerage. If managed improperly, activities associated with residential areas can contribute to drinking water contamination. Common potential sources of contamination include:

- **Septic Systems** – Improper disposal of household hazardous chemicals to septic systems is a potential source of contamination to the groundwater because septic systems lead to the ground. If septic systems fail or are not properly maintained, they can be a potential source of microbial contamination.
- **Household Hazardous Materials** - Hazardous materials may include automotive wastes, paints, solvents, pesticides, fertilizers, and other substances. Improper use, storage, and disposal of chemical products used in homes are potential sources of contamination.
- **Heating Oil Storage** - If managed improperly, Underground and Aboveground Storage Tanks (USTs and ASTs) can be potential sources of contamination due to leaks or spills of the fuel oil they store.

(Continued on page 8)



### Potential Source of Contamination vs. Actual Contamination

The activities listed in Table 2 are those that typically use, produce, or store contaminants of concern, which, if managed improperly, are potential sources of contamination (PSC).

It is important to understand that a release may never occur from the potential source of contamination provided facilities are using best management practices (BMPs). If BMPs are in place, the actual risk may be lower than the threat ranking identified in Table 2. Many potential sources of contamination are regulated at the federal, state and/or local levels, to further reduce the risk.

**Table 2: Land Use in the Watershed**

For more information, refer to Appendix B: Regulated Facilities within the Water Supply Protection Area

Land Uses	Quantity Zone C	Threat	Source ID #	Quantity Ipswich/ Saugus Watershed	Potential Contaminant Sources*
<b>Agricultural</b>					
Fertilizer Storage or Use	--	M	05S, 06S	Few	Leaks, spills, improper handling, or over-application of fertilizers
Pesticide Storage or Use	--	H	05S, 06S	Few	Leaks, spills, improper handling, or over-application of pesticides
<b>Commercial</b>					
Body Shops	--	H	05S, 06S	6	Improper management of vehicle paints, solvents, and primer products
Gas Stations	1	H	02S, 05S, 06S	31	Spills, leaks, or improper handling or storage of automotive fluids and fuels
Service Stations/ Auto Repair Shops	2	H	02S, 05S, 06S	17	Spills, leaks, or improper handling of automotive fluids and solvents
Bus and Truck Terminals	--	H	05S	5	Spills, leaks, or improper handling of fuels and maintenance chemicals
Cemeteries	1	M	02S, 05S, 06S	Several	Leaks, spills, improper handling, or over-application of pesticides; historic embalming fluids
Dry Cleaners	--	H	05S	1	Spills, leaks, or improper handling of solvents and wastes
Golf Courses	1	M	01S, 02S, 05S	4	Over-application or improper handling of fertilizers or pesticides
Medical Facilities	--	M	05S, 06S	6	Spills, leaks, or improper handling or storage of biological, chemical, and radioactive wastes
Photo Processors	--	H	05S	1	Spills, leaks, or improper handling or storage of photographic chemicals
Printer and Blueprint Shops	--	M	05S, 06S	2	Spills, leaks, or improper handling or storage of printing inks and chemicals
Railroad Tracks and Yards	--	H	05S, 06S	Few	Over-application or improper handling of herbicides, leaks or spills of transported chemicals and maintenance chemicals; fuel storage

Land Uses	Quantity Zone C	Threat	Source ID #	Quantity Ipswich/ Saugus Watershed	Potential Contaminant Sources*
<b>Commercial</b>					
Repair Shops (Engine, Appliances, Etc.)	--	H	05S	2	Spills, leaks, or improper handling or storage of engine fluids, lubricants, and solvents
Sand and Gravel Mining/Washing	--	M	05S	1	Spills or leaks from heavy equipment, fuel storage, clandestine dumping
<b>Industrial</b>					
Asphalt, Coal Tar, and Concrete Plants	--	M	05S	1	Spills, leaks, or improper handling or storage of hazardous chemicals and wastes
Fuel Oil Distributors	1	H	02S, 06S	1	Spills, leaks, or improper handling or storage of fuel oil
Hazardous Materials Storage	--	H	05S	2	Spills, leaks, or improper handling or storage of hazardous materials
Hazardous Waste Storage, Treatment and Recycling	--	H	06S	1	Spills, leaks, or improper handling or storage of hazardous materials
Industry/Industrial Parks	--	H	05S	9	Spills, leaks, or improper handling or storage of industrial chemicals and metals
<b>Residential</b>					
Fuel Oil Storage (at residences)	100+	M	All	100+	Spills, leaks, or improper handling of fuel oil
Lawn Care/Gardening	100+	M	All	100+	Over-application or improper storage and disposal of pesticides
Septic Systems/Cesspools	100+	M	All	100+	Microbial contaminants, and improper disposal of hazardous chemicals
<b>Miscellaneous</b>					
Aboveground Storage Tanks	--	M	06S	5	Spills, leaks, or improper handling of materials stored in tanks
Aquatic Wildlife	100+	L	All	100+	Microbial contaminants
Large Quantity Hazardous Waste Generators	--	H	05S	3	Spills, leaks, or improper handling or storage of hazardous materials and waste
Landfills and Dumps	1	H	01S	2	Seepage of leachate
Military Facilities (Past And Present) Type: former NIKE Sites	--	H	06S	1	Spills, leaks, or improper handling or storage of pesticides and herbicides, fuel, chemicals and other materials; may include ordnance or waste landfill/dump sites
NPDES Locations	1	L	01S, 05S	2	Improper disposal of hazardous material and wastes

Land Uses	Quantity Zone C's	Threat	Source ID #	Quantity Ipswich/ Saugus Watershed	Potential Contaminant Sources*
<b>Miscellaneous</b>					
Oil or Hazardous Material Sites	2	--	02S, 05S, 06S	44	Tier Classified Oil or Hazardous Materials Sites are not ranked due to their site-specific character. Individual sites are identified in Appendix B.
Road and Maintenance Depots	1	M	01S, 05S, 06S	3	Spills, leaks, or improper handling or storage of de-icing materials, automotive fluids, fuel storage, and other chemicals
Schools, Colleges, and Universities	--	M	05S, 06S	Few	Spills, leaks, or improper handling or storage of fuel oil, laboratory, art, photographic, machine shop, and other chemicals
Small Quantity Hazardous Waste Generators	1	M	02S, 05S, 06S	14	Spills, leaks, or improper handling or storage of hazardous materials and waste
Stormwater Drains	100+	L	01S, 02S, 04S, 05S, 06S	100+	Debris, pet waste, and chemicals in stormwater from roads, parking lots, and lawns
Transmission Line Rights-of-Way	1	L	02S, 05S, 06S	8	Construction and corridor maintenance, over-application or improper handling of herbicides
Transportation Corridors	3	M	02S, 03S, 05S, 06S	Several	Accidental leaks or spills of fuels and other hazardous materials, over-application or improper handling of pesticides
Underground Storage Tanks	14	H	01S, 02S, 05S, 06S	119	Spills, leaks, or improper handling of stored materials
Very Small Quantity Hazardous Waste Generators	2	L	02S, 05S, 06S	49	Spills, leaks, or improper handling or storage of hazardous materials and waste
Water Treatment Sludge Lagoons	--	M	05S	Few	Improper management of sludge and wastewater
<b>Notes:</b> <ol style="list-style-type: none"> <li>When specific potential contaminants are not known, typical potential contaminants or activities for that type of land use are listed. Facilities within the watershed may not contain all of these potential contaminant sources, may contain other potential contaminant sources, or may use Best Management Practices to prevent contaminants from reaching drinking water supplies.</li> <li>For more information on regulated facilities, refer to Appendix B: Regulated Facilities within the Water Supply Protection Area information about these potential sources of contamination.</li> <li>For information about Oil or Hazardous Materials Sites in your protection areas, refer to Appendix C: Tier Classified Oil and/or Hazardous Material Sites.</li> </ol> <p>* <b>THREAT RANKING</b> - The rankings (high, moderate or low) represent the relative threat of each land use compared to other PSCs. The ranking of a particular PSC is based on a number of factors, including: the type and quantity of chemicals typically used or generated by the PSC; the characteristics of the contaminants (such as toxicity, environmental fate and transport); and the behavior and mobility of the pollutants in soils and groundwater.</p>					

- **Stormwater** – Catch basins transport stormwater from roadways and adjacent properties to the ground. As flowing stormwater travels, it picks up debris and contaminants from streets and lawns. Common potential contaminants include lawn chemicals, pet waste, and contaminants from automotive leaks, maintenance, washing, or accidents.

