

REGION I
INLAND AREA CONTINGENCY PLAN
VOLUME II

U. S. ENVIRONMENTAL PROTECTION AGENCY

DECEMBER 1993

This Area Contingency Plan (ACP) has been prepared under the direction of a Federal On-Scene Coordinator to provide guidance to response personnel working with any federal, state, or local agency and any private corporation. This plan provides for the coordination and direction of federal, state, and local response systems and encourages the development of local government and private capabilities to handle discharges and releases of oil or hazardous substances to the environment.

This ACP is divided into two volumes. The first volume contains generic language and planning information that applies to all designated Areas within the Region and draws upon the National Contingency Plan and Region I Regional Contingency Plan where appropriate. The contents of Volume I include authorities, abbreviations and definitions, and general language describing the National Response System to address discharges or the substantial threat of discharges of oil or hazardous substances.

The second volume of the ACP contains the Area-specific portions of the plan. Volume II is organized according to the OPA section 4202 statutory requirements for ACPs for the entire inland area of Region I. Additional volumes (ex. Volume IIa, Volume IIb) will be dedicated to designated subregional areas.

This plan shall be reviewed and changes will be promulgated as amendments on a yearly basis or more frequently as necessary. Comments should be forwarded in writing to the address noted below and will be considered during the annual review and update of this plan by the Area Committee.

Area Contingency Plan Coordinator
United States Environmental Protection Agency
Emergency Response Section
60 Westview Street
Lexington, Massachusetts 02173

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RECORD OF AMENDMENTS

I. GEOGRAPHIC DESCRIPTION

1. Geographic Boundaries

The area of coverage (Area) for this plan is the inland zone of the RRT for Federal Region I, including inland waters. The Area includes the geographical area of the states of Maine, New Hampshire, Vermont, Massachusetts, Connecticut, and Rhode Island. The Area is bounded to the north by the Country of Canada, to the west by the State of New York (Federal Region II), and to the south and east by the coastal zone and the Atlantic Ocean. The boundary which separates the Inland and Coastal Zones within Federal Region I are indicated in Appendix A of Volume I of this ACP. Spills occurring on the boundary of the two zones, will be the responsibility of the U.S. Coast Guard OSC of the coastal zone associated with the particular area.

2. Area Spill History

There have been 33 major oil discharges (over 10,000 gallons) within the area since 1987.

Of these 33 major oil discharges, 6 spilled to navigable waters of the United States.

Past Significant Spills:

Conrail Beacon Park Spill

Boston, MA October 30, 1981

50,000 gallons #2 oil released to Charles River via storm drain.

Fitting failure in distribution line.

Shell Oil Pipeline Spill

Sherborn, MA October 5, 1979

25,000 gallons #2 oil released to unnamed tributary of Charles River.

Pipeline Rupture due to corrosion.

3. Sensitive Areas

There are several types of sensitive environments within Region I, which come under the trusteeship of several different agencies. Listed below is a summary of these areas and contacts to obtain further information as needed.

A. National Forests

The two National Forests are the White Mountains National Forest in New Hampshire & Maine and the Green Mountains National Forest in Vermont.

Incident specific information can be obtained by calling the respective USDA Forest Service. A discharge or release affecting the White Mountains National Forest should be reported to:

Forest Supervisor
USDA Forest Service
White Mountains National Forest
P.O. Box 638
Laconia, NH 03247
(603) 528-8721

A discharge or release affecting the Green Mountains National Forest should be reported to:

Forest Supervisor
USDA Forest Service
Green Mountains National Forest
Federal Building
151 West Street
Rutland, VT 05701
(802) 775-2579

B. National Marine Sanctuaries

There are two marine sanctuaries, within Region I, for which NOAA holds co-trusteeship responsibility with State authorities, who provide the direct management of the sanctuary areas. They are:

1. Wells National Estuarine Sanctuary -- Wells, Maine.
For details on the sanctuary contact:

State Planning Office
184 State Street
Augusta, Maine 04333
(207) 289-3261
Direct phone to sanctuary
(207) 646-1555

2. Narragansett Bay National Estuarine Sanctuary-Rhode Island. For details on the sanctuary contact:

Department of Environmental Management
Office of the Director, ATTN: Roger Green
9 Hayes Street
Providence, RI 02908
(401) 277-2771
Sanctuary Manager is Al Beck
(401) 683-4236).

In order that trusteeship responsibilities can be fulfilled, prompt contact with the RRT member is established as follows:

NOAA Coastal Resource Coordinator
(Kenneth Finkelstein)
EPA Waste Management Division
J.F. Kennedy Federal Building
Boston, MA 02203
(617) 573-9699

C. National Wildlife Refuges, Fish Hatcheries, Historic Parks

There are 32 national wildlife refuges, fish hatcheries, and parks in Region I. Specific areas where the Department of Interior has responsibility as a Federal trustee of natural resources include:

N.W.R. = National Wildlife Refuge
N.F.H. = National Fish Hatchery
N.H.P. = National Historic Park

Maine

- Acadia National Park, Coastal - Hancock and Knox County Locations
- Moosehorn N.W.R., Inland and Coastal - Various Washington County locations
- Craig Brook N.F.H., Inland - Hancock County
- Green Lake N.F.H., Inland - Hancock County
- Petit Manan N.W.R., Coastal - Washington County
- Petit Manan Island N.W.R., Coastal - Washington County

- Seal Island N.W.R., Coastal - Penobscott Bay
- Franklin Island N.W.R., Coastal - Knox County
- Pond Island N.W.R., Coastal - Sagadahoc County
- Rachel Carson N.W.R., Coastal - Various Cumberland and York County Locations

New Hampshire

- John Hay N.W.R., Inland - Sullivan County
- Wapack N.W.R., Inland - Hillsborough County
- Nashua N.F.H., Inland - Hillsborough County

Vermont

- Mississquoi N.W.R., Inland - Franklin County
- Pittsford N.F.H., Inland - Rutland County
- White River N.F.H., Inland - Windsor County

Massachusetts

- Parker River N.W.R., Coastal - Essex County
- Thatcher Island N.W.R., Coastal - Essex County
- Lowell N.H.P., Inland - Middlesex County
- Great Meadows N.W.R., Inland - Middlesex County
- Oxbow N.W.R., Inland - Middlesex County
- Berkshire N.F.H., Inland - Berkshire County
- North Attleboro N.F.H., Inland - Bristol County
- Monomy Point N.W.R., Coastal - Barnstable County
- Cape Cod National Seashore, Coastal - Barnstable County

- Nantucket N.W.R., Coastal - Nantucket County

Rhode Island

- Sachuest Point N.W.R., Coastal - Newport County
- Trustom Pond N.W.R., Coastal - Washington County
- Ninigret N.W.R., Coastal - Washington County
- Block Island N.W.R., Coastal - Washington County

Connecticut

- Salt Meadow N.W.R., Coastal - New London County

In order that trusteeship responsibilities can be fulfilled, by the Department of the Interior, contact the RRT member:

Regional Environmental Officer
Department of the Interior
Room 142
408 Atlantic Avenue
Boston, MA 02110-3334
(617) 223-8565

EPA Region I is part of Region V for the U.S. Fish and Wildlife Service. The U.S. Fish and Wildlife Service has also developed a Response Plan for Discharges of Oil and Hazardous Substances.

EPA Region I is also part of the North Atlantic Region for the National Park Service. The National Park Service has developed an Oil & Hazardous Substance Spill Contingency Plan. The plan includes details of sensitive areas within the parks, and is included herein by reference.

This section more than any other, will be one of continuing development. Described below, is a three phased approach which is being proposed for the long term development of this section.

The Area Committee should establish protocols to notify natural resource agencies when possible in the event that an environmentally sensitive area is at risk.

Prior identification and ranking of fish and wildlife resources, their habitat, and other sensitive environments at risk from any discharges that may occur may be undertaken in a three-phased approach. The first phase is to obtain the information on the identification of sensitive areas. The second phase is to map locations and the third phase is to rank these according to their sensitivity. Each phase is described below:

Phase I:

Area Committees should use the definition of environmentally sensitive areas that is described in Appendix D of the proposed Facility Response Plan rule.

Appendix B of the pre-decisional ERD Publication Guidance for the Development of Facility Response Plans (Publ. #9360.6-10) provides a detailed description on where to obtain information on each type of environmentally sensitive area. The Area Committee should use this reference once the draft guidance document is finalized.

Each Area OSC should task contractor support to develop a list of information on environmentally sensitive areas for use by the Area Committee.

Additionally, the location of certain critical habitats for endangered species, and archeological sites may not be made available because of their "confidential nature." In such instances, ACPs should contain information on the location of counties which host these types of areas and classify the entire county as a "critical habitat." In such an example, the critical habitat would be accounted for and the "confidentiality" of its precise location would be preserved.

Phase II:

The information obtained in Phase I could be stored in a GIS-based system. USGS quad maps may be scanned to serve as a base data layer. The use of such a GIS-based system would be primarily for the "storage" of this information.

Phase III:

A subworkgroup of the Area Committee should be formed to rank the locations according to its sensitivity, as well as the practicality of protection.

The following approach was developed by a Port Area Committee Sensitive Environments subworkgroup for one of the USCG COTP areas:

Approach to Protection Priorities

- A priority scheme designating sensitivity should be simple and flexible. Area Committees may adopt a three-level approach, ranking an area of concern as "A" (most sensitive), "B" (sensitive), and "C" (least sensitive). Factors such as environmental sensitivity, natural recovery period, ease of cleanup, and political influences would be considered.
- Priorities should be adjusted for all four seasons (e.g., a resource having an "A" priority in the spring could have a lower priority in the fall).
- The prioritization scheme should have a clearly stated rationale for putting most commercial facilities at the lowest protection priority. This rationale would devote limited resources to protection of public resources and recognize that vulnerable private facilities should be protected by their operators.

Qualifiers on Priorities

- In addition to the A, B, and C designations, a 1, 2, or 3 would be assigned to each resource as a measure of the ability to protect ("1" for most able to be protected; "3" for most difficult to protect). For example, although a long stretch of sandy beach may have a high priority, there may not be an effective response technique to protect it. In such a case, the area would have an "A3" designation.

- Once identified and categorized, the ACP should include booming strategies and other physical containment techniques, as well as access points.
- The ACP should contain the rationale for the prioritization designations so as to avoid the appearance of being arbitrary.

The RRT could be tasked to formulate a mechanism for the incident-specific RRT to devise a ranking of environmental areas. This ranking should take place during a response and take into consideration real-time data such as spawning, pupping, and migratory bird patterns. The ranking of environmentally sensitive areas therefore would be flexible and could change during the course of a response action. Although seasonal considerations would be accounted for in the prioritization scheme, a real-time verification needs to be made based upon available data during the time of a discharge. For example, the prioritization designations for seasonal consideration would be ambiguous during the change in seasons, or if a particular season is unusually mild or harsh. A mild winter may see migratory birds earlier than expected, for example.

Area Committees should make use of a Shoreline Cleanup Manual template prepared for inland shorelines. The manual would provide a template for each RRT or Area Committee to outline the preferred removal and countermeasure techniques recommended for each shoreline type within its jurisdiction.

All components of the Fish and Wildlife and Sensitive Environments Annex should be evaluated by the Area Committee in order to identify areas of potential conflict with the needs of removal operations. The Area Committee should then work to integrate resources and field activities so as to ensure cooperative and complementary efforts for the wildlife protection and removal operations.

4. Disposal

The disposal of recovered spilled oil and contaminated debris can pose immediate and long-term problems. These problems can include short-term storage, identification of acceptable disposal sites, obtaining a complete assay of the spilled material to ascertain its make-up, and arranging for transport of the material. Due to the potential for huge disposal needs in the event of an oil spill, this section provides general guidance.

A. Storage

Prior to the disposal of recovered oil and oily debris there is often times a need to temporarily store recovered material. Temporary waste storage will inevitably be part of response operations to an oil spill of nearly any size. The selection of temporary storage sites will be partly dictated by where the oil and oily debris is recovered, and by what acceptable temporary waste storage sites are available in the area of operations. If no suitable sites are available near the response operations then transport of the material will be necessary.

Temporary storage sites should be selected and prepared to minimize contamination of surrounding areas from leaching (migrating) oil. If possible, storage sites should not be located on or adjacent to ravines, gullies, streams, or the sides of hills. Once a location is selected, certain site preparations are usually necessary to contain oil that may leach or flow from the site. Temporary storage of oily debris on a large plastic tarp, surrounded by an earthen berm, is a method commonly used to reduce or eliminate the migration of oil from the site.

The need for creativity and resourcefulness in providing for the short-term storage of oily waste cannot be emphasized enough. Planning before an oil spill for temporarily storing oily waste and debris will enable the response effort to continue smoothly without being bogged down by storage site consideration at the time of a spill. As with any aspect of oil spill response, there will be the unexpected, so complete consideration of all eventualities is impossible; however, storage and disposal of oily waste is an aspect of the response effort that can, and must, be given planning consideration before a spill occurs.

B. Disposal of Recovered oil

In most spill situations the oil recovered will contain a large percentage of water which should be separated out prior to disposal or recycling. In the event of a major spill, a large-scale oil/water separation operation should be set up at a local refinery, processing plant, or other Facility possessing separation equipment.

If the spill is minor and/or occurs at a considerable distance from any such facilities, the following discussion will explain how to construct oil/water separators for field use. These separators might also be used locally to remove a portion of the water so as to reduce the bulk of the oil/water mixture prior to transporting it for final separation.

Effective oil/water separators can be constructed under field conditions to further recover oil from oil/water mixtures. Fifty-five gallon drums can be used as separators, after being fitted with a bottom-draining pipe with valve. The oil/water mixture would enter the container from the top, be allowed to separate, and then water drained off the bottom through the drainpipe. The oil can be pumped from the separator to a storage tank or tank truck.

A second method can be used to remove oil from a natural or excavated sump pit. A 55-gallon drum is fitted with pump and hose and several holes are drilled in the side near the bottom. The sump pit is partially filled with water and the drum suspended upright and positioned such that the bottom two-thirds is submerged. The oil/water mixture is pumped into the top of the drum at a slow enough rate to prevent oil from being driven to the bottom and escaping out the holes. As more of the mixture is pumped in, the water will flow out the bottom with the oil concentrating at the water surface in the drum. Once the oil layer becomes thick enough it can be pumped out into a storage tank or tank truck.

The final method is to pump the oil/water mixture into a tank truck or vacuum truck and allow the oil to separate out to the top, and then drain the water out the bottom. This procedure is repeated until the tank is full, with only minor amounts of water remaining.

Any water drained off by the above separation techniques should be directed to a containment area or a lined holding pond, as it may still contain minor amounts of oil.

C. Disposal of Oil Material

Oil spills can generate large quantities of oil-contaminated material consisting primarily of debris, vegetation, sediments, and sorbents. Disposal of such debris is a major problem as only a few sites are authorized to receive oily wastes.

II. ORGANIZATION

1. Response System and Policies

A. State Response Systems and Policies

Federal Coordination. Each state in Region I has provided liaison to the RRT and designated the appropriate element of the State government to undertake direction of State supervised removal operations. The designated agency shall be the single state government element that will seek reimbursement for removal operations expenditures in accordance with the National Pollution Funds Center. Details on reimbursement to States for removal actions taken pursuant to this plan are contained in section II-4 of this plan.

1. Connecticut

a. The Oil & Chemical Spill Section (O&CSS), Hazardous Materials Team of the D.E.P., is presently comprised of fifteen members available 24 hours per day, for response to all oil and chemical spills or other environmental emergencies as required by section 22a-449 of the CT. General Statutes. Each person is assigned a 4 wheel drive vehicle and is equipped with personal safety equipment such as: airpacs, acid suit, splash suit and fire turnout gear; mitigation and containment equipment such as mini booms and sorbent materials; and decon equipment such as explosion meter and chemical detector tubes.

b. The Haz Mat Team will provide an Emergency Response Coordinator (ERC) or a team for the following services:

1. Incident mitigation and cleanup;
2. Hire cleanup contractors and arrange for, or provide specialized equipment and personnel;
3. Determine responsibility for the incident and secure a financial commitment for mitigation and cleanup costs;

4. Coordinate the activities of all other State Agencies and coordinate with the Federal EPA and the U.S. Coast Guard.

5. Assist local on-scene personnel identify hazardous materials, assess the health and safety hazards to the community and determine proper control techniques.

c. Financial resources that are available and accessible only through the Oil & Chemical Spill Section of the DEP:

1. CT State Emergency Spill Fund: For mitigation and cleanup of hazardous materials emergencies by the DEP Oil and Chemical Spill Section.

2. Federal Spill Fund: (CWA Section 311, Pub L 92-500) are available from the EPA, through the DEP O&CSS, for oil spills to or threatening navigable waterways where the polluter is unknown or refuses to accept financial responsibility;

d. Connecticut State Police are designated by statute as the state contact in the event of an oil spill. Their primary responsibility is the notification of State DEP personnel. Local fire departments are responsible for responding to fire hazards resulting from a spill of a combustible material.

2. New Hampshire

The New Hampshire Department of Environmental Services (DES), Water Supply and Pollution Control Division, is the lead state agency responsible for regulation of oil terminal operations and emergency preparedness for a coastal oil spill. An Oil Spill Emergency Response Team responds to oil spills throughout the state. In carrying out this responsibility, the Department coordinates with the Office of Emergency Management (NH OEM).

The NH OEM has overall responsibility for state emergency preparedness, with the Department of Safety, which investigates transportation related incidents, and with the State Police which operates the emergency notification network. The Office is also responsible for coordination of volunteer efforts and evacuation of personnel, if necessary.

New Hampshire laws:

RSA Chapter 146-A:4 NHDES: Whenever an oil discharge or spillage occurs which will, or has polluted the public waters of this state, the NHDES shall be notified forthwith and shall assume primary jurisdiction of the cleanup operation. In the interim period before the NHDES has had an opportunity to assume jurisdiction, the person or persons causing the discharge or spillage shall undertake immediate measures, in accordance with the regulation and policies which the NHDES is hereby authorized to promulgate, so as to minimize the extent to pollution and damage which said discharge or spillage would otherwise cause. Any person discharging oil, petroleum products or their by-products in the manner prohibited by RSA 146-A:3 shall immediately undertake to remove such discharge to the NHDES's satisfaction. Notwithstanding the above requirement the NHDES may undertake the removal of such discharge and may retain agents and contractors for such purposes who shall operate under the direction of the NHDES. Any unexplained discharge of oil, petroleum products or their by-products shall be removed by or under the direction of the NHDES.

RSA Chapter 146A:5 Duty to Report: The person in charge of any oil facility or carrier that discharges oil in violation of this chapter shall immediately notify the NHDES or its designee. Any person who fails to give such notice shall be fined not more than one thousand dollars or imprisoned not more than one year, or both. Each day of a continuing violation shall constitute a separate offense.

3. Maine

In the event of an oil spill in coastal waters, the Commissioner of Environmental Protection will directly represent the Governor in all direct abatement, clean-up and resource protection activities in coordination with federal, industry, and other state's response teams. The State Oil Spill Coordinator will work with the Federal On-Scene Coordinator and the responsible party following the unified command structure used by the Coast Guard. Maine Department of Environmental Protection (DEP) staff will work with federal, state, and local representatives, as well as the responsible party, to ensure an adequate and timely response. In the event a responsible party does not respond to a spill, or is not responding to the satisfaction of the DEP, the DEP may, in consultation with federal authorities, initiate and direct all actions necessary to respond to the incident.

The Maine Emergency Management Agency (MEMA) is responsible for carrying out a program for civil emergency preparedness, including coordination of the activities of all organizations for civil emergency preparedness within the state. This includes a broad range of functions, such as fire fighting, police, medical and health services, emergency welfare, rescue, engineering, evacuation and transportation. In the event of a marine oil spill, MEMA will provide assistance to the State Oil Spill Coordinator, and will coordinate all land based activities. Unlike other declared emergencies, marine oil spill cleanup activities are directed by the DEP and do not fall under MEMA authority.

4. Massachusetts

The Massachusetts Department of Environmental Protection (DEP) is one of five agencies under the Executive Office of Environmental Affairs (EOEA). The Secretary of EOEA is a state Cabinet level position. DEP administers the state's environmental regulatory programs for the protection of air, water and land resources. Until mid-1989, DEP was known as the Massachusetts Department of Environmental Quality Engineering (DEQE).

DEP is responsible for protecting the public health and the environment. The Department has specific programs in Resource Protection, Waste Prevention, and Waste Site Cleanup.

DEP's Organization

DEP's top level managers include: a Commissioner; four Deputy Commissioners for Police and Program Development, Operations, Administration, and Municipal Assistance; three Assistant Commissioners for Resource Protection, Waste Prevention, and Waste Site Cleanup.

Bureau of Waste Site Cleanup:

The Deputy Commissioner for Policy and Program Development oversees three programmatic areas: Resource Protection, Waste Prevention and Waste Site Cleanup. The Bureau of Waste Site Cleanup (BWSC) is responsible for the state's Emergency Response Program (ER) and for all waste site assessment and cleanup activities. The focus of BWSC is on uncontrolled releases or threats of releases to the environment of oil or hazardous materials (OHM). Boston's program develops statewide policies and programs, and assures uniformity of operations among state regional response teams, as well as, providing resources and backup.

In addition to the Boston office, DEP has four regional offices and several technical branches. The regional offices are the Northeast Regional Office in Woburn, the Southeast Regional Office in Lakeville, the Central Regional Office in Worcester, and the Western Regional Office in Springfield. Lakeville and Woburn are the two regional offices with coastal areas. Each region is headed by a Regional Director who answers to the Deputy Commissioner of Operations from an organizational perspective.

The regions are operational units that implement statewide policies and programs by issuing permits, enforcing regulations, conducting site assessments and clean-ups and responding to varied environmental emergencies.

Emergency Response Program:

ER's primary role is to respond to releases and threats of releases to the environment. Releases commonly result from spills, leaks, accidents, fires, transportation or industrial activities. ER provides assistance to Fire Departments, State Public Safety Personnel, US Coast Guard, US EPA and other state and local officials, in addition to taking a primary role in supervising the work of hazardous waste clean-up contractors at incidents to insure that the releases or threat to releases are properly addressed. In this capacity DEP may be overseeing the work of contractors hired by responsible parties, or contractors hired by DEP, in instances where a responsible party can't be identified or will not accept responsibility.

As a matter of practice ER responds to the need for field assistance as quickly as possible, 24 hrs per day - 365 days per year. Support staff often provide assistance until a responder arrives at the site which can take considerable time due to geographical limitations.

Boston:

As stated above, the Boston Office's ER program develops state wide policies and programs and insures consistency with these policies and programs at the regional level. Boston personnel also provide any necessary after hours office technical support and backup, until an on-call regional staff person can arrive on scene. Boston personnel are also responsible for communication links assuring response capability around the clock. Outside of normal business hours or when other systems fail, DEP can be accessed through the Department of Public Safety Emergency Access Number (state police): (508) 820-2121. When Public Safety

personnel contact DEP personnel, all other state notifications are made. There is no need to make multiple contacts.

Regions:

All four regional offices have fully trained teams equipped with special vehicles and equipment that respond to OHM releases, fires or other such emergencies. The teams answer calls for assistance and notifications from local officials, responsible parties or other government agencies regarding immediate threats to public health or the environment. The teams respond to about 4,000 requests for action each year. During normal business hours reports of releases should be made to the appropriate Regional Office, if possible. This will expedite response actions.