#### **Residential Land Use Recommendations:**

Work with communities within the combined watersheds to:

- ✓ Educate residents on best management practices (BMPs) for protecting water supplies. Distribute the fact sheet “Residents Protect Drinking Water” available in Appendix A and on [www.mass.gov/dep/brp/dws/protect.htm](http://www.mass.gov/dep/brp/dws/protect.htm), which provides BMPs for common residential issues.
- ✓ Work with planners to control new residential developments in the water supply protection areas.
- ✓ Promote BMPs for stormwater management and pollution controls.

**4. Transportation Corridors** - Several major transportation corridors and other paved and unpaved local roads cross through the

watersheds. Spills from vehicular accidents are a major concern. In addition, roadway construction, maintenance, and typical highway use can all be potential sources of contamination.

Accidents can lead to spills of gasoline and other potentially dangerous transported chemicals. Roadways are frequent sites for illegal dumping of hazardous or other potentially harmful wastes. De-icing salt, automotive chemicals and other debris on roads are picked up by stormwater and wash into catch basins. The steep topography of the watershed results in application of de-icing materials to protect public health and safety by keeping the roads passable.

#### **Transportation Corridor Recommendations:**

Work with communities within the combined watersheds to:

- ✓ Identify stormwater drains and the drainage system along transportation corridors.
- ✓ Work with the Towns and State to have catch basins inspected, maintained, and cleaned on a regular schedule.
- ✓ Work with local emergency response teams to ensure that any spills can be effectively contained.
- ✓ If storm drainage maps are available, review the maps with emergency response teams. If maps aren’t yet available, work with town officials to investigate mapping options such as the upcoming Phase II Stormwater Rule requiring some communities to complete stormwater mapping.
- ✓ Establish vegetated buffers along roads and parking areas to provide some filtration of contaminants.
- ✓ Encourage regular street sweeping. Appendix A contains a fact sheet titled *DPWs Protect Drinking Water*.
- ✓ Conduct emergency drills to be ready for spills.
- ✓ Regularly inspect the watersheds for illegal dumping and spills.
- ✓ Work with local emergency response teams to ensure that any spills can be effectively contained.

**5. Road and Maintenance Depots** - Potential sources of contamination in state and municipal facilities can result from accidental dumping, spills, leaks, vehicle washing operations, or from wastewater treatment. Waste management and product storage pose the greatest threats with a wide variety of potentially harmful contaminants.

#### **Road and Maintenance Depots Recommendations:**

Work with communities within the combined watersheds to:

- ✓ Institute **Best Management Practices** - The New England Environmental Assistance Team provides municipalities in New England with information on how to comply with environmental requirements, and how to

**When you fertilize the lawn,  
Remember  
you’re not *just* fertilizing the lawn.**



It's hard to imagine that a green, flourishing lawn could pose a threat to the environment, but the fertilizers you apply to your lawn are potential pollutants! If applied improperly or in excess, fertilizer can be washed off your property and end up in lakes and streams. This causes algae to grow, which uses up oxygen that fish need to survive. So if you fertilize, please follow directions and use sparingly.



The Massachusetts Department of Environmental Protection, One Winter Street, Boston, MA 02108

prevent pollution. For more information about this EPA sponsored program visit their website at <http://www.epa.gov/region1/steward/necat/muni/index.html>. Encourage road and maintenance depots to develop best management practices to ensure proper salt storage, proper maintenance of facilities and good housekeeping practices.

- ✓ Adequately size salt pile structure to allow for the loading and unloading of salt within the structure. Review the Department of Environmental Protection's Drinking Water Program Guidelines On Deicing Chemical (Road Salt) Storage at <http://www.state.ma.us/dep/brp/dws/files/saltgui.doc>.
- ✓ Encourage proper storage of materials at these facilities. Appendix A contains a fact sheet titled *DPWs Protect Drinking Water*.

**6. Golf Courses** - There are three golf courses within the assessment area. Potential contaminants include the over-application or improper handling of pesticides and fertilizers. Pesticides and fertilizers have the potential to contaminate a drinking water source if improperly stored, applied, or disposed. If managed improperly, Underground and Aboveground Storage Tanks (USTs and ASTs) can be potential sources of contamination due to leaks or spills of the fuel oil they store.

#### **Golf Courses Recommendations:**

Work with communities within the combined watersheds to:

- ✓ Encourage the golf course grounds manager to incorporate an Integrated Pest Management (IPM) approach into their grounds maintenance program. IPM is an ecologically-based approach to pest control that links together several related components, including monitoring and scouting, biological controls, mechanical and/or other cultural practices, and pesticide applications. By combining a number of these different methods and practices, satisfactory pest control can be achieved with less impact on the environment.
- ✓ Promote Best Management Practices (BMPs) for fuel oil storage, hazardous material handling, storage, disposal, and emergency response planning.
- ✓ Contact owners/operators about water supply awareness and protection.

**7. Presence of Oil or Hazardous Material Contamination Sites** – The watersheds for Lynn's reservoirs contain DEP Tier Classified Oil and/or Hazardous Material Release Site indicated on the map as Release Tracking Number 3-0016513. Refer to the attached maps and Appendix C for DEP Tier Classified Oil and/or Hazardous Material Release Sites within the watersheds for the Ipswich River and the Saugus River.

#### **Oil or Hazardous Material Contamination Sites Recommendation:**

- ✓ Monitor progress on any ongoing remedial action conducted for the known oil or contamination sites.

**8. Protection Planning** – Protection planning protects drinking water by managing the land area that supplies water to a reservoir. Currently, the City of Lynn is in the process of developing a Watershed Protection Plan; however, the watershed towns do not have water supply protection controls that meet DEP's Surface Water Protection regulations 310 CMR 22.20 (b) and (c). A Surface Water Supply Protection Plan coordinates community efforts, identifies protection strategies, establishes a timeframe for implementation, and provides a forum for public participation. There are resources available to help communities develop a plan for protecting drinking water supply reservoirs.

#### **Protection Planning Recommendations:**

Work with communities within the combined watersheds to:

- ✓ Develop a Surface Water Protection Plan. Establish a protection team, and refer them to <http://mass.gov/dep/brp/dws/protect.htm> for a copy of DEP's guidance, "Developing a Local Surface Water Protection Plan".
- ✓ Encourage watershed towns to adopt controls that meet 310 CMR 22.20 (b) and (c). For more information on DEP land use controls see <http://mass.gov/dep/brp/dws/protect.htm>.
- ✓ Continue to work with town boards to review and provide recommendations on proposed development within your water supply protection areas. To obtain information on build-out analyses for the towns, see the Executive Office of Environmental Affairs' community preservation web site, <http://commpres.env.state.ma.us/>.

#### **Top 5 Reasons to Develop a Local Surface Water Protection Plan**

- ➊ Reduces Risk to Human Health
- ➋ Cost Effective! Reduces or Eliminates Costs Associated With:
  - ♦ Increased monitoring and treatment
  - ♦ Water supply clean up and remediation
  - ♦ Replacing a water supply
  - ♦ Purchasing water
- ➌ Supports municipal bylaws, making them less likely to be challenged
- ➍ Ensures clean drinking water supplies for future generations
- ➎ Enhances real estate values – clean drinking water is a local amenity. A community known for its great drinking water in a place people want to live and businesses want to locate.