Northeast Region:	(617)935-2160
Southeast Region:	(508)946-2700
Central Region:	(508)792-7650
Western Region:	(413)784-1100

Boston:	(617)292-5500
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Working With Other Agencies.

All ER staff persons have an internal list of 24-hour contacts for other DEP divisions, such as Water Supply and Water Pollution Control, and other state and federal agencies, such as MA Department of Public Health and US EPA. The ER program serves as a liaison among the notifier and/or responsible party, and other involved or interested agencies as appropriate.

Regional Response Team:

DEP is the designated MA state agency representative on the Regional Response Team (RRT). When the RRT convenes, DEP will provide input on issues such as use of chemical countermeasures, sensitive areas and receptors, implementation of various physical recovery methods, prioritization of resources (e. g - coordination of contractor resources), and other evaluation as required. The RRT representative is accessed via the same ER notification system as described above.

B. Responsible Party Policy

1. **General.** Under OPA 90, the responsible party has primary responsibility for cleanup of a discharge. The response shall be conducted in accordance with their applicable response plan. Section 4201(a) of OPA 90 states that an owner or operator of a tank vessel or facility participating in removal efforts shall act in accordance with the National Contingency Plan and the applicable response plan required. Section 4202 of OPA 90 states that these response plans shall:

(i) be consistent with the requirements of the National Contingency Plan and Area Contingency Plans;

(ii) identify the qualified individual having full authority to implement removal actions, and require immediate communications between that individual and the appropriate Federal official and the persons providing personnel and equipment pursuant to clause (iii);

(iii) identify, and ensure by contract or other means approved by the President, the availability of private personnel and equipment necessary to remove to the maximum extent practicable a worst case discharge (including a discharge resulting from fire or explosion), and to mitigate or prevent a substantial threat of such a discharge;

(iv) describe the training, equipment testing, periodic unannounced drills, and response actions of persons on the vessel or at the facility, to be carried out under the plan to ensure the safety of the vessel or facility and to mitigate or prevent the discharge, or the substantial threat of a discharge;

(v) be updated periodically; and

(vi) be resubmitted for approval of each significant change."

2. **Response Plans.** Each owner or operator of a tank vessel or facility required by OPA 90 to submit a response plan shall do so in accordance with applicable regulations.

3. **Oil Spill Liability.** As defined in OPA 90, each responsible party for a vessel or a facility from which oil is discharged, or which poses a substantial threat of a discharge, into or upon the navigable waters or adjoining shorelines or the Exclusive Economic Zone is liable for the

removal costs and damages specified in Subsection (b) of Section 1002 of OPA 90. Any removal activity undertaken by a responsible party must be consistent with the provisions of the NCP, the Regional Contingency Plan (RCP), the Area Contingency Plan, and the applicable response plan required by OPA 90. If directed by the OSC at any time during removal activities, the responsible party must act accordingly.

2. Planning Organization

A. National Response Team

The NRT's membership consists of 15 federal agencies with responsibilities, interests and expertise in various aspects of emergency response to pollution incidents. The EPA serves as chairman and the Coast Guard serves as vice-chairman of the NRT, except when activated for a specific incident. The NRT is primarily a national planning, policy and coordination body and does not respond directly to incidents. The NRT provides policy guidance prior to an incident and assistance as requested by an OSC via an RRT during an incident. NRT assistance usually takes, the form of technical advice, access to additional resources/equipment, or coordination with other RRTs.

B. Regional Response Team

There are 13 RRTs, one for each of the ten federal regions and Alaska, the Caribbean and the Pacific Basin. Each RRT has Federal and State representation. EPA and the Coast Guard cochair the RRTs. Like the NRT, RRTs are planning, policy and coordinating bodies, and do not respond directly to incidents. The RRTs develop Regional Contingency Plans for their regions. These plans address region specific issues and provide guidance to the OSCs for developing their area plans. The RRTs also provide one level of review for the Area Contingency Plans. The RRTs may be activated for specific incidents when requested by the OSC. If the assistance requested by an OSC exceeds an RRT's capability, the RRT may request assistance from the NRT. During an incident the RRT may either be alerted by telephone or convened. The cognizant RRTs will also be consulted by the OSC on the approval/disapproval of the use of chemical countermeasures when that decision has not been preapproved.

C. Area Committees

The primary role of the Area Committee is to act as a preparedness and planning body. Area Committees are made up of experienced environmental/response representatives-from Federal, State and local government agencies with definitive responsibilities for the area's environmental integrity. Each member is empowered by their own agency to make decisions on behalf of the agency and to commit the agency to carrying out roles and responsibilities as described in this plan. The predesignated Federal On-scene Coordinator for the area will serve as chairman of the Committee. The OSC should solicit the advice of the RRT to determine appropriate representatives from federal and state agencies. The Area Committee is encouraged to solicit advice, guidance, or expertise from all appropriate sources and establish subcommittees as necessary to accomplish the preparedness and planning tasks. Subcommittee participants may include facility owners/operators, shipping company representatives, cleanup contractors, emergency response officials, marine pilots associations, academia, environmental groups, consultants, response organizations and concerned citizens. The OSC will appoint the subcommittee members. The OSC directs the Area Committee's development and maintenance of the Area Contingency Plan.

3. Response Organization

The responders needed for an incident may range from a few to hundreds, representing many government agencies and private industries. Functions and responsibilities of each responders group differ. These diverse elements must be organized into a cohesive unit capable of managing and directing response activities toward a successful conclusion.

Relatively few well-trained response teams exist. These teams, generally associated with metropolitan fire services or with industry, are small and may have limited capability or responsibility. In an incident of any magnitude, where more personnel and resources are needed, a team is assembled from the various responding government agencies or private contractors. An organization is then established.

The organization which is established, regardless of the number of people or agencies involved, to function effectively must:

- Designate a leader
- Determine objectives
- Establish authority
- Develop policy and procedures
 - Assign responsibilities
 - Plan and direct operations
 - Manage resources (money, equipment, and personnel)
 - Establish internal communications

Personnel:

To manage and direct the various operations, personnel or responding agencies must be assigned the responsibility for certain activities. The positions, functions, and responsibilities listed here represent personnel requirements for a major response effort. They should be tailored to fit a particular oil spill incident.

Project Leader/On-Scene Coordinator/Incident Manager: Has clearly defined authority and responsibility to manage and direct all response operations.

Scientific Advisor: Directs and coordinates scientific studies, sample collection, field monitoring, analysis of samples, interpretation of results, and recommends remedial plans and/or actions. Provides technical guidance to the project leader in those areas.

Safety Officer: Advises the Project Leader on all matters related to the health and safety of those involved in site operations. Establishes and directs the safety program. Coordinates these activities with the Scientific Advisor. The Safety Officer can halt operations if unsafe conditions exist.

Field Leader: Directs activities related to clean-up contractors and others involved in emergency and long-term restoration measures.

Public Information Officer: Disseminates information to news media and the public concerning site activities.

Security Officer: Manages general site security. Provides liaison with local law enforcement, fire departments, and controls site access.

Recordkeeper: Maintains official record of site activities.

Operations Officer: Directs activities of team leaders. Coordinates these operations with the Scientific Advisor and Safety Officer.

Team Leaders: Manage specific assigned tasks such as:

- .. entry team(s)
- .. decontamination
- .. sampling
- .. monitoring
- .. equipment
- .. photography
- .. communications

Financial Officer: Provides financial and contractual support.

Logistics Officer: Provides necessary equipment and other resources.

Medical Officer: Provides medical support. Acts as liaison with medical community.

4. Operational Administration

4.1 Documentation and Cost Recovery Procedures

A. GENERAL. Responsible parties are liable for damage claims and removal costs resulting from discharges or substantial threats of discharges of oil into or upon the navigable waters of the United States. For cases where the responsible party is either unknown, or is unable or unwilling to meet this obligation, the Oil Spill Liability Trust Fund (OSLTF) will pay for removal costs and claims. The OSLTF is administered by the Coast Guard's National Pollution Funds Center (NPFC) in Arlington, VA, whose concurrent missions are to provide OSCs with the financial resources to ensure timely and effective response, to ensure legitimate damage claims are liquidated expeditiously, and to ensure proper documentation of expenditures to facilitate cost recovery from responsible parties.

Government expenses must be properly documented in order to recover costs. This will serve to provide the responsible

party with an accurate accounting and, in the event litigation is necessary, to provide concise, accurate, and admissible evidence. The NPFC has published a Technical Operating Procedures for Resource Documentation manual (TOPS) to assist OSCs, which contains all required forms and reports. This section will summarize the most important spill funding issues; readers are referred to the TOPS for details.

B. PRIMARY PERSONNEL. Primary personnel available to the OSC when discussing oil spill removal funding are the Case Officer and the Contracting Officer. Their roles and the support they can provide are as follows:

1. Case Officer - The NPFC assigns a Case Officer to every pollution case in which an OSC accesses the OSLTF. The Case Officer, representing a team of financial and legal specialists at NPFC, tracks the case to assist the OSC, to ensure compliance with the TOPS and to facilitate cost recovery. Funding questions which cannot be answered on scene can be directed to the Case Officer, who will generally only come on scene when requested by the OSC.

2. Contracting Officer - The Coast Guard's Maintenance and Logistics Command, Atlantic (MLC), located in New York City, assigns a Contracting Officer to every case to provide federal contracting expertise and authority, as well as technical expertise in Basic Ordering Agreements (BOAs). The Contracting Officer, will generally only come on scene when requested by the OSC.

C. DOCUMENTATION. Properly completed resource documentation facilitates timely reimbursement to government agencies and contractors involved in a removal, and should be completed as soon after the time of an activity as possible ... preferably daily. When completed, resource documentation must provide a complete audit trail so that compliance with applicable regulations and procedures can be verified.

Complying with documentation requirements can become complex, but two methods have been identified by the NPFC to help ease the burden: the Pollution Incident Daily Resource Reporting System (PIDRRS); and an MPFC approved alternate record keeping system.

1. **PIDRRS.** PIDRRS is a series of forms, instructions, and submission schedules, described in detail in the TOPS. It is based on the use of Standard Rates, which

are published dollar rates for particular personnel resources, services, or products.

- a) Contractors use rates as prescribed in their BOA or as agreed to with the Contracting Officer;
- b) Coast Guard Units use standard rates found in Commandant Instruction 7310.0 (series);
- c) Other Government agencies may have a publication listing their standard rates, and if so should provide this to the OSC. If not, that agency should execute a Pollution Funding Authorization Agreement with the OSC.

2. An NPFC-approved alternate system for government agencies must be an existing system for documenting activities and costs, and must be approved by the NPFC in advance.

D. RESPONSE LEVELS. A three level system has been developed to help determine the complexity of a case and its required resource documentation. The OSC will determine which level best applies to an incident. The following criteria are designed to assist the OSC in making this determination:

Level I - Routine

- 1) Total government costs will not exceed \$50,000;
- 2) Removal activities will probably be completed within one to two weeks;
- 3) Removal activities are localized.

Level II - Moderately Complex

- 1) Total costs are between \$50,000 and \$200,000;
- 2) Removal activities occur at several locations;
- 3) Several external resources such as a strike team, a state agency or other government units are involved; and
- 4) Removal activities will take longer than two weeks to complete.

Level III - Significantly Complex

- 1) Total costs exceed \$200,000;
- 2) Removal activities involve numerous contractors;
- 3) Removal activities occur at several locations; and
- 4) As in Level II, there are several external resources involved.

The OSC is responsible only to verify that the work or services were in fact authorized and received, and not necessarily to verify every line item. Although this does not relieve the OSC of the responsibility for ensuring that ceiling limits are not exceeded, it does help ease the burden of auditing each cost.

In each level, the contractors and other government agencies are responsible for submitting their invoices on a timely basis. Other government agencies should submit an SF-1080 and the contractors use their normal invoicing procedures as prescribed in their BOA. The OSC will review resource documentation submitted, compare the daily resource documentation against the SF-1080's and invoices, and certify the receipt of services as reflected on the documentation.

E. CLAIMS. Persons and government agencies which incur damages as a result of discharges or substantial threats of discharges of oil are entitled to compensation, and OPA 190 provides for a mechanism to expedite this process. The Responsible Party is primarily liable for satisfying legitimate claims expeditiously. If the Responsible Party is either unknown, or is unable or unwilling to meet this obligation, or the claim is denied or remains unpaid for 90 days the NPFC will pay the claim from the OSLTF. This applies to both uncompensated removal costs and uncompensated damages resulting from the discharge. Section 1002 of OPA 90 describes damages as including natural resources, real or personal property, subsistence use, revenues, profits and earning capacity, and public services. The responsible party, as designated by the OSC, is required to advertise, in a manner directed by the NPFC, the name, address, telephone number, office hours, and work days of the person or persons to whom claims are to be presented and from whom claim information can be obtained.

If the responsible party denies responsibility, proves unwilling or unable to deal with claims, or refuses to advertise, the NPFC will assume the role of responsible party for the purpose of receiving and paying claims. As such, the NPFC will advertise as described above, listing either their offices in Arlington, VA, or a locally established claims office, as deemed appropriate by the OSC and NPFC for the case.

4.2 OSC Access to the Fund

A. GENERAL. When responding to an oil pollution incident, and when deemed appropriate, the OSC assigns a Federal Project Number (FPN) and assigns a dollar ceiling. As removal activities proceed, if it appears costs will exceed the original ceiling the OSC requests an increase to the ceiling.

The costs of all purchases, contracts, services, and authorizations of activity are applied against the ceiling. Each contractor or government agency is responsible for keeping track of their costs during the removal and for staying inside the limits given them by the OSC, or requesting more if needed.

B. CONTRACTING. A BOA contractor must be selected over one with no BOA. BOA contractors are initially hired by verbal order, followed by a written contract (Optional Form 347) for each incident, which will include the specific number of personnel and equipment needed, estimated cost, and the FPN. The OSC-authorized ceiling for a BOA contractor is set at \$25,000 per incident, per BOA contractor selected (two or more BOA contractors can be hired to perform different tasks on one incident at a maximum of \$25,000 each). Contractor services which will exceed the OSC's limit must be approved by the Contracting Officer.

Unless the BOA contractor cannot provide a timely and adequate response, selection of a non-BOA contractor by an OSC is not authorized. The Contracting Officer is generally the only person authorized to hire a non-BOA contractor. If the Contracting Officer cannot be reached in a timely manner, the OSC is authorized to issue non-BOA purchase orders, on an emergency basis only, with a limit not to exceed \$25,000 per incident. The OSC must contact the Contracting Officer within twenty-four hours after exercising this emergency authority. If the OSC determines that another agency (federal, state, local, or Indian tribe) can assist in a removal effort, the OSC may authorize that agency to perform removal actions, by executing a Pollution Removal Funding Authorization which specifies who is authorized to do what, when, and at what cost.

4.3 State Access to the Fund

A. GENERAL. OPA '90 authorizes the President, upon request of the Governor of a State, to obligate the OSLTF for payments not to exceed \$250,000 per incident, for removal costs consistent with the National Contingency Plan, required for the immediate removal of a discharge, or the

mitigation or prevention of a substantial threat of a discharge, of oil. The responsibility for implementing this section of the Act has been delegated to the NPFC. The NPFC has published a TOPS for State Access, and promulgated regulations at 33 CFR Part 133 entitled, "State Access to the Oil Spill Liability Trust Fund for Removal Costs Under the Oil Pollution Act of 1990."

B. OPTIONS. There are three methods available to states and/or political subdivisions thereof for payment of removal costs:

- Direct State Access to the OSLTF
- Execute a Pollution Funding Authorization Agreement with the federal OSC or;
- File a claim after the fact with either the Responsible Party or the NPFC.

C. SUMMARY. Requests to directly access the Fund must be made by Governors or their designated representatives to the OSC. The OSC reviews the request for eligibility under the Act and applicable regulations, then approves or denies the Governor's request. The regulations provide minimum standards to guide the OSC in making eligibility decisions. States are required to coordinate their removal actions with the OSC and retain records of expenditures. The provisions of the Federal Grant and Cooperative Agreement Act and the regulations of the U.S. Department of Transportation regarding Federal assistance programs apply to payments from the Fund, and are described in the TOPS.

In the alternative, States may execute a Pollution Funding Authorization Agreement with the OSC, which effectively acts as a contract between the State and the OSC. In this Agreement, both parties agree certain types of removal activities are authorized and costs associated with each are spelled out. Lastly, States may pay for their activities themselves, then file a claim for reimbursement with either the OSC or the Responsible Party, as appropriate.

5. Area Committee Organization

The Regional Response Team (RRT) was designated as the initial Area Committee in the Federal Register Vol. 57, No. 80 on April 24, 1992. The Area Committee is chaired by Dennisses Valdes, U.S. EPA Federal On-Scene Coordinator.

Chairperson

Dennisses Valdes
Federal On-Scene Coordinator
U.S. EPA
Emergency Response Section
60 Westview Street
Lexington, MA 02173

* David W. Tordoff
Federal On-Scene
Coordinator

Same address as primary

The following list consists of primary and alternate representatives to the RRT.

* indicates alternate
person

\ indicates non-member
resource person

U.S. Department of Agriculture

Mr. Rick D. Cables
White Mountain National Forest
719 Main Street
P.O. Box 638
Laconia, NH 03247

*Ms. Joan Carlson

Same address as primary

Office: (603) 528-8721

Office: (603) 528-8721

U.S. Department of Commerce

Mr. Ken Finkelstein
NOAA/Hazardous Materials Response
and Assessment Division
c/o Waste Management Division
(HEE-CAN6) EPA Region I
90 Canal Street
Boston, MA 02203
Office: (617) 573-9699
FAX: (617) 573-9662

*Mr. John Lindsay
Same address as primary

Office: (617) 573-9699

Scientific Support Coordinator \

Mr. Stephen M. Lehmann
NOAA
First Coast Guard
District
408 Atlantic Avenue
Boston, MA 02210
Office: (617) 223-8016

Scientific Support Coordinator \
* Region II
COP Long Island Sound which
covers Connecticut

Mr. Edwin Levine
NOAA\SSC
Building 110, Box 2
Governors Island
New York, NY 10004
Office: (212) 668-6428

U.S. Department of Defense

U.S. Army

Vacant
Chief Contingency Plans Branch
First U.S. Army (AFKA-OP-MP)
Fort Meade, MD 20755-7000

* Col. Don Prewitt
Same Address and Contact
Numbers as Primary

Office: (410) 677-2610, 7983
FAX #: (410) 677-7651
Non-Work Hr: Duty Officer
(410) 677-7983, 2610

U.S. Navy

(Group #1 NOSC)
CMDR Naval Aviation Activities
Brunswick. NAS Box 30
Brunswick, ME 04011
Attn: CDR Bill Slagle
Tel: (207) 921-2454, 2600

(Group #2 NOSC)
CMDR Submarine Group Two
Bldg. 439 Code 01E
NAVSUBASE New London
Groton CT 06349-5100
Attn: Robert Jones
Tel: (203) 449-3075
Fax: (203) 449-4699

*CO Naval Computer and
Telecommunications
Station Cutler
East Machias ME 04630
Attn: Norman Laberge
Tel: (207) 259-8283

*CO Naval Construction
Battalion Ctr
Davisville RI 02854
Attn: CWO Jack Sprengle
Tel: (401) 267-6571

*CO Portsmouth Naval Shipyard
Portsmouth, NH 03804-5000
Attn: Code 120
Tel: (207) 438-1744

*CO Naval Education and
Training Ctr
Bldg.1 Public Works Dept.
Newport RI 02840-5001
Attn: LT Jeff Borowy
Tel: (401) 841-3735

* CO, Supervisor of Ship-
building, Conversion and Repair
574 Washington St.
Bath ME 04530
Attn: Barry Richardson
Tel: (207) 442-2829

* CO, Naval Undersea Warfare
Center
Newport RI 02841-5062
Attn: Tony Dagnanica
Tel: (401) 841-2610

* CO, Naval Security Group
Activity
Winter Harbor ME 04693
Attn: Dale Woodard
Tel: (207) 963-7580

* CO, Naval Submarine
Base New London
Public Works Dept.
Groton CT 06349
Attn: Suzanne Berkman
Tel: (203) 449-4481

* CO, Naval Air Station
Brunswick ME 04011
Attn: Greg Aprehand
Tel: (207) 921-2702

* CO, Naval Air Station
South Weymouth, MA 02190
Attn: LT David Murphy
Tel: (617) 786-2655

U.S. Air Force

Director
Air Force National Security
Emergency Preparedness Division
Fort McPherson, GA 30030-5000

*Mr. Roger B. Ruark
Deputy Director
Same Address and
Contact Number as Primary

24 Hr: (404) 752-4342

Commander
Colonel Thomas D. McGurk
3245 ABC/CC
Hanscom AFB
Bedford, MA 01731

* Deputy Commander
Lt. Col. Willard N. Mills
647th Support Group/CD

Office: (617) 377-4441
Public Affairs: (617) 377-5191

* Mr. Chris Perkins
Chief Engineer
L.G. Hanscom AFB
Bedford, MA 01731

Office: (617) 377-4352

Base Commander
Colonel Thomas G. Hargis
Westover Air Force Base
Chicopee, MA 01022-5000

* Wing Commander
Col. James P. Czekanski
(413) 557-3562

Office: (413) 557-1110
Public Affairs: (413) 557-2072

Commander
General John Haack
102nd Fighter Interceptor Wing
Otis Air National Guard Base
Air Force Base, MA 02542-5001

* Deputy Commander for
Spt.
Colonel Ernest Keating
Office: (508) 968-4106

Office: (508) 968-1000
Public Affairs: (508) 968-4090
Commander
Colonel Allan K. Bean
42 SPTG/CC
Loring Air Force Base
Limestone, ME 04751-5100

Office: (207) 999-2161

* Deputy Support Group
Commander
Lt. Col. Terrance L.
Stokka
42 SPTG/CD
Loring Air Force Base
Limestone, ME 04751-5000

U.S. Army Corps of Engineers

° Mr. Burnie Manon, Chief
Emergency Operations Branch
U.S. Army Corps of Engineers
424 Trapelo Road
Waltham, MA 02154

°* Mr. Steve Andon
Natural Disasters, Mngr
Same Address as Primary

Office: (617) 647-8275

Office: (617) 647-8533

° New England except Lake Champlain

@ Mr. William Petronis, Chief
Albany Field Office
U.S. Army Corps of Engineers
P.O. Box 209
Lansingburg Station
(Foot of Bond St.)
Troy, NY 12182

@* Richard Campbell
Albany Field Office
U.S. Army Corps of
Engineers
Same Address as Primary

Office: (518) 273-0870

Office: (518) 273-0870

@ Lake Champlain Only

U.S. Nuclear Regulatory Commission

Mr. James H. Joyner, Chief
Program U.S. Nuclear Regulatory
Comm. Region I
Facilities & Radiological Safety
and Safeguard Branch
475 Allendale Road
King of Prussia, PA 19406

Office: (215) 337-5370

* Dr. Richard W. Copper II,
Division Director
Radiant Safety & Safe Guards
U.S. Nuclear Regulatory
Commission Region I
Fuel Facility & Materials
Safety Branch
475 Allendale Road
King of Prussia, PA 19406

Office: (215) 337-5283

U.S. Department of Energy

Mr. Hugh Saussy, Director
U.S. Dept. of Energy
One Congress Street
11th Floor
Boston, MA 02114