**Table 3: Current Protection and Recommendations**

Protection Measures	Status	Recommendations
<b>Zone A</b>		
Does the Public Water Supplier (PWS) own or control the entire Zone A?	<b>NO</b> (All but a small portion of Walden Pond Zone A is controlled)	Follow Best Management Practices (BMPs) that focus on good housekeeping, spill prevention, and operational practices to reduce the use and release of hazardous materials. To the extent possible, remove prohibited activities in Zone A to comply with DEP's Zone A requirements.
Is the Zone A/ Emergency Planning Zone posted with "Public Drinking Water Supply" Signs?	<b>YES</b> (Zone A)	Additional economical signs are available from the Northeast Rural Water Association (802) 660-4988.
	<b>NO</b> (Emergency Planning Zone)	The Emergency Planning Zone for the Ipswich River and the Saugus River Watershed is not posted
Is the Zone A regularly inspected?	<b>YES</b>	Continue daily inspections of drinking water protection areas.
Are water supply -related activities the only activities within the Zone A?	<b>NO</b>	Continue monitoring for non-water supply activities in Zone As. Monitor prohibited activities in Zone A, and investigate options for removing these activities.
<b>Municipal Controls</b> (Zoning Bylaws, Health Regulations, and General Bylaws)		
Does the municipality have Surface Water Protection Controls that meet 310 CMR 22.20B and 22.20C?	<b>NO</b>	Work with the Planning Board and the City Council to compare land use controls to see that they meet current requirements of 310 CMR 22.20 (B) and 310 CMR 22.20 (C). Refer to <a href="http://mass.gov/dep/brp/dws/">mass.gov/dep/brp/dws/</a> for model bylaws and health regulations, and current regulations.
Do neighboring communities protect the water supply protection areas extending into their communities?	<b>NO</b>	Work with the Towns of Lynnfield and Saugus to include Lynn watersheds in their protection controls.
<b>Planning</b>		
Does the PWS have a local surface water protection plan?	<b>IN PROCESS</b>	Develop a surface water supply protection plan. Follow "Developing a Local Surface Water Supply Protection Plan" available at: <a href="http://www.state.ma.us/dep/brp/dws/">www.state.ma.us/dep/brp/dws/</a> .
Does the PWS have a formal "Emergency Response Plan" to deal with spills or other emergencies?	<b>YES</b>	Supplement plan by developing a joint emergency response plan with fire department, Board of Health, DPW, and local and state emergency officials. Coordinate emergency response drills with local teams.
Does the municipality have a watershed protection committee?	<b>YES</b>	Enhance the committee with representatives from citizens' groups, neighboring communities, and the business community.
Does the Board of Health conduct inspections of commercial and industrial activities?	<b>YES</b> (Fire Department conducts inspections)	For more guidance see "Hazardous Materials Management: A Community's Guide" at <a href="http://www.state.ma.us/dep/brp/dws/files/hazmat.doc">www.state.ma.us/dep/brp/dws/files/hazmat.doc</a>
Does the PWS provide watershed protection education?	<b>YES</b>	Continue residential outreach through bill stuffers, school programs, Drinking Water Week activities, and coordination with local groups. Aim additional efforts at commercial and municipal uses within the Zone C.

Other land uses and activities within the Protection areas that are potential sources of contamination are included in Table 2. Refer to Appendix B for more information about these land uses. Identifying potential sources of contamination is an important initial step in protecting your drinking water sources. Further local investigation will provide more in-depth information and may identify new land uses and activities that are potential sources of contamination. Once potential sources of contamination are identified, specific recommendations like those below should be used to better protect your water supply.

### Section 3: Emergency Planning Recommendations for Class B River Intakes

#### Prevention

Public water suppliers with a river source may take preventive measures to protect the source from unexpected releases. Here are some suggestions.

1. Title III (Emergency Planning and Community Right-to-Know) of the Superfund Amendments & Reauthorization Act (SARA) of 1986 required that each community **develop a comprehensive emergency response plan**. Suppliers should review the existing plan to ensure that water supply issues

are satisfactorily addressed in the plan, that current response personnel and their correct telephone numbers are listed, and that the entire plan is regularly reviewed and updated by community officials.

The community plan, or a separate water supplier plan, should include copies of policies in the event of spills or releases; regulatory notification requirements such as what size spills are required to be reported, who to call, telephone numbers, and what information is required to be reported; map of intakes, tributaries, watershed boundaries, adjacent public wells, and locations of sites where spills or accidental releases could occur.

2. **Identify, map and distribute information** to local emergency responders regarding the locations of intakes on the river, tributaries, watershed boundaries, public wells adjacent to river; chemical use at municipal, state, and industrial facilities in watershed (contact Fire Dept., DEP); locations of stormwater drains and the locations of known dams in the event that they can be manipulated by authorized individuals for contaminant control.

The Fire Dept., Board of Health, Planning Board, Local Emergency Planning Committee (LEPC), DEP and others may have existing information to help with your work. SARA requires companies to work with the community's LEPC if they handle extremely hazardous chemicals in quantities above established thresholds.

3. **Develop a communication list** of contacts at upstream and downstream facilities, dams, as well as other public water suppliers on, or adjacent to, rivers. Notify owners and operators of these facilities about the location of your intake and request, in writing, that you be notified immediately in the event of a chemical spill or unexpected discharge. Take this opportunity to educate others about water supply protection.
4. **Provide comments** to municipal boards in other cities/towns in the watershed about proposed development, land use controls, Best Management Practices (BMPs) for stormwater flow into tributaries, and other issues to avoid future problems.
5. **Post signs** along major roads in watershed which direct the public to call "911" or other appropriate local number in case of spills. Be aware of accident-prone areas and transport routes of chemicals if possible.
6. **Educate** the public, local officials, Civil Defense, local emergency response team, and others about water supply protection issues. Educate businesses about toxic use reduction.
7. **Conduct household hazardous waste collection days** and establish permanent collection sites, away from sensitive watershed areas, for used batteries, paints, motor oil, etc.

#### Additional Documents:

To help with source protection efforts, more information is available by request or online at [www.state.ma.us/dep/brp/dws](http://www.state.ma.us/dep/brp/dws) including:

1. Water Supply Protection Guidance Materials such as model regulations, Best Management Practice information, and general water supply protection information.
2. MA DEP SWAP Strategy
3. Land Use Pollution Potential Matrix
4. Draft Land/Associated Contaminants Matrix

8. **Conduct drills**, in coordination with local/regional response teams, to test policies and procedures and to practice responding to various situations. Including businesses, local officials and staff, Fire Departments, Boards of Health, Civil Defense, school administration, and others in planning and implementing the drills will allow for several town or region-wide concerns to be addressed and tested at the same time, including: issuing health advisories, conducting neighborhood and/or school evacuations, and evaluating the town's communication system (both making responders aware of the emergency and issuing advisories to the public when necessary via television, radio, and other news media), equipment and emergency plan in general.

9. Critique the drills and **modify components** of the emergency response system as needed.

#### **Responding to Emergencies**

Drinking water supply professionals responding to local emergencies need to be adequately prepared and trained, and know their roles and responsibilities. Here are some suggestions.

1. **Know regulatory reporting requirements** of state and federal agencies. Know who to call, telephone numbers and what information to report.
2. **Know your role & responsibilities.** Have access to, and be familiar with, the emergency communication list, policies and procedures for emergency response; know when, and how, to safely handle spills or other events until first responders arrive on scene; know what steps to take to avoid drawing contaminants into the water supply system; be familiar enough with local watershed characteristics to provide incident commander with information and advice.
3. **Provide training and materials to responding staff.** Water supply staff, including new employees, should be adequately trained, have access to appropriate materials (storm drain covers, absorbent pads, booms, etc.), up-to-date policies, procedures, and communication lists to perform tasks for which they are responsible.

#### **Follow-up**

Steps can be taken to ensure better preparedness in the event of future emergency situations. Here are some suggestions.

1. **Provide follow-up reports** to the public on the resolution of the situation.
2. **Share the information** learned from drills and real situations with others in order to better protect all public drinking water sources.

### **Section 4: Source Water Protection Conclusions and Recommendations**

As with many water supply protection areas, the system watersheds contain potential sources of contamination. However, source protection measures reduce the risk of actual contamination, as illustrated in Figure 2.

#### **Current Land Uses and Source Protection:**

As with many water supply protection areas, the system watersheds contain potential sources of contamination. However, source protection measures reduce the risk of actual contamination, as illustrated in Figure 2.

The water supplier is commended for taking an active role in promoting source protection measures in the Water Supply Protection Areas through:

**When you wash your car in the  
driveway,  
Remember  
you're not *just* washing your car in the  
driveway.**



All the soap, suds, and oily grit runs along the curb. Then into a storm drain and directly into our lakes, rivers, and streams. And that causes pollution which is unhealthy for everyone. So how do you avoid this whole mess? Easy! Wash your car on the grass or gravel instead of the street. Or better yet, take it to a car wash where the water gets treated or recycled.