* Mr. Duanne Day
Public Affair Officer
Same Address as Primary

Office: (617) 565-9710

Office: (617) 565-9705

Federal Emergency Management Agency

Mr. Albert A. Gammal
Natural & Technological Hazards
Division Chief
Federal Emergency Mgmt. Agency
J.W. McCormick P.O. Building &
Courthouse
Boston, MA 02109-4595

* Mr. William Creamer
Same Address as Primary

Office: (617) 223-4412

Office: (617) 223-9559

U.S. Department of Health and Human Services

Mr. Robert Verrico
Special Program Coordinator
OS, RASC, DHHS
Room 1512, JFK Federal Building
Boston, MA 02203

* Mr. Kevin P. McManus
Regional Industrial
Hygienist
NIOSH, PHS, DHHS
Room 1401, JFK Federal
Building
Boston, MA 02203

Office: (617) 565-1077

Office: (617) 565-1444

Regional Liaison Officer to US EPA REGION I

Agency For Toxic Substances and Disease Registration (ATSDR),
DHHS:

Louise House
Environmental Health Scientist
Senior Regional Representative
Environmental Services Division
US EPA Region I ATSDR
Lexington, MA 02173

* Susanne L. Simon
Environmental Health
Scientist
Regional Representative
ATSDR

Office: (617) 860-4314

Office: (617) 223-5525,
5526

U.S. Department of the Interior

Mr. William Patterson
Regional Environmental Officer
Office of the Secretary
Department of the Interior
Room 142
408 Atlantic Avenue
Boston, MA 02110-3334
Office: (617) 223-8565
Fax: (617) 223-8569

*Andrew Raddant
Same Address and Contact
Number as Primary

*Dolores Savignano
U.S. Fish & Wildlife
300 Westgate Center Drive
Hadley, MA 01035-9589

Office: (413) 253-8613
Fax: (413) 253-8482

U.S. Department of Justice

- mailing address
Cynthia Huber
U.S. Dept. of Justice
Env. and Natural Resources Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044-7611

- mailing address
* R. Scott Blaze
U.S. Dept. of Justice
Civil Division
P.O. Box 14271
Washington, D.C.
20044-4271

- location
1425 New York Avenue
Room 11070
Washington, D.C. 20005

- location
1425 New York Avenue
Room 10100
Washington, D.C. 20005

Office: (202) 514-5273
Fax: (202) 616-2427

Office: (202) 616-4042
FAX: (202) 616-4002

U.S. Department of Labor

Dr. Ronald S. Ratney
Asst. Reg. Admin. for Technical
Support
U.S. DOL-OSHA
133 Portland Street
Boston, MA 02114

* Mr. Fred Malaby
U.S. DOL-OSHA
Same Address as
Primary

Office: (617) 565-7164 Ext. 30
Fax: (617) 565-7157

Office: (617) 565-7164
Ext. 131

U.S. Department of State

Mr. Robert Blumbers
Direct Supervisor of Ocean
Affairs
Office of Ocean & Polar Affairs
Room 5801 OEA/OA
U.S. Department of State
Washington, DC 25020
Office: (202) 647-4970
Fax: (202) 647-1106

* Maureen Walker, Director
Division of Ocean Law and
Policy
Same Address as Primary

Office: (202) 647-9098

U.S. Department of Transportation

RRT Co-Chair, Captain
Eric J. Williams III USCG
Chief, Marine Safety Division
First Coast Guard Division
408 Atlantic Avenue
Boston, MA 02210-2209

Office: (617) 223-8439
District Operations
Center: (617) 223-3644

* LCDR Robert Hazelton
USCG
Chief, Marine Env. Pro.
First Coast Guard
Division
408 Atlantic Avenue
Boston, MA 02210-2209

Office: (617) 223-8441
District Operations
Center: (617) 223-3644

\LT Tom Walker
Regional Response Team
Coordinator
Marine Environmental
Protection
U.S. Coast Guard
Commander (mep)
First Coast Guard
District
408 Atlantic Ave
Boston, MA 02210-2209
Office: (617) 223-8586

U.S. Environmental Protection Agency

RRT Co-Chair, Mr. Edward Conley,
Director, Environmental Services
Division
U.S. Environmental Protection
Agency
60 Westview Street
Lexington, MA 02173
Office: (617) 860-4315

* Mr. Donald Porteous
Deputy Director
Same Address as Primary

Office: (617) 860-4317

Inland Regional Response
Center: (617) 223-7265

Inland Regional Response
Center: (617) 223-7265

\ Mr. Donald Berger,
Branch Chief (EEB)
Emergency Planning &
Response Branch
U.S. Env. Protection
Agency
60 Westview Street
Lexington, MA 02173

Office: (617) 860-4368

\ Mr. Leonard B. Wallace
Regional Response Team
Coordinator
Emergency Response Section (EEP)
U.S. Env. Prot. Agency
60 Westview Street
Lexington, MA 02173

\ Mr. Merrill Hohman
Director
Waste Management Div.
U.S. Env. Protection
Agency (HAA-CAN2)
JFK Federal Building
Boston, MA 02203

Office: (617) 860-4694

Office: (617) 573-5700

General Services Administration

Steve Ruggiero, Director
Administration Services
General Services Administration
26 Federal Plaza (2CA)
New York, New York 10278
Office: (212) 264-8262
FAX (FTS) 264-2760

Connecticut

Mr. William D. Hegener, Director
Oil & Chemical Response Div.
Dept. of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

* Mr. Charles Zieminski
Oil & Chemical Response Div.
Dept. of Environmental
Protection
79 Elm Street
Hartford, CT 06106-5127

Office: (203) 566-4633, 4686

Maine

Mr. David Sait, Director
Division of Response Services
Dept. of Environmental Protection
State House Station #17
Augusta, ME 04333

* Ms. Mary R. James
Div. of Response Services
Same Addresss as Primary

Office: (207) 287-2651

Office: (207) 287-2651

Massachusetts

Ms. Trudy Coxe
Secretary of Env. Affairs
100 Cambridge Street
Boston, MA 02202

Office: (617) 727-9800

* Daniel Greenbaum
Commissioner
Dept. of Env. Protection
1 Winter Street
Boston, MA 02108

Office: (617) 292-5856

\ Madeline Snow
Director Division of Release
Assessment and Remediation
Dept. of Env. Protection
1 Winter Street
Boston, MA 02108

Office: (617) 292-5851

New Hampshire

George Iverson
Governor's Office of
Emergency Management
State Office Park South
107 Pleasant Street
Concord, NH 03301

Office: (603) 271-2231

* Mr. Leland M. Kimball
SERC Coordinator

Same Address as Primary

Office: (603) 271-2231

* Mr. Richard Berry
NH Dept. of Environmental
Services
6 Hazen Drive
Concord NH 03301

Office: (603) 271-3440

Rhode Island

Mr. James Fester
Dept. of Env. Management
291 Promenade Street
Providence, RI 02903

Office: (401) 277-2234

* Mr. John Aucott
Emergency Manage. Agency
State House - Room 27
Providence, RI 02903

Office: (401) 421-7333

Vermont

Mr. William Barry
Dept. of Environmental
Conservation

Hazardous Materials Management Division
103 S. Main Street, West of Bldg.
Waterbury, VT 05671-0404

* Mr. John Miller

Same Address as Primary

Office: (802) 241-3888

Office: (802) 241-3888

6. Operations

This section contains six brief checklists of items which should be considered during a spill incident. Although they are listed in a logical progression many of the steps may be undertaken concurrently. The lists address notification, initiating a response, containment, cleanup, and disposal. An attempt has been made to "cover all the bases", so the extent to which these lists are used will be directly dependent upon the magnitude of the incident.

6.1 Emergency Notification List

- A. State Response Agency
- B. National Response Center
- C. Natural Resources Trustee
- D. Regional Response Team

6.2 Checkoff Lists

A. Notification of Spill Incident

1. Spill Report Form

- a. Time Received
- b. Caller Name, Address, & Phone Number
- c. Vessel/Facility Information
 - (1) Name
 - (2) Type of vessel/facility
 - (3) Nationality (Vessel only)
 - (4) Location of Incident
 - (5) Time of Incident
 - (6) Type of Incident (Explosion, Grounding, etc.)
 - (7) Pollutant(s)
 - (8) Estimated Amount Spilled
 - (9) Total Potential Amount
 - (10) Weather/Sea Conditions
 - (11) Point of Contact (Responsible Party Name & Phone #)
 - (12) Vessel Agent(s) (Name & Phone #)
- d. Spill Classification
 - Inland - Major (>10k gals)
 - Medium (1k - 10k gals)
 - Minor (<1k gals)
 - Coastal - Major (>100k gals)
 - Medium (10k - 100k gals)
 - Minor (<10k gals)

2. Notification

3. Initiate chronological log of events

B. Initial Response

1. Dispatch pollution response team
2. Prepare press statement
 - Press statement to read along these lines "Yes we have received a report of a spill and are in the process of investigating. A formal press release will be prepared as soon as more information is received." It is critical to give accurate information to the press as quickly as possible. If no information is available, tell them so, but ensure that they are given the information as soon as it is available.
3. Assess personnel safety
 - Determine personnel safety equipment needed based on potential and existing exposure
4. Assess fire/explosion hazard
5. Determine threat to public health
6. Secure or isolate source
7. Define nature of incident
 - a. Determine Responsible Party
 - b. Determine environmental impact
 - c. Determine status of spill
 - d. Determine movement of spilled product
 - e. Determine environmental resources/vulnerable areas at risk
8. Evaluate severity of incident and the need for additional resources
 - a. Initial assessment of incident severity
 - b. Estimate duration of spill response efforts
9. Issue Letter of Federal Interest
10. Issue Letter of Designation of Source
11. Issue Directive/Administrative Order
12. Issue Letter of Federal Assumption
13. Initiate response strategy
14. Public Affairs Officer to draft press release

C. Response Strategy

1. Evaluate level of response needed for incident (Use scenarios as general guide)
 - a. Most probable discharge
 - b. Maximum most probable discharge
 - c. Worst case discharge
2. Evaluate if special circumstances exist requiring special action
 - a. Fire/explosion
 - b. Vessel grounding
 - c. Lightering operations
 - d. Salvage operations

3. Implement support infrastructure
Determine response structure that will be used, and from there determine level of support needed to fill positions in the structure.
4. Mobilization of personnel
Determine personnel needed for response, and identify source of personnel. Ensure personnel are properly trained, and health and safety issues are addressed.
5. Mobilization of equipment
 - a. Type of equipment needed
 - b. Quantity
 - c. Location - staging area
 - d. Support needed
 - (1) Boats for hauling and positioning boom
 - (2) Aircraft support for transporting equipment
 - e. Additional requirements
 - f. Contact list
6. Logistics
 - a. Logistics needed to support personnel
 - (1) Food
 - (2) Lodging
 - (3) Additional clothing
 - (4) Transportation
 - b. Logistics needed to support response
 - (1) Adequate communications
 - (2) Command post - Establish command post in location to support response. Command post must be adequate in size to support the anticipated number of personnel.
 - (3) Air support (overflights)
 - (a) Coast Guard and Auxiliary
 - (b) Other agencies
 - (c) Private sources
7. Local impacts
 - a. Impact on water intakes
 - (1) Drinking water
 - (2) Industrial
 - b. Transportation of fresh water supply
8. Funding issues
 - a. OSC access to the Fund
 - b. State access to the fund
 - c. Vendors - BOA policy
9. Volunteers
10. Fish, wildlife and habitat protection and mitigation of damage
11. Ensure coordination with natural resource damage assessment personnel

D. Containment and Cleanup

1. Strategy
 - a. Offshore considerations
 - b. Nearshore considerations
 - c. Shoreline considerations
 - d. Inland considerations
 - e. Sensitive areas
2. Staging areas
3. Integrated cleanup system
 - a. Booming and containment
 - b. Recovery of spilled product and contaminated debris (test for components of recovered product)
 - c. Temporary storage (RCRA permit)
 - d. Transport of collected material for disposal (RCRA permit)
4. Monitor oil movement
 - a. overflights
 - b. Computer modeling/trajectories
 - c. Continue to monitor proximity of spill to sensitive areas
5. Use of dispersants, other chemicals or other spill mitigating devices or substances.
 - a. Pre-approved areas
 - b. RRT Approval process
 - c. Forms
 - d. Field tests
 - e. Documentation of effectiveness
6. Shoreline cleanup
7. Set aside areas for research purposes and countermeasure effectiveness determination
8. Monitor and refine cleanup strategies
9. Develop criteria/guidance for terminating cleanup. Input from:
 - a. Unified Command and (OSC, State, Responsible party)
 - b. SSC and Federal, State and local scientific community including trustees
 - c. RRT

E. Removal and Waste Disposal

1. Federal, State and local laws/regulations
2. Volume of oil or hazardous substance for disposal
3. Identify disposal locations (onsite vs. offsite)
4. Obtain necessary permits
5. Secure transportation for product disposal
6. Outline disposal plan

F. Secure Operations

1. Unified Command coordination
2. Final survey
3. Clean/return equipment
4. Survey/replace equipment
5. Restore damaged areas
 - a. Consultation with appropriate Natural Resource Trustee
 - b. Consultation with property owners

G. Cost Recovery/Documentation

7. Applicable MOAs/MOUs

A. GENERAL. A memorandum of understanding (MOU) or agreement (MOA) is a written statement between two or more parties that outlines the terms of a contract or negotiation. It can spell out who is responsible for what work, duties, actions, and how to resolve any disputes that occur. MOUs/MOAs between the EPA and various governmental agencies that involve or effect the EPA's mission regarding response to discharges of oil into the environment are especially important to contingency planning. The following is a listing and brief description of the MOUs that the EPA has entered into with other governmental agencies that are involved in, or have an interest in, oil spill response.

1. **MOU Between the Environmental Protection Agency and the U. S. Coast Guard Concerning the Mitigating of Damage to the Public Health or Welfare Caused by a Discharge of a Hazardous Substance under Section 311 of the Clean Water Act - Signed 3 October 1979.** The U.S.C.G. and the EPA agree that the responsibility for the mitigation of damage to the public health and welfare caused by the discharge of hazardous substances shall be shared by the U.S.C.G. and EPA. This MOU establishes policy concerning the responsibilities of the EPA and U.S.C.G. regarding mitigation actions.

2. **Canada - United States Joint Marine Pollution Contingency Plan - Signed 15 September 1983.** The purpose of this plan is to provide a framework for U.S.-Canada cooperation in response to pollution incidents that may pose a significant threat to the waters or coastal areas of both parties, or, although affecting only one party, are of such a magnitude as to justify a request to the other party for assistance.

III. RESPONSE RESOURCE CAPABILITIES

1. Personnel and Information Resources

This ACP addresses the inland zone of EPA Region I, which includes the six New England States. The space required to list all of the personnel and information resources for the Region is too great to be listed in the text of this plan. The mechanism to access information and personnel from federal and state agencies to assist with a pollution incident is by calling the EPA Region I Duty Officer at (617) 223-7265. This is an emergency number which is manned twenty-four hours per day. The duty officer may also be reached by calling the National Response Center at (800) 424-8802. The six New England states also have twenty-four hour telephone numbers for their respective environmental agencies and are listed below.

	<u>Daytime</u>	<u>24-hr.</u>
Connecticut	(203) 566-4633	(203) 566-3338
Maine	(207) 287-2651	(207) 657-3030
Massachusetts	(617) 292-5648	(508) 820-2121
New Hampshire	(603) 271-3503	(800) 346-4009
Rhode Island	(401) 277-2234	(401) 277-2284
Vermont	(802) 244-8721	(800) 641-5005

2. Special Forces

United States Coast Guard
Atlantic Strike Team
Fort Dix, NJ
609-724-0008

The Atlantic Strike Team (AST) is available to assist the Federal On-Scene Coordinator in the immediate and effective removal of uncontrolled releases, or threats of releases, of oil and hazardous substances to the navigable waters of the United States.

The following is a description of available response equipment maintained by the AST.

a. Ready-Response Loads

- (1) Open-Water Oil Containment and Recovery System (OWOCRS) Ready-Load
- (2) Pump Ready-Load - Contains all equipment necessary to offload grounded commercial vessels.
- (3) Vessel of Opportunity Skimming System (VOSS) Ready Load

- (4) Small Pump Ready-Load - Contains all components necessary to off-load small commercial and fishing vessels.
 - (5) Level "A" Response Trailer - Contains all equipment necessary to deploy one level "A" team and support group, consisting of 10 persons. Unit is C-130 deployable with towing vehicle.
- b. Boats, including support equipment. Vessels have additional horsepower to ensure towing capability.
 - (1) 321 Munson
 - (2) 231 Sea Arc
 - (3) 181 Sea Arc
 - (4) 171 Rigid-Hull Inflatable
 - (5) 16' Achilles Inflatables, 8 ea
- c. Dracone Inflatable Barges
 - (1) "F" Dracone (50,000-gal. cap.), 2 ea
 - (2) "O" Dracone (300,000-gal. cap.), 1 ea
- d. Communications Equipment
 - (1) Motorola Saber 3000, ruggedized, VHF, 72 channels, 26 ea
 - (2) Motorola Saber 3000, std, UHF, 6 ea
 - (3) Cellular Phones, 6 ea
 - (4) Base Stations, 3 ea
 - (5) Fax Machines, Portable, 4 ea
 - (6) Satellite Phone, 1 ea
- e. Response Kits
 - (1) Oil Spill Hazardous Substance Sampling Kit, 2 ea
 - (2) Grounded Vessel Damage Assessment Kit, 2 ea
 - (3) On-Scene Coordinator Kit, 6 ea
 - (4) McIntosh Portable Computers, 4 ea
 - (5) Global Positioning Systems, 4 ea
- f. Auxiliary Equipment
 - (1) Lighting Towers, 2 ea
 - (2) Level "B" HazChem Trailer - For outfitting one level "B" response team
 - (3) OWOCRS ADC Containers, 5 ea - These are skimming barrier container boxes necessary to operate OWOCR in skimming mode.

3. Equipment

The following is a list of available response equipment in the area.

This list has been compiled from information voluntarily submitted by oil spill response organizations to the United States Coast Guard National Strike Force Coordination Center (NSFCC) for inclusion in the Response Resource Inventory (RRI) System.

As required by the Oil Pollution Act of 1990, the RRI is maintained and continuously updated by the NSFCC. As noted, participation in the RRI is voluntary; therefore, this list is not designed to be an exhaustive accounting of all available response resources in the area. As the NSFCC receives more data on area cumulative response resources, this list will be updated to reflect those changes.

For complete address and point of contact information, please see Site-ID Information Section.

As of 10/18/93

Site-id Telephone	Site Name	City	St
0004	Winninghoff Boats, Inc.	Rowley	MA
0013	H. BARBER & SONS INC.	NAUGATUCK	CT
0020	AAA OIL POLLUTION SPECIALISTS, 718-729-2122	LONG ISLAND CITY	NY
0032	OHM Remediation Serv. Corp.9 800-242-4644	Hopkinton	MA
0049	CLEAN HARBORS ENVIRONMENTAL SE 800-645-8265	QUINCY	MA
0050	BANGOR SERVICE CENTER	BANGOR	ME
0052	S PORTLAND SERVICE CENTER	S. PORTLAND	ME
0053	HOOKSETT SERVICE CENTER	HOOKSETT	NH
0054	S BOSTON SERVICE CENTER	S BOSTON	MA

0055	SHREWSBURY SERVICE CENTER	SHREWSBURY	MA
0056	PROVIDENCE SERVICE CENTER	PROVIDENCE	RI
0058	EDISON SERVICE CENTER	EDISON	NJ
0061	ALBANY SERVICE CENTER	GLENMONT	NY
0062	SYRACUSE SERVICE CENTER	SYRACUSE	NY
0069	MPC - Boston, Massachusetts 313-849-2333	S. Boston	MA
0081	MPC - New York Harbor 313-849-2333	Somerville	NJ

Beach Cleaners Detailed Information

Legend:

SS = Self-supporting

Type Site-Id	Model	Weight	Quantity	SS

MECHANICAL CLEANER 0013	600-HD	6000	2	Y
MANUAL CLEANER 0020		180	25	Y
WASHER 0020	3500	200	2	Y
WASHER 0020	2000 lb.	200	1	Y
WASHER 0020	1200 lb.	200	2	Y
STEAMER 0032	5640	2000	2	Y
WASHER 0032	PD4-25321	550	2	Y

Boom Detailed Information

Legend:

Hgt = Height

C = Calm Water

H = Harbor

Wgt = Weight

O = Offshore

R = River

Env = Environment

Env/ Type CHOR	Owner	Model	Total Length(ft)	Hgt (in)	Connector Type	Wgt(lb)
		Model	Length(ft)	(in)	Type	Wgt(lb)
CURTAIN NYNN 0020		HARBOR BOOM	6000	24	QUICK	3000
VARIOUS YYYN 0032		various	200	18	VARIOUS	1
FENCE NYYN 0049		PERMAFENCE	800	24	SLIDE	3600
FENCE NYNN 0050			800	24	UNIVERSAL	3600
FENCE NYYN 0052			6800	18	UNIVERSAL	11560
FENCE YYYN 0053			1000	18	HOOK AND	1700
FENCE YYYN 0054			3300	18	HOOK AND	5600
FENCE YYYN 0054			700	36	HOOK AND	2000
FENCE YYYY 0054		SUPERMAX	1800	36	UNIVERSAL	5200
FENCE YYYN 0055		SIMPLEX	750	18	UNIVERSAL	1275
FENCE YYYN 0056			3000	18	HOOK AND	5100
FENCE YYYY 0056		PERMAFENCE	1000	26	UNIVERSAL	4500

FENCE YYYN 0058	MINIMAX	3000	18 UNIVERSAL	3600
FENCE YYYN 0058	MAXIMAX	1000	36 UNIVERSAL	2500
FENCE YYYY 0061	SIMPLEX	1000	18 UNIVERSAL	1700
FENCE YYYN 0061	SIMPLEX	200	18 UNIVERSAL	340
FENCE YYYY 0062		500	26 UNIVERSAL	2250

Dispersants Detailed Information

Manufacturer

Model

Quantity(gal) Owner

JANSOLU

JANSOLU #60 SPRAY

330 0020

Dispersant Delivery Detailed Information

Type Owner	Model	Quantity(ea)
PORTABLE EQUIPMENT 0020	HOMLITE	1

COAST GUARD DISTRICT 1

Fire-fighting Equipment Detailed Information

Type Weight(lb) Owner	Model	Quantity(ea)

FIRE MONITOR 800 0069	Dual nozzle	1
800 0081	Dual nozzle	1

Oil/Water Separator(s) Detailed Equipment Information

Discharge Type (ppm)	Owner	Model	Capacity (gpm)	Quantity (ea)	

COALESCING 0020			150	1	150

Portable Storage Detailed Information

Draft Type (ft)	Owner	Model	Capacity (gal)	Quantity (ea)
TANK TRUCKS 0 0020		NYC FIRE DEPT	3000	5
MODULAR STORAGE CONTAINER 1 0032	n/a		12000	8
MODULAR STORAGE CONTAINER 1 0032	n/a		50000	1
MODULAR STORAGE CONTAINER 1 0032	n/a		10000	1
PORTABLE STORAGE TANKS 2 0050			330	2
PORTABLE STORAGE TANKS 12 0052		FRAC TANK	22500	2
SKIDMOUNT TANK 4 0053		PORTABLE STORAGE	1000	1
FRAC TANK 12 0054		FRAC TANK	22500	3
FRAC TANK 12 0056		FRAC TANK	22500	1
FRAC TANK 12 0061		FRAC TANK	22500	1
TANK TRAILER 12 0061		TANK TRAILER	5000	3