The Massachusetts Department of Environmental Protection One Winter Street Boston, MA 02108

- Daily patrols of the reservoir watersheds
- Identification of storm drains in Zone A of reservoir watersheds
- Control of public access around reservoirs
- Developing an education program for sixth grade school children to learn about source protection
- Open house at treatment plant during Drinking Water Week
- Actively reviewing plan for new activities in watersheds
- Earth Day clean-up of watershed

#### **Source Protection Recommendations:**

To better protect the sources for the future:

- ✓ Continue to develop and implement a Surface Water Supply Protection Plan.
- ✓ Educate residents on ways they can help you to protect drinking water sources.
- ✓ Work with emergency response teams to ensure that they are aware of the stormwater drainage in watersheds and to cooperate on responding to spills or accidents.
- ✓ Monitor progress on any ongoing remedial action conducted for the known oil or hazardous materials contamination site.
- ✓ Work cooperatively with Board of Health to develop an inventory of septic systems in Lynnfield and other communities in the Ipswich River and Saugus River watersheds.
- ✓ Work with businesses and others who have landscaped areas in the watersheds to encourage BMPs for the use of fertilizer and pesticide.
- ✓ Partner with local businesses to ensure the proper storage, handling, and disposal of hazardous materials.
- ✓ Continue to inspect the Zone A areas regularly, and when feasible, remove prohibited non-water supply activities.

#### **Conclusions:**

These recommendations are only part of your ongoing local drinking water source protection. Additional source protection recommendations are listed in Table 3, the Key Issues above, and Appendix A.

DEP staff, informational documents, and resources are available to help you build on this SWAP report as you continue to improve drinking water protection in your community.

Grants and loans are available through the Drinking Water State Revolving Loan Fund, the Clean Water State Revolving Fund, and other sources. For more information on grants and loans, visit the Bureau of Resource Protection's Municipal Services web site at: <http://mass.gov/dep/brp/mf/mfpubs.htm>.

The assessment and protection recommendations in this SWAP report are provided as a tool to encourage community discussion, support ongoing source protection efforts, and help set local drinking water protection priorities. Citizens and community officials should use this SWAP report to spur discussion of local drinking water protection measures. The water supplier should supplement this SWAP report with local information on potential sources of contamination and land uses. Local information should be maintained and updated periodically to reflect land use changes in the Zone II. Use this information to set priorities, target inspections, focus education efforts, and to develop a long-term drinking water source protection plan.

## **Section 5: Appendices**

- A. Protection Recommendations
- B. Regulated Facilities within the Water Supply Protection Area
- C. Table of Tier Classified Oil and/or Hazardous Material Sites within the Water Supply Protection Areas
- D. Additional Documents on Source Protection

### **For More Information**

Contact Anita Wolovick in DEP's Wilmington Office at (978) 661-7768 for more information and assistance on improving current protection measures.

Copies of this report have been provided to the public water supplier, town boards, and the local media.

**APPENDIX A: DEP PERMITTED FACILITIES WITHIN LYNN WATER SUPPLY PROTECTION AREAS  
(INCLUDING IPSWICH RIVER AND SAUGUS RIVER WATERSHEDS)**

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
359025	DIX AUTO BODY	77 ALEXANDER RD	BILLERICA	PLANT	AIR QUALITY PERMIT
295264	BELLS CAMERA & VIDEO	184 CAMBRIDGE ST	BURLINGTON	HANDLR	SMALL QUANTITY GENERATOR OF
32943	NEAT N CLEAN DRY CLEANERS	228 CAMBRIDGE STR	BURLINGTON	HANDLR	VERY SMALL QUANTITY GENERAT
320034	SHELL SERVICE STATION	198 CAMBRIDGE ST	BURLINGTON	HANDLR	VERY SMALL QUANTITY GENERAT
246316	LYNN WATER & SEWER COMM	400 PARKLAND AVE	LYNN	FULDSP	FUEL DISPENSER STAGEII
266443	RAYMOND REARDON WATER TREATMENT PLANT	390 PARKLAND AVE	LYNN	FULDSP	FUEL DISPENSER STAGEII
177618	EXXON CO USA 35578	8 BROADWAY RTE 1	LYNNFIELD	HANDLR	VERY SMALL QUANTITY GENERATOR RCRA HAZARDOUS WASTE
296749	FLAGSHIP MOTORCARS	385 BROADWAY - RTE 1 NORTH	LYNNFIELD	APPR	INDUSTRIAL WASTE WATER HOLDING TANK
333404	GRAVA PAINTING	3 HEATH CIRCLE	LYNNFIELD	HANDLR	VERY SMALL QUANTITY GENERATOR RCRA HAZARDOUS WASTE
108952	JAMIE GRAPHICS	25 PILLINGS POND RD	LYNNFIELD	HANDLR	BELOW HW REGULATED THRESHOLDS

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
343623	KELLY JEEP EAGLE INC.	353 BROADWAY	LYNNFIELD	DISCH	INDUSTRIAL WASTE WATER HOLDING TANK
1002	LYNNFIELD CENTER WATER DISTRICT	83 PHILLIPS RD	LYNNFIELD	SURFAC	SURFACEWATER MINOR
304345	LYNNFIELD DEPARTMENT OF PUBLIC WORKS	55 SUMMER ST	LYNNFIELD	HANDLR	SMALL QUANTITY GENERATOR WASTE OIL/PCBS
304345	LYNNFIELD DEPARTMENT OF PUBLIC WORKS	55 SUMMER ST	LYNNFIELD	FULDSP	FUEL DISPENSER STAGEII
262894	LYNNFIELD PUMP N PANTRY	793 MAIN ST	LYNNFIELD	FULDSP	FUEL DISPENSER STAGEII
367281	MOBIL 13228	596 SALEM ST	LYNNFIELD	FULDSP	FUEL DISPENSER STAGEII
335912	PYBURN OIL INC	1061 SUMMER STREET	LYNNFIELD	HANDLR	SMALL QUANTITY GENERATOR WASTE OIL/PCBS
364428	TOSCO EXXON 2634694	8 BROADWAY	LYNNFIELD	FULDSP	FUEL DISPENSER STAGEII
327742	7 ELEVEN 30238	237 MAIN ST	NORTH READING	FULDSP	FUEL DISPENSER
311762	ADVANCED PHOTO INC	4 LOWELL RD	NORTH READING	HANDLR	SMALL QUANTITY GENERATOR OF
251722	BARD MEDISYSTEMS	87 CONCORD ST	NORTH READING	HANDLR	BELOW HAZARDOUS WASTE REG L

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
300381	BOBCAT OF BOSTON INC	20 CONCORD ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
134192	CAROUSEL CLEANERS	265 MAIN ST	NORTH READING	HANDLR	SMALL QUANTITY GENERATOR OF
29369	CENTRE TRUCKING SERVICES	81 CONCORD ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
34893	CHASE TRANSMISSIONS	90 MAIN ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
315041	COMMONWEALTH OIL INC	290 MAIN ST	NORTH READING	FULDSP	FUEL DISPENSER
135959	DB MART 34	231 MAIN ST	NORTH READING	FULDSP	FUEL DISPENSER
281186	DOUGLAS DESIGN AND CONSTRUCTION	126 MAIN ST UNIT	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
134191	DYAR SALES & MACHINERY CO	75 CONCORD ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
29166	GALLANT ELECTRIC MOTOR SERVICE	206 NORTH ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
35155	HEFFRON MATERIALS	68 WINTER ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
293945	HILLVIEW COUNTRY CLUB	149 NORTH ST	NORTH READING	FULDSP	FUEL DISPENSER

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
34380	HONDA BARN	260 MAIN ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
31903	JOES SERVICE CENTER	31 MAIN ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
121254	LILY TRUCK LEASING	84 CONCORD ST	NORTH READING	HANDLR	SMALL QUANTITY GENERATOR OF
135961	M&H AUTO SERVICE	1 WASHINGTON ST	NORTH READING	FULDSP	FUEL DISPENSER
33375	MA ONE AUTO BODY	340 MAIN ST RTE 2	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
297362	MEADOWVIEW HEALTHCARE	134 NORTH ST	NORTH READING	GROUND	GROUNDWATER DISCHARGE
341296	MICHAELS AUTOBODY	126 MAIN STREET	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
131087	MSM INDUSTRIES INC	60 CONCORD ST	NORTH READING	HANDLR	SMALL QUANTITY GENERATOR OF
132775	NEW ENGLAND MOTOR FREIGHT	90 CONCORD ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
327420	NORTH READING DEPARTMENT	166 CHESTNUT ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
329093	NORTH READING FIRE DEPARTMENT	152 PARK STREET	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
328706	NORTH READING SCHOOL DEPARTMENT	191 PARK STREET	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
327939	NORTH READINGS BEST	144 MAIN ST	NORTH READING	FULDSP	FUEL DISPENSER
312394	NORTH SHORE PRINTING INC	281 MAIN ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
226966	PACETTI CORPORATION	4 HALLBERG PARK	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
31554	PARAMOUNT AUTO CENTER INC	324 MAIN ST	NORTH READING	HANDLR	SMALL QUANTITY GENERATOR OF
887	PARK COLONY CONDOMINIUM TRUST	36-46 MAIN ST	NORTH READING	GROUND	GROUNDWATER DISCHARGE
31861	PAULS NORTH READING AUTO	240 PARK ST	NORTH READING	HANDLR	SMALL QUANTITY GENERATOR OF
178012	QUICK MART NUMBER 30238	237 MAIN ST	NORTH READING	HANDLR	SMALL QUANTITY GENERATOR OF
36091	READING MOWER SERVICE	90 MAIN ST BAY 13	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
132160	RICHARDSONS SERVICE STATION	21 WINTER ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
330270	ROUTE 28 MOTORS EXCHANGE	137 MAIN STREET	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
178106	STAR MARKETS COMPANY INC	265 MAIN ST	NORTH READING	HANDLR	SMALL QUANTITY GENERATOR OF
135981	SUN COMPANY INC	142 MAIN ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
339694	SUNBRIDGE CARE & REHABILITATION	134 NORTH STREET	NORTH READING	GROUND	GROUNDWATER DISCHARGE
38031	SUNOCO SERVICE STATION	146 MAIN ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
321780	TERADYNE	500 RIVER PARK	NORTH READING	TURRPT	LARGE QUANTITY TOXICS USER
33770	THOMAS DAN AUTO BODY INC	209 MAIN ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
38000	VALVOLINE INSTANT OIL CHANGE	216 MAIN ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
319070	VERIZON NEW ENGLAND INC	74 CONCORD ST	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
333802	WILLIAMS AND PARTNERS	66 CONCORD STREET	NORTH READING	HANDLR	VERY SMALL QUANTITY GENERAT
290209	128 FORD	88-98 WALKER BROO	READING	HANDLR	VERY SMALL QUANTITY GENERAT
325112	BOBS AUTO BODY	9 CHAPIN AVENUE	READING	HANDLR	VERY SMALL QUANTITY GENERAT

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
132820	BOSTON STOVE CO	155 JOHN ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
336800	BROWNS BODY WORK	943 MAIN STREET	READING	HANDLR	VERY SMALL QUANTITY GENERAT
136544	CUMBERLAND FARMS 2124	297-301 SALEM ST	READING	FULDSP	FUEL DISPENSER
308657	CVS #0224	650 MAIN ST	READING	DISCH	MWRA SEWER CONNECTION
317327	DR BART KELLERMAN DPM	161 ASH ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
177625	EXXON CO USA 35597	136 JOHN ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
31981	FOREIGN AUTO UNION	15 HIGH ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
36045	FRAEN CORPORATION	33 WALKERS BROOK	READING	HANDLR	VERY SMALL QUANTITY GENERAT
126531	GETTY 30355	306 MAIN ST	READING	FULDSP	FUEL DISPENSER
117138	INTEGRATECH SOLUTIONS	1 GENERAL WAY	READING	HANDLR	VERY SMALL QUANTITY GENERAT
134320	JIFFY LUBE	369 MAIN ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
205494	MA NATIONAL GUARD	HAVERHILL ST	READING	HANDLR	SMALL QUANTITY GENERATOR OF
299828	MAIN STREET GLOBAL	431 MAIN ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
37193	MEINEKE DISCOUNT MUFFLERS	117 MAIN ST	READING	HANDLR	SMALL QUANTITY GENERATOR OF
339021	MIDDLESEX ANIMAL HOSPITAL	668 MAIN STREET	READING	HANDLR	VERY SMALL QUANTITY GENERAT
31452	NORTH MAIN ST AUTO BODY	944 MAIN ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
29786	READING AUTO BODY CLINIC	17-19 HIGH ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
327627	READING FAMILY CHIROPRACTOR	18-20R WOBURN STR	READING	HANDLR	VERY SMALL QUANTITY GENERAT
32655	READING MUNICIPAL LIGHT DEPARTMENT	218 ASH ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
135988	READING SQUARE TEXACO	749 MAIN ST	READING	FULDSP	FUEL DISPENSER
5059	READING, TOWN OF	75 NEWCROSSING RD	READING	DISCH	MWRA SEWER CONNECTION
26842	SAFETYLOID RECLAIMING CO	240 ASH ST	READING	HANDLR	TRANSPORTER OF HAZARDOUS WA

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
325694	SHELL 137832	110 MAIN ST	READING	FULDSP	FUEL DISPENSER
132401	SUNOCO 0005 2027	467 MAIN ST	READING	FULDSP	FUEL DISPENSER
38088	SUNOCO SERVICE STATION	467 MAIN ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
325087	TEXACO 100027	87 WALKERS BROOK	READING	FULDSP	FUEL DISPENSER
32077	VARNEY AUTO BODY	250R ASH ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
338736	WINCHESTER HOSPITAL	20 POND MEADOW DR	READING	DISCH	MWRA SEWER CONNECTION
35019	WOBURN STREET INC	36 WOBURN ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
36420	WOMENS IMAGING RESOURCES	315 MAIN ST	READING	HANDLR	VERY SMALL QUANTITY GENERAT
32694	MA HIGHWAY SITE 76	9 CAUSEWAY RD	READING	FULDSP	FUEL DISPENSER
209957	SANBORN HILL SERVICE STATION	1462 MAIN ST	READING	FULDSP	FUEL DISPENSER
116231	AGFA CORPORATION	80 INDUSTRIAL WAY	WILMINGTON	DISCH	MWRA SEWER CONNECTION

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
116231	AGFA DIVISION, BAYER DIVISION	80 INDUSTRIAL WAY	WILMINGTON	HANDLR	SMALL QUANTITY GENERATOR OF
131268	AMETEK AEROSPACE PRODUCTS, INC.	50 FORDHAM RD	WILMINGTON	PLANT	AIR QUALITY PERMIT
131268	AMETEK AEROSPACE PRODUCTS, INC.	50 FORDHAM RD	WILMINGTON	HANDLER	LARGE QUANTITY GENERATOR OF HAZ WASTE
131268	AMETEK AEROSPACE PRODUCTS, INC.	50 FORDHAM RD	WILMINGTON	TURA REPORTER	BELOW TOXICS USE REDUCTION REG LEVELS
131259	ANALOG DEVICES INC	804 WOBURN ST	WILMINGTON	DISCHARGE	MWRA SEWER CONNECTION
131259	ANALOG DEVICES INC	804 WOBURN ST	WILMINGTON	PLANT	RES APPLICATION APPROVED
131259	ANALOG DEVICES INC	804 WOBURN ST	WILMINGTON	HANDLER	LARGE QUANTITY GENERATOR OF HAZ WASTE
131259	ANALOG DEVICES INC	804 WOBURN ST	WILMINGTON	TURA REPORTER	LARGE QUANTITY TOXICS USER
114468	ANTONS CLEANERS INC	240 MAIN ST	WILMINGTON	HANDLER	VERY SMALL QUANTITY GENERATOR OF HAZ WASTE
293634	CAR MART INC	275 MAIN ST	WILMINGTON	PLANT	AIR QUALITY PERMIT
26009	DUPONT E I DENEMOURS & CO INC	1 CORNELL PL	WILMINGTON	HANDLER	LARGE QUANTITY GENERATOR OF HAZ WASTE