Product Transfer Pump(s) Detailed Information

Legend:

Cap = Capacity
Self-supporting

Qty = Quantity

Wgt = Weight

SS =

Type	Cap(gpm)	Qty(ea)	Wgt(lb)	Power Rqmt
SS Owner				
CENTIFUGAL Y 0020	100.0	2	65.0	AIR
CENTIFUGAL Y 0020	1150.0	1	2400.0	DIESEL
TRASH Y 0020	150.0	5	80.0	GAS
TRASH Y 0020	150.0	3	75.0	GAS
CENTIFUGAL N 0032	267.0	2	150.0	ELECTRIC
DIAPHRAGM N 0032	100.0	9	150.0	ELECTRIC
SUBMERSIBLE N 0032	120.0	16	150.0	ELECTRIC
AIR DRIVEN DRUM PUMP N 0050	25.0	1	20.0	AIR
DIAPHRAGM N 0050	100.0	2	65.0	AIR
DIAPHRAGM N 0050	100.0	1	65.0	AIR
DIAPHRAGM N 0052	100.0	2	65.0	AIR
DIAPHRAGM N 0052	100.0	1	65.0	AIR
DIAPHRAGM N 0052	200.0	1	85.0	AIR

SLIDING SHOE N 0052	500.0	1	400.0 HYDRAULIC
ARCHIMEDEAN SCREW N 0053	60.0	1	30.0 ELECTRIC
DIAPHRAGM N 0053	200.0	1	85.0 AIR
DIAPHRAGM N 0053	100.0	1	65.0 AIR
AIR DRIVEN DRUM PUMP N 0054	20.0	4	20.0 AIR
ARCHIMEDEAN SCREW N 0054	30.0	2	20.0 ELECTRIC
CENTIFUGAL N 0054	500.0	10	300.0 DIESEL
CENTIFUGAL Y 0054	200.0	1	150.0 GAS
CENTRIFUGAL FISH N 0054	25.0	3	125.0 HYDRAULIC
DIAPHRAGM N 0054	200.0	2	85.0 AIR
DIAPHRAGM N 0054	100.0	2	65.0 AIR
DIAPHRAGM N 0054	60.0	3	400.0 AIR
DIAPHRAGM N 0054	250.0	1	100.0 AIR
SLIDING SHOE N 0054	300.0	1	175.0 DIESEL
DIAPHRAGM N 0055	100.0	6	65.0 AIR
CENTIFUGAL N 0056	100.0	2	90.0 GAS
CENTIFUGAL N 0056	100.0	2	100.0 HYDRAULIC

DIAPHRAGM N 0056	200.0	2	85.0 AIR
DIAPHRAGM N 0056	100.0	1	65.0 AIR
DIAPHRAGM N 0056	75.0	1	35.0 AIR
ARCHIMEDEAN SCREW N 0058	80.0	1	25.0 ELECTRIC
ARCHIMEDEAN SCREW N 0058	75.0	1	30.0 ELECTRIC
ARCHIMEDEAN SCREW N 0058	35.0	1	35.0 ELECTRIC
ARCHIMEDEAN SCREW N 0058	100.0	1	30.0 ELECTRIC
CENTIFUGAL N 0058	100.0	1	50.0 ELECTRIC
CENTIFUGAL N 0058	60.0	3	20.0 ELECTRIC
CENTIFUGAL N 0058	150.0	2	90.0 AIR
CENTIFUGAL N 0058	200.0	2	150.0 GAS
CENTRIFUGAL FISH N 0058	25.0	2	75.0 AIR
DIAPHRAGM N 0058	100.0	6	65.0 AIR
PROGRESSIVE CAVITY N 0058	50.0	2	40.0 GAS
ARCHIMEDEAN SCREW N 0061	30.0	2	20.0 ELECTRIC
CENTIFUGAL N 0061	25.0	2	20.0 ELECTRIC
CENTIFUGAL N 0061	50.0	3	30.0 ELECTRIC

DIAPHRAGM N 0061	100.0	1	65.0 AIR
DIAPHRAGM N 0061	200.0	1	120.0 AIR
DIAPHRAGM N 0061	200.0	1	65.0 AIR
DIAPHRAGM N 0062	100.0	2	65.0 AIR
DIAPHRAGM N 0062	200.0	1	85.0 AIR
CENTIFUGAL N 0069	2200.0	1	194.0 HYDRAULIC
CENTIFUGAL N 0081	2200.0	1	194.0 HYDRAULIC

Self Propelled Vessel(s) Detailed Information

Legend:

O/L = Offload Capable N/C = Night Capable

Type	Length	Beam	Draft	Quantity	Weight	Storage
O/L N/C Owner	(ft)	(ft)	(ft)	(ea)	(lb)	Capacity
						(gal)
WORK BOAT	21	8	2	1	1	1
N N 0052						
WORK BOAT	18	7	1	1	1	1
N N 0052						
WORK BOAT	12	5	1	1	1	1
N N 0052						
WORK BOAT	30	10	3	1	4	1
N Y 0052						
WORK BOAT	12	4	1	2	1	1
N N 0053						
WORK BOAT	14	4	1	4	1	1
N N 0054						
WORK BOAT	21	8	2	1	2	1
N N 0054						
WORK BOAT	7	3	1	1	1	1
N N 0054						
WORK BOAT	12	4	1	1	1	1
N N 0054						
WORK BOAT	18	7	2	1	1	1
N N 0056						
WORK BOAT	14	4	1	2	1	1
N N 0056						
WORK BOAT	20	7	2	1	1	1
N N 0058						
WORK BOAT	18	5	2	1	1	1
N N 0058						

WORK BOAT N N 0058	14	4	1	1	1	1
WORK BOAT N N 0058	12	4	1	6	1	1
WORK BOAT N N 0061	14	4	1	1	1	1
WORK BOAT N N 0061	18	5	2	1	1	1
WORK BOAT N N 0061	12	3	1	2	1	1
WORK BOAT N N 0061	17	7	1	1	1	1
WORK BOAT N N 0061	12	4	1	1	1	1

Skimmer(s) Detailed Information

Legend:

Pump Cap = Pump Capacity C = Calm Water R = River
SS = Self Propelled O = Offshore
Env = Environment H = Harbor

Env/ Type CHOR SS Owner	Model	Quantity (ea)	Weight (lb)	Pump Cap (gpm)
AIR/SUCTION NYNN N 0020	36"DISC	2	125	100
DISC/ADHESION NYNN N 0020	36"DISC	4	75	100
AIR/SUCTION YYNY N 0054	2200-SH	1	100	20

Vacuum System(s) Detailed Information

Type	Capacity(gpm)	Quantity(ea)	Owner
TRUCK	3000	5	0020
SKID UNIT	300	1	0032
TRUCK	380	1	0049
TRUCK	380	1	0050
VAC SKID	380	2	0052
VAC TRAILER	380	2	0052
VAC TRAILER	396	1	0052
VAC TRUCK	380	1	0052
VAC TRAILER	396	1	0053
VAC TRUCK	320	1	0053
VAC TRAILER	396	4	0054
VAC TRAILER	380	2	0054
VAC TRAILER	380	1	0054
VAC TRUCK	396	1	0054
VAC TRUCK	380	1	0054
VACTOR	4500	1	0054
VAC TRUCK	396	1	0055
VAC TRAILER	380	2	0056
VAC SKID	380	1	0058
VAC TRUCK	380	1	0058
VACTOR	4500	1	0058
VAC SKID	396	1	0061
VAC TRAILER	396	2	0061
VAC TRUCK	320	1	0061
VAC TRAILER	380	1	0062
VAC TRUCK	320	2	0062

Site-ID Information

0004

Owner: Winninghoff Boats, Inc.
Site name: Winninghoff Boats, Inc.
Address 1: Warehouse Lane
City: Rowley
State: MA
Zipcode: 01969
Country: USA
Contact 1: Bill Lincoln
Contact 2: Jack Winninghoff
24 hour phone: 508-948-2314
FAX: 508-948-2315

0013

Owner: H. BARBER & SONS INC.
Site name: H. BARBER & SONS INC.
Address 1: 15 RAYTKWICH DRIVE
City: NAUGATUCK
State: CT
Zipcode: 06770
Country: USA
Contact 1: MR. JOHN BARBER
Contact 2: MR. JAMES BARBER
24 hour phone: 203-729-9000
FAX: 203-729-4000

0020

Owner: AAA OIL POLLUTION SPECIALISTS,
Site name: AAA OIL POLLUTION SPECIALISTS,
Address 1: 44-39 PURVER STREET
City: LONG ISLAND CITY
State: NY
Zipcode: 11101
Country: USA
Contact 1: EDWARD BLENDERMANN
Contact 2: PETER FEHN
24 hour phone: 718-392-8000
FAX: 718-482-9535

0032

Owner: OHM Corporation
Site name: OHM Remediation Serv. Corp.9
Address 1: 88 C. Elm St.
Address 2: Northeast Region
City: Hopkinton
State: MA
Zipcode: 01748
Country: USA
Contact 1: Robert J. Kelly
24 hour phone: 508-435-9561
FAX: 508-435-9641

0049

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: CLEAN HARBORS ENVIRONMENTAL SE
Address 1: 1200 CROWN COLONY DRIVE
City: QUINCY
State: MA
Zipcode: 02184
Country: USA
Contact 1: PAUL HICKMAN
24 hour phone: 617-849-1800
FAX: 617-848-2141

0050

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: BANGOR SERVICE CENTER
Address 1: FREEDOM INDUSTRIAL PARK
City: BANGOR
State: ME
Zipcode: 04401
Country: USA
Contact 1: SCOTT DAVIS
24 hour phone: 207-848-2800
FAX: 207-848-3164

0052

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: S PORTLAND SERVICE CENTER
Address 1: 17 MAIN STREET
City: S. PORTLAND
State: ME
Zipcode: 04106
Country: USA
Contact 1: JACK VALLELY
24 hour phone: 207-799-8111
FAX: 207-799-0349

0053

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: HOOKSETT SERVICE CENTER
Address 1: #9 HOOKSETT INDUSTRIAL PARK
City: HOOKSETT
State: NH
Zipcode: 03106
Country: USA
Contact 1: GENE COOKSON
24 hour phone: 603-644-3633
FAX: 603-644-2126

0054

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: S BOSTON SERVICE CENTER
Address 1: 900 EAST FIRST STREET
City: S BOSTON
State: MA
Zipcode: 02127
Country: USA
Contact 1: HARRY DAVIDSON
24 hour phone: 617-269-5830
FAX: 617-269-5616

0055

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: SHREWSBURY SERVICE CENTER
Address 1: 238 A CHERRY STREET
City: SHREWSBURY
State: MA
Zipcode: 01545
Country: USA
Contact 1: PETER JOSEPH
24 hour phone: 508-842-0100
FAX: 508-842-5616

0056

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: PROVIDENCE SERVICE CENTER
Address 1: 85 ALDRICH STREET
City: PROVIDENCE
State: RI
Zipcode: 02905
Country: USA
Contact 1: TONY DONADIO
24 hour phone: 401-461-1300
FAX: 401-461-4510

0057

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: NEW BRITAIN SERVICE CENTER
Address 1: 60 PETER COURT
City: NEW BRITAIN
State: CT
Zipcode: 06051
Country: USA
Contact 1: THOR CHEYNE
24 hour phone: 203-224-7600
FAX: 203-225-0038

0058

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: EDISON SERVICE CENTER
Address 1: 3 SUTTON PLACE
City: EDISON
State: NJ
Zipcode: 08817
Country: USA
Contact 1: FRANK BOZRTTH
24 hour phone: 908-589-5000
FAX: 908-248-4414

0061

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: ALBANY SERVICE CENTER
Address 1: 32 BASK ROAD
City: GLENMONT
State: NY
Zipcode: 12077
Country: USA
Contact 1: MARK WOELFEL
24 hour phone: 518-434-0149
FAX: 518-434-9118

0062

Owner: CLEAN HARBORS ENVIRONMENTAL SE
Site name: SYRACUSE SERVICE CENTER
Address 1: 6481 RIDING ROAD
City: SYRACUSE
State: NY
Zipcode: 13206
Country: USA
Contact 1: DAVE MARSELL
24 hour phone: 315-463-1349
FAX: 315-463-1822

0069

Owner: Marine Pollution Control Corp.
Site name: MPC - Boston, Massachusetts
Address 1: c/o Cyn Environmental
Address 2: 900 E. First Street
City: S. Boston
State: MA
Zipcode: 02127
Country: USA
Contact 1: Michael E. Snyder
Contact 2: Timothy O'Connor
24 hour phone: 313-849-2333
FAX: 313-849-1623

0081

Owner: Marine Pollution Control Corp.
Site name: MPC - New York Harbor
Address 1: c/o EMMI, Inc.
Address 2: 10 County Line Road, Suite 30
City: Somerville
State: NJ
Zipcode: 08876
Country: USA
Contact 1: Michael E. Snyder
Contact 2: Timothy O'Connor
24 hour phone: 313-849-2333
FAX: 313-849-1623

IV. CHEMICAL COUNTERMEASURES

As a general rule, chemical countermeasures are not utilized for oil spills in the inland zone. Due to the depth of inland rivers and lakes, and the proximity of shorelines and populations, the use of dispersants is not practicable. As more data is received on surface collecting agents, these may be considered for inland spills. Policies, procedures and guidelines for the use of chemical countermeasures within Region I are detailed in subpart H of the RCP. The process for approval on the use of chemical countermeasures may be expedited by obtaining as much information as possible as outlined in the RCP.