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
900	DYNAMICS RESEARCH CORPORATION	60 CONCORD ST	WILMINGTON	PLANT	AIR QUALITY PERMIT
900	DYNAMICS RESEARCH CORPORATION	60 CONCORD ST	WILMINGTON	HANDLER	LARGE QUANTITY GENERATOR OF HAZ WASTE
357434	INTELLISENSE CORPORATION	36 JONSPIN RD	WILMINGTON	PLANT	AIR QUALITY PERMIT
131274	KOCH MEMBRANE SYSTEMS INC	850 MAIN ST	WILMINGTON	PLANT	AIR QUALITY PERMIT
131274	KOCH MEMBRANE SYSTEMS INC	850 MAIN ST	WILMINGTON	TURA REPORTER	LARGE QUANTITY TOXICS USER
131274	KOCH MEMBRANE SYSTEMS INC	850 MAIN ST	WILMINGTON	DISCHARGE	MWRA SEWER CONNECTION
215608	MARTIN MARIETTA CORPORATION	50 FORDHAM RD	WILMINGTON	HANDLER	LARGE QUANTITY GENERATOR OF HAZ WASTE
341505	ROUTE 38 GAS & SERVICE	603 MAIN ST	WILMINGTON	FUEL DISPENSER	FUEL DISPENSER
134419	SHEA CONCRETE PRODUCTS INC	773 SALEM ST	WILMINGTON	PLANT	AIR QUALITY PERMIT
134419	SHEA CONCRETE PRODUCTS INC	773 SALEM ST	WILMINGTON	HANDLER	VERY SMALL QUANTITY GENERATOR OF HAZ WASTE
325894	SHELL 137892	586 MAIN ST	WILMINGTON	FUEL DISPENSER	FUEL DISPENSER

DEP FACILITY NUMBER	FACILITY NAME	ADDRESS	TOWN	PERMITTED ACTIVITY	ACTIVITY CLASS
325893	SHELL 137893	361 MIDDLESEX AVE	WILMINGTON	FUEL DISPENSER	FUEL DISPENSER
131254	SURFACE COATING INC	100 EAMES ST	WILMINGTON	TURA REPORTER	LARGE QUANTITY TOXICS USER
131254	SURFACE COATING INC	100 EAMES ST	WILMINGTON	DISCHARGE	MWRA SEWER CONNECTION
131265	TEXTRON SYSTEMS CORPORATION	201 LOWELL ST	WILMINGTON	FUEL DISPENSER	FUEL DISPENSER
131267	THERMO ELECTRON TECOMET	115 EAMES ST	WILMINGTON	PLANT	AIR QUALITY PERMIT
131267	THERMO ELECTRON TECOMET	115 EAMES ST	WILMINGTON	HANDLER	SMALL QUANTITY GENERATOR OF HAZ WASTE
131267	THERMO ELECTRON TECOMET	115 EAMES ST	WILMINGTON	DISCHARGE	MWRA SEWER CONNECTION
308853	WILMINGTON DEPARTMENT OF PUBLIC WORKS	135 ANDOVER ST	WILMINGTON	HANDLER	SMALL QUANTITY GENERATOR OF WASTE OIL OR PCBS
308853	WILMINGTON DEPARTMENT OF PUBLIC WORKS	135 ANDOVER ST	WILMINGTON	FUEL DISPENSER	FUEL DISPENSER

**UNDERGROUND STORAGE TANKS WITHIN LYNN WATER SUPPLY PROTECTION AREAS  
(INCLUDING IPSWICH RIVER AND SAUGUS RIVER WATERSHEDS)**

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
BURLWOOD REALTY CORPORATION	11 GRANT AVE	BURLINGTON	OTHER	4000	DIESEL
SHELL SERVICE STATION	198 CAMBRIDGE STREET	BURLINGTON	GAS STATION	10000	DIESEL
SHELL SERVICE STATION	198 CAMBRIDGE STREET	BURLINGTON	GAS STATION	10000	GASOLINE
SHELL SERVICE STATION	198 CAMBRIDGE STREET	BURLINGTON	GAS STATION	10000	GASOLINE
COLONIAL HILTON	427 WALNUT ST	LYNNFIELD	OTHER	1000	GASOLINE
COLONIAL HILTON	427 WALNUT ST	LYNNFIELD	OTHER	500	DIESEL
PORTSIDE DBA PUMP 'N PANTRY	793 MAIN ST	LYNNFIELD	GAS STATION	12000	GASOLINE
PORTSIDE DBA PUMP 'N PANTRY	793 MAIN ST	LYNNFIELD	GAS STATION	12000	GASOLINE
SAGAMORE SPRING GOLF CLUB INC	1287 MAIN ST	LYNNFIELD	COUNTRY CLUB/GOLF COURSE	2000	GASOLINE
TOWN OF LYNNFIELD	55 SUMMER ST	LYNNFIELD	MUNICIPAL	500	

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
7-ELEVEN	237 MAIN ST	NORTH READING	GAS STATION	8000	GASOLINE
BOBCAT OF BOSTON INC	20 CONCORD ST	NORTH READING	VEHICLE DEALER	3000	GASOLINE
LILY TRUCK LEASING CORPORATION	84 CONCORD ST	NORTH READING	TRUCK/TRANSPORT	10000	DIESEL
LILY TRUCK LEASING CORPORATION	84 CONCORD ST	NORTH READING	TRUCK/TRANSPORT	10000	DIESEL
M H AUTO SERVICE INC	1 WASHINGTON ST	NORTH READING	GAS STATION	8000	GASOLINE
M H AUTO SERVICE INC	1 WASHINGTON ST	NORTH READING	GAS STATION	4000	GASOLINE
M H AUTO SERVICE INC	1 WASHINGTON ST	NORTH READING	GAS STATION	4000	DIESEL
MOBIL	160 PARK AVE	NORTH READING	GAS STATION	10000	GASOLINE
MOBIL	160 PARK AVE	NORTH READING	GAS STATION	8000	GASOLINE
MOBIL	160 PARK AVE	NORTH READING	GAS STATION	6000	GASOLINE
NEW ENGLAND MOTOR FREIGHT	90 CONCORD ST	NORTH READING	TRUCK/TRANSPORT	10000	DIESEL

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
NEW ENGLAND MOTOR FREIGHT	90 CONCORD ST	NORTH READING	TRUCK/TRANSPORT	10000	DIESEL
NEW ENGLAND MOTOR FREIGHT	90 CONCORD ST	NORTH READING	TRUCK/TRANSPORT	8000	WASTE OIL
NORTH READING'S BEST	142 MAIN ST	NORTH READING	GAS STATION	10000	GASOLINE
NORTH READING'S BEST	142 MAIN ST	NORTH READING	GAS STATION	10000	GASOLINE
NORTH READING'S BEST	142 MAIN ST	NORTH READING	GAS STATION	10000	GASOLINE
NORTH READING TEXACO	231 MAIN ST	NORTH READING	GAS STATION	10000	GASOLINE
NORTH READING TEXACO	231 MAIN ST	NORTH READING	GAS STATION	8000	GASOLINE
NORTH READING TEXACO	231 MAIN ST	NORTH READING	GAS STATION	5000	DIESEL
ROADWAY EXPRESS INC	95 CONCORD ST	NORTH READING	TRUCK/TRANSPORT	8000	DIESEL
ROADWAY EXPRESS INC	95 CONCORD ST	NORTH READING	TRUCK/TRANSPORT	8000	DIESEL
TEMPLE OIL SERVICE	290 MAIN ST	NORTH READING	GAS STATION	15000	DIESEL

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
TEMPLE OIL SERVICE	290 MAIN ST	NORTH READING	GAS STATION	15000	FUEL OIL
THOMSON COUNTRY CLUB	20 ELM ST	NORTH READING	OTHER	2500	GASOLINE
THOMSON COUNTRY CLUB	20 ELM ST	NORTH READING	OTHER	2500	FUEL OIL
CHARLIE'S TOWING & AUTO	431 MAIN ST	READING	GAS STATION	12000	GASOLINE
CHARLIE'S TOWING & AUTO	431 MAIN ST	READING	GAS STATION	10000	GASOLINE
CHARLIE'S TOWING & AUTO	431 MAIN ST	READING	GAS STATION	10000	GASOLINE
CHARLIE'S TOWING & AUTO	431 MAIN ST	READING	GAS STATION	1000	WASTE OIL
CUMBERLAND FARMS #2124	297-301 SALEM ST	READING	GAS STATION	8000	GASOLINE
CUMBERLAND FARMS #2124	297-301 SALEM ST	READING	GAS STATION	8000	GASOLINE
CUMBERLAND FARMS #2124	297-301 SALEM ST	READING	GAS STATION	8000	GASOLINE
GETTY STATION #30355	306 MAIN ST	READING	GAS STATION	5000	GASOLINE

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
GETTY STATION #30355	306 MAIN ST	READING	GAS STATION	5000	GASOLINE
GETTY STATION #30355	306 MAIN ST	READING	GAS STATION	5000	GASOLINE
MOBIL	178 MAIN ST	READING	GAS STATION	10000	GASOLINE
MOBIL	178 MAIN ST	READING	GAS STATION	10000	GASOLINE
MOBIL	178 MAIN ST	READING	GAS STATION	10000	GASOLINE
MOBIL	178 MAIN ST	READING	GAS STATION	10000	GASOLINE
MOBIL	178 MAIN ST	READING	GAS STATION	10000	GASOLINE
MOBIL #CY1	1330 MAIN ST	READING	GAS STATION	10000	DIESEL
MOBIL #CY1	1330 MAIN ST	READING	GAS STATION	10000	GASOLINE
MOBIL #CY1	1330 MAIN ST	READING	GAS STATION	10000	GASOLINE
MOBIL #CY1	1330 MAIN ST	READING	GAS STATION	550	FUEL OIL

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
MOBIL #CY1	1330 MAIN ST	READING	GAS STATION	550	WASTE OIL
SANBORN HILL SERVICE STATION	1462 MAIN ST	READING	GAS STATION	6000	GASOLINE
SANBORN HILL SERVICE STATION	1462 MAIN ST	READING	GAS STATION	2000	GASOLINE
SANBORN HILL SERVICE STATION	1462 MAIN ST	READING	GAS STATION	6000	DIESEL
READING SQUARE TEXACO	749 MAIN ST	READING	GAS STATION	12000	GASOLINE
READING SQUARE TEXACO	749 MAIN ST	READING	GAS STATION	10000	GASOLINE
READING SQUARE TEXACO	749 MAIN ST	READING	GAS STATION	8000	GASOLINE
S M HUDSON INC	26 BRANDE CT	READING	PETR. DISTR	20000	FUEL OIL
S M HUDSON INC	26 BRANDE CT	READING	PETR. DISTR	20000	FUEL OIL
SHELL SERVICE STATION #137832	110 MAIN ST	READING	GAS STATION	10000	GASOLINE
SHELL SERVICE STATION #137832	110 MAIN ST	READING	GAS STATION	10000	GASOLINE

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
SHELL SERVICE STATION #137832	110 MAIN ST	READING	GAS STATION	10000	GASOLINE
SHELL SERVICE STATION #137832	110 MAIN ST	READING	GAS STATION	250	WASTE OIL
SUNOCO #0005-2027	467 MAIN ST	READING	GAS STATION	10000	GASOLINE
SUNOCO #0005-2027	467 MAIN ST	READING	GAS STATION	10000	GASOLINE
SUNOCO #0005-2027	467 MAIN ST	READING	GAS STATION	10000	GASOLINE
SUNOCO #0005-2027	467 MAIN ST	READING	GAS STATION	1000	FUEL OIL
SUNOCO #0005-2027	467 MAIN ST	READING	GAS STATION	1000	WASTE OIL
TEXACO SERVICE LOC #100027	87 WALKERS BROOK DR	READING	GAS STATION	10000	GASOLINE
TEXACO SERVICE LOC #100027	87 WALKERS BROOK DR	READING	GAS STATION	10000	GASOLINE
TEXACO SERVICE LOC #100027	87 WALKERS BROOK DR	READING	GAS STATION	10000	GASOLINE
TEXACO SERVICE LOC #100027	87 WALKERS BROOK DR	READING	GAS STATION	10000	DIESEL

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
TEXACO SERVICE LOC #100027	87 WALKERS BROOK DR	READING	GAS STATION	550	WASTE OIL
TOSCO #2634674	85 MAIN ST	READING	GAS STATION	12000	GASOLINE
TOSCO #2634674	85 MAIN ST	READING	GAS STATION	12000	GASOLINE
TOSCO #2634674	85 MAIN ST	READING	GAS STATION	12000	GASOLINE
A L PRIME ENERGY	319 SALEM ST	WAKEFIELD	GAS STATION	8000	GASOLINE
A L PRIME ENERGY	319 SALEM ST	WAKEFIELD	GAS STATION	8000	GASOLINE
A L PRIME ENERGY	319 SALEM ST	WAKEFIELD	GAS STATION	8000	GASOLINE
STEVE'S SERVICE CENTER	369 NORTH AVE	WAKEFIELD	GAS STATION	8000	GASOLINE
STEVE'S SERVICE CENTER	369 NORTH AVE	WAKEFIELD	GAS STATION	8000	GASOLINE
STEVE'S SERVICE CENTER	369 NORTH AVE	WAKEFIELD	GAS STATION	6000	GASOLINE
TOSCO #2634627	200 LOWELL ST	WAKEFIELD	GAS STATION	12000	GASOLINE

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
TOSCO #2634627	200 LOWELL ST	WAKEFIELD	GAS STATION	10000	GASOLINE
TOSCO #2634627	200 LOWELL ST	WAKEFIELD	GAS STATION	10000	GASOLINE
BELL ATLANTIC	408 MAIN ST	WILMINGTON	UTILITIES	2500	DIESEL
DEPARTMENT OF PUBLIC WORKS	135 ANDOVER ST	WILMINGTON	MUNICIPAL	10000	GASOLINE
DEPARTMENT OF PUBLIC WORKS	135 ANDOVER ST	WILMINGTON	MUNICIPAL	10000	DIESEL
DYNAMICS RESEARCH CORP	50 CONCORD ST	WILMINGTON	OTHER	4000	OTHER
EXXONMOBIL OIL CORPORATION	316 LOWELL ST	WILMINGTON	GAS STATION	12000	GASOLINE
EXXONMOBIL OIL CORPORATION	316 LOWELL ST	WILMINGTON	GAS STATION	10000	GASOLINE
EXXONMOBIL OIL CORPORATION	316 LOWELL ST	WILMINGTON	GAS STATION	6000	GASOLINE
EXXONMOBIL OIL CORPORATION	316 LOWELL ST	WILMINGTON	GAS STATION	1000	GASOLINE
FRED'S SERVICE CENTER	324 MAIN ST	WILMINGTON	GAS STATION	10000	GASOLINE

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
FRED'S SERVICE CENTER	324 MAIN ST	WILMINGTON	GAS STATION	4000	GASOLINE
GIBBS OIL CO LTD PARTNERSHIP	342 MAIN ST	WILMINGTON	GAS STATION	10000	GASOLINE
GIBBS OIL CO LTD PARTNERSHIP	342 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
GIBBS OIL CO LTD PARTNERSHIP	342 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
HESS STATION	273 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
HESS STATION	273 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
HESS STATION	273 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
J A MIARA TRANSPORATION	140 WEST ST	WILMINGTON	TRUCK/TRANSPORT	10000	DIESEL
J A MIARA TRANSPORATION	140 WEST ST	WILMINGTON	TRUCK/TRANSPORT	4000	GASOLINE
JIMMY'S GARAGE	945 MAIN ST	WILMINGTON	GAS STATION	6000	GASOLINE
JIMMY'S GARAGE	945 MAIN ST	WILMINGTON	GAS STATION	6000	GASOLINE

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
JIMMY'S GARAGE	945 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
JIMMY'S GARAGE	945 MAIN ST	WILMINGTON	GAS STATION	8000	DIESEL
JOE BARRY OIL INC	312 MAIN ST	WILMINGTON	PETROLEUM DISTIBUTOR	20000	FUEL OIL
JOE BARRY OIL INC	312 MAIN ST	WILMINGTON	PETROLEUM DISTIBUTOR	20000	FUEL OIL
JOE BARRY OIL INC	312 MAIN ST	WILMINGTON	PETROLEUM DISTIBUTOR	20000	DIESEL
NEORESINS INC	730 MAIN ST	WILMINGTON	INDUSTRIAL	16000	HAZARDOUS
NEORESINS INC	730 MAIN ST	WILMINGTON	INDUSTRIAL	16000	HAZARDOUS
NEORESINS INC	730 MAIN ST	WILMINGTON	INDUSTRIAL	16000	HAZARDOUS
NEORESINS INC	730 MAIN ST	WILMINGTON	INDUSTRIAL	16000	HAZARDOUS
NEORESINS INC	730 MAIN ST	WILMINGTON	INDUSTRIAL	8000	HAZARDOUS
NEORESINS INC	730 MAIN ST	WILMINGTON	INDUSTRIAL	8000	HAZARDOUS

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
R & V REALTY TRUST	360 MIDDLESEX AVE	WILMINGTON	GAS STATION	8000	GASOLINE
R & V REALTY TRUST	360 MIDDLESEX AVE	WILMINGTON	GAS STATION	6000	GASOLINE
R & V REALTY TRUST	360 MIDDLESEX AVE	WILMINGTON	GAS STATION	6000	GASOLINE
RT 38 GAS AND SERVICE	603 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
RT 38 GAS AND SERVICE	603 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
RT 38 GAS AND SERVICE	603 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
RT 38 GAS AND SERVICE	603 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
SHELL SERVICE STATION	361 MIDDLESEX AVE	WILMINGTON	GAS STATION	12000	GASOLINE
SHELL SERVICE STATION	361 MIDDLESEX AVE	WILMINGTON	GAS STATION	12000	GASOLINE
SHELL SERVICE STATION	361 MIDDLESEX AVE	WILMINGTON	GAS STATION	12000	GASOLINE
SHELL SERVICE STATION	361 MIDDLESEX AVE	WILMINGTON	GAS STATION	1000	WASTE OIL

FACILITY NAME	ADDRESS	TOWN	DESCRIPTION	CAPACITY (GAL)	CONTENTS
SHELL SERVICE STATION	586 MAIN ST & LOWELL	WILMINGTON	GAS STATION	10000	GASOLINE
SHELL SERVICE STATION	586 MAIN ST & LOWELL	WILMINGTON	GAS STATION	10000	GASOLINE
SHELL SERVICE STATION	586 MAIN ST & LOWELL	WILMINGTON	GAS STATION	10000	GASOLINE
TEXTRON SYSTEMS CORPORATION	201 LOWELL ST	WILMINGTON	INDUSTRIAL	20000	FUEL OIL
TEXTRON SYSTEMS CORPORATION	201 LOWELL ST	WILMINGTON	INDUSTRIAL	20000	FUEL OIL
TEXTRON SYSTEMS CORPORATION	201 LOWELL ST	WILMINGTON	INDUSTRIAL	1000	FUEL OIL
TOWN MARKET CITGO	490 MAIN ST	WILMINGTON	GAS STATION	8000	GASOLINE
TOWN MARKET CITGO	490 MAIN ST	WILMINGTON	GAS STATION	5000	GASOLINE
TOWN MARKET CITGO	490 MAIN ST	WILMINGTON	GAS STATION	5000	GASOLINE

FOR MORE INFORMATION ON UNDERGROUND STORAGE TANKS, VISIT THE MASSACHUSETTS DEPARTMENT OF FIRE SERVICES WEB SITE: [HTTP://WWW.STATE.MA.US/DFS/UST/USTHOME.HTM](http://www.state.ma.us/dfs/ust/usthome.htm)

NOTE: THIS APPENDIX INCLUDES ONLY THOSE FACILITIES WITHIN THE WATER SUPPLY PROTECTION AREA(S) THAT MEET STATE REPORTING REQUIREMENTS AND REPORT TO THE APPROPRIATE AGENCIES. ADDITIONAL FACILITIES LOCATED WITHIN THE WATER SUPPLY PROTECTION AREA(S) SHOULD BE CONSIDERED IN LOCAL DRINKING WATER SOURCE PROTECTION PLANNING.

## **APPENDIX B – Table of Tier Classified Oil and/or Hazardous Material Sites within Lynn Water Supply Protection Areas, and the Ipswich River and Saugus River Watersheds**

DEP's datalayer depicting oil and/or hazardous material (OHM) sites is a statewide point data set that contains the approximate location of known sources of contamination that have been both reported and classified under Chapter 21E of the Massachusetts General Laws. Location types presented in the layer include the approximate center of the site, the center of the building on the property where the release occurred, the source of contamination, or the location of an on-site monitoring well. Although this assessment identifies OHM sites near the source of your drinking water, the risks to the source posed by each site may be different. The kind of contaminant and the local geology may have an effect on whether the site poses an actual or potential threat to the source.

The DEP's Chapter 21E program relies on licensed site professionals (LSPs) to oversee cleanups at most sites, while the DEP's Bureau of Waste Site Cleanup (BWSC) program retains oversight at the most serious sites. This privatized program obliges potentially responsible parties and LSPs to comply with DEP regulations (the Massachusetts Contingency Plan – MCP), which require that sites within drinking water source protection areas be cleaned up to drinking water standards.

For more information about the state's OHM site cleanup process to which these sites are subject and how this complements the drinking water protection program, please visit the BWSC web page at <http://www.state.ma.us/dep/bwsc>. You may obtain site -specific information two ways: by using the BWSC Searchable Sites database at <http://www.state.ma.us/dep/bwsc/sitellst.htm>, or you may visit the DEP regional office and review the site file. These files contain more detailed information, including cleanup status, site history, contamination levels, maps, correspondence and investigation reports, however you must call the regional office in order to schedule an appointment to view the file.

The table below contains the list of Tier Classified oil and/or Hazardous Material Release Sites that are located within your drinking water source protection area.

**Table 1:** Bureau of Waste Site Cleanup Tier Classified Oil and/or Hazardous Material Release Sites (Chapter 21E Sites) - Listed by Release Tracking Number (RTN).

<b>RTN</b>	<b>Release Site Address</b>	<b>Town</b>	<b>Contaminant Type</b>
3-0001813	Route 125 North Andover Bypass	Andover	Oil
3-0011228	4 Brookfield Rd	Burlington	Oil
3-0016513	8 Broadway	Lynnfield	Oil and Hazardous Material
3-0000692	60 Concord St	North Reading	--
3-0002363	95 Concord St	North Reading	Oil
3-0002584	70 Concord St	North Reading	--
3-0002804	5 Hallberg Park	North Reading	--
3-0003925	237 Main St	North Reading	--
3-0004007	Cedar St	North Reading	Oil

<b>RTN</b>	<b>Release Site Address</b>	<b>Town</b>	<b>Contaminant Type</b>
3-0004468	142 Main St	North Reading	--
3-0004481	1 Boxwood Rd	North Reading	Oil
3-0017390	80 Concord St	North Reading	Hazardous Material
3-0020512	216 Main St	North Reading	Oil
3-0002937	87 Walkers Brook Dr	Reading	Oil
3-0004141	287 Main St	Reading	--
3-0013565	Causeway St/Ma Hwy Dept	Reading	Oil and Hazardous Material
3-0015471	16 Percy Ave	Reading	Oil
3-0017825	75 New Crossing Rd	Reading	Oil
3-0018903	281 Main St	Reading	Hazardous Material
3-0019494	49 Grey Coach Rd	Reading	Oil
3-0020218	Walkers Brook Rd	Reading	Oil
3-0001720	493 Salem St	Wakefield	Oil
3-0018525	5 Bryant St	Wakefield	Oil
3-0000471	51 Eames St	Wilmington	Oil
3-0000518	50 Fordham Rd	Wilmington	Oil
3-0000625	I-93 Lowell St	Wilmington	--
3-0000776	324 Main St	Wilmington	--
3-0001728	945 Main St	Wilmington	Oil
3-0001916	101 Main St	Wilmington	Oil
3-0002549	730 Main St	Wilmington	Oil
3-0002889	273 Main St	Wilmington	--
3-0003548	603 Main St	Wilmington	--
3-0003766	100 Ainsworth Rd	Wilmington	Oil
3-0004022	103 Main St	Wilmington	--
3-0004170	319a Andover St	Wilmington	Oil
3-0012586	586 Main St	Wilmington	Oil
3-0013922	312 Main St	Wilmington	Oil

<b>RTN</b>	<b>Release Site Address</b>	<b>Town</b>	<b>Contaminant Type</b>
3-0014811	315-319 Main St	Wilmington	Hazardous Material
3-0015247	1 Burlington Ave	Wilmington	Hazardous Material
3-0017097	80 Industrial Way	Wilmington	Hazardous Material
3-0019289	80 Industrial Way	Wilmington	Hazardous Material
3-0019380	80 Industrial Way	Wilmington	Hazardous Material
3-0019651	212 Main St	Wilmington	Oil and Hazardous Material
3-0019809	135 Andover St	Wilmington	Oil

For more location information, please see the attached map. The map lists the release sites by Release Tracking Number (RTN).