V. RELATIONSHIP TO OTHER PLANS

Intragovernmental planning at the Federal, State and local level coordinates response and planning at the respective level. This plan incorporates planning at all levels and integrates the Federal, State and local response under the respective plans. This plan is consistent with the National Contingency Plan and the Regional Contingency Plan. Facility response plans required by section 4202 of the Oil Pollution Act must be consistent with the requirements of this plan. The EPA has assigned an identification number to those plans submitted to date. These numbers are listed below the facility address in section VII of this plan.

Coordination and integration between inland and coastal Area Contingency Plans is ensured through the RRT structure. The USCG First District Chief of Marine Safety Division and the USEPA Region I Director of Environmental Services Division co-chair the RRT. Regional response policies and preparedness activities, concerning both inland and coastal issues, are currently addressed through the RRT, and outlined in the Regional Contingency Plan, which is approved by both the EPA and USCG co-chairs.

Plan integration is also currently provided by overlapping membership on coastal and inland Area Committees by the State representative of the RRT, as well as by participation by EPA Region I in the appropriate Coastal Area Committees and Subcommittees.

Plan integration with Facility and Vessel Response Plans, required by section 4202(a)(5) of OPA, shall be accomplished through review and approval of submitted plans for consistency with this Plan (ACP). During a response, the OSC shall meet with the other responding parties to coordinate and integrate the response described in this plan with all other relevant plans including, but not limited to, Federal, State, local, tribal, and private plans. The Area Committee will continuously review effectiveness and integration of all plans based upon actual responses, exercises, and all other relevant information leading to enhancement of these plans.

VI. ADEQUACY OF A REMOVAL OF A WORST CASE DISCHARGE

Adequacy to remove a worst case discharge, or substantial threat of such discharge, is currently addressed through the National Contingency Plan and the Regional Contingency Plan, which outline federal resources available to the OSC from RRT agencies, as well as Regional response policies.

Private industry and local emergency responders provide the front-line defense in response to all spills, including a worst case discharge.

1. Facility Response Plans

Certain facilities, those which pose a substantial threat to the environment, in order to be granted approval to operate without an approved Facility Response Plan, have provided certification that they have, by contracts or approved means, the resources capable of removing a worst case discharge from their facility. In Region I, 189 facilities, which have been determined to pose such a risk have provided an adequate certification. All Facility Response Plans will be reviewed for approval, which will include adequate resources to remove a facility WCD. Among the requirements for approval, Facility Response Plans will also be required to be integrated with Local Emergency Plans, prepared under the Emergency Planning and Community Right-to-Know Act (EPCRA).

2. Local Emergency Plans

The authority and responsibility for planning and exercising local emergency plans is vested at the local government level, through requirements of EPCRA. The State, localities and industry have the most detailed knowledge of the local area and the situations at risk. Accordingly, LEPCs are in the best position to develop plans which adequately address hazards in their community. Currently, the Area Committee does not include membership of local government. In the future, as geographic annexes are developed for smaller areas, Area Committee membership and participation in future planning will be solicited from LEPCs and appropriate local responders.

3. PREVENTION OF OIL SPILLS

In terms of prevention of oil spills, including a worst case discharge, the Spill Prevention, Control, and Countermeasures (SPCC) Program, administered through EPA, requires all non-transportation-related facilities within EPA's jurisdiction, to develop plans necessary to contain a discharge of oil and prevent it from reaching navigable waters. It requires facilities to develop engineering and design plans, including

the installation of certain equipment, most notable secondary containment systems, such as dikes, barriers and diversionary flow paths such that spills into waters of the U.S. will be prevented.

When such design and engineering controls are not practicable for a facility, the owner must provide a detailed contingency plan following the criteria outlined in 40 CFR Part 109. Some of these criteria include the establishment of notification procedures, identification of resources, and provisions for specific actions. For transportation-related on-shore and off-shore facilities, such as vessels, the Department of Transportation (DOT) issues regulations concerning the safe handling of hazardous materials. The Minerals Management Service of the Department of the Interior is also responsible for certain off-shore fixed facilities.

4. AREA WORST CASE DISCHARGE SCENARIO

The worst case discharge involves the rupture of a three million gallon #2 oil storage tank coupled with the breach of the facility secondary containment system. The incident occurs in Burlington, Vermont with ninety percent of the spill discharging to Lake Champlain. Three public water intakes are immediately impacted.

Conditions at time of spill:

- | | |
|----------------------|------------------|
| 1. Time of Year | Late March |
| 2. Winds | Out of the South |
| 3. Air Temperature | 35°F |
| 4. Water Temperature | 30°F |
| 5. Precipitation | Light Rain |
| 6. Visibility | Less than 1 mile |

Initial discharger notifications would include:

National Response Center
U.S. Coast Guard (USCG) Station in Burlington
Vermont Department of Environmental Conservation
U.S. EPA Region I
Providing Federal On-Scene Coordinator (OSC)
Custodians of threatened water intakes.

Initial Actions would include attempting to control the source of the release, deploying available boom, evaluating the extent of the spill, and making a determination whether to shut down the threatened water intakes. The Burlington USCG Station would provide the first Federal Official on the scene.

Within the first five hours a unified command post would be established in Burlington including the OSC, State Representatives, Local Government, and Representatives of the Responsible Party (RP). Due to the size of the spill and the limitation of resources within the area, the OSC would mobilize contractors, fund management specialists, and other federal resources as may be required.

Additional Complications:

Lake Champlain borders the states of Vermont and New York, EPA Regions I and II, the Missisquoi National Wildlife Refuge, and Canada.

Further notifications would include:

U.S. Army Corps of Engineers
EPA Region II
Effectuated Natural Resource Trustees
Regional Response Team members, as appropriate
Canadian Government, Environmental Protection Service

The OSC would direct all clean-up activities through the incident command system. Funding of operations would be a combination of RP direct funding and OSC access to the Oil Spill Liability Trust Fund with appropriate enforcement and cost recovery documentation.

VII. AREA INVENTORY

This section includes an inventory of facilities in Region I which have oil storage capacity of over one million gallons. The facilities are listed in a table which is broken down by states and counties. The first column in the table identifies whether the location of the facility is in the Inland Zone (EPA) or the Coastal Zone (USCG). Only those facilities in the Inland Zone are covered by this ACP. The facilities in the coastal zone are covered by one of the four Coastal ACPs (Portland, Boston, Providence or Long Island Sound). If the letters CL appear in this column, it means that the facility is closed, however the tanks are still present at the facility at this time. The second column lists the location address, latitude, longitude and the EPA facility response plan (FRP) identification number. The third column identifies the storage capacity in thousands of gallons. Notations and abbreviations are as follows:

* - quantities less than one million gallons	
G - gasoline	
D - diesel	
K - kerosene	
JP - jet fuel	WO - waste oil
TK - tank	O - oil
NG - natural gas	A - alcohol

CONNECTICUT

Bulk Oil Storage Facilities Over One-Million Gallons

THOUSANDS
OF GALLONS

USCG	<u>FAIRFIELD COUNTY:</u> United Illuminating Co. Bridgeport Harbor Station 10 Henery St. Bridgeport, 06604 41-10-01N; 73-10-53W FRP01A0075	28,560
USCG	Shell Oil Co. 250 Eagle Nest Rd. Bridgeport, 06607 41-10-05N; 73-09-40W FRP01A0033 G, #2, Asphalt	63,000
USCG	Hoffman Fuel of Stamford Div. of Champion Energy Corp. 100 Southfield Ave. Stamford, 06902 41-02-06N; 73-32-36W FRP01A0032 #2, D	21,665
USCG	Harborview Terminals Hitchcock Terminal Service (PARCO) 1 Seaview Ave. Bridgeport, 06607 41-09-59N; 73-09-57W FRP01A0062 Petroleum Bulk Storage	8,495
USCG	Sun Oil Consumer's Connecticut Petroleum Wholesalers 1 Eagle Nest Rd. Bridgeport, 06607 41-10-06N; 73-09-47W FRP01A0036 G, #2, D, K	4,643
USCG	Champion Fuel Oil Co. (Rye Fuel Terminal) 108 South Water St. (BYRAM) Greenwich, 06830 41-00-11N; 73-39-31W FRP01A0025 #2	1,306

CONNECTICUT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Hoffman Fuel Co. of Bridgeport Div. of Champion Energy Corp. 156 E. Washington Ave. Bridgeport, 06604 41-11-06N; 73-11-30W FRP01A0031 #2	3,770
USCG	Genovese Industries, Inc. 52 Pulaski St. Stamford, 06902 41-02-35N; 73-41-01W FRP01A0066 #2,K	1,601
USCG	Norwalk Oil Terminal Leahy's Fuels Div. 77 Smith St. Norwalk, 06851 FRP01A0111 (Scheduled for Demolishment 4/40/93)	960
EPA	International Airport CT Dept. of Transportation 24 Wolcott Hill Rd. Windsor Locks, 06096 41-56-19N; 72-41-01W FRP01A0115	2,299
USCG	Herbert Fuel Corp. Herbert's Landing 10 Water St. Stamford, 06902 41-02-20N; 73-32-30W FRP01A0110 D,#2,G	2,423
USCG	Devine Brothers, Inc. 38 Commerce St. Norwalk, 06850 41-06-27N; 73-24-27W FRP01A0162 #2	594.5
USCG	Inland Fuel Terminal Co. 154 Admiral St. Bridgeport, 06605 41-09-45N; 73-12-10W FRP01A0160 #2,D,JP-5,K,G	2,024

CONNECTICUT

Bulk Oil Storage Facilities Over One-Million Gallons

THOUSANDS
OF GALLONS

USCG	Northeast Utilities - CL&P So. Norwalk Harbor Station Manresa Island Ave. South Norwalk, 06854 41-04-21N; 73-24-34W FRP01A0018 #6	22,680
EPA	Casey Fuel Co. Bailey Ave. Ridgefield, 06877	
USCG	Manchineel Realty Co. 10 Water St. Stamford, 06902	
USCG	Peckhams Materials Corp. 686 Canal St. Stamford, 06902	
USCG	HIHO Petroleum, Inc. 85 Harbor St. Bridgeport, 06605 41-09-56N; 73-12-16W FRP01A0050 #2,K	1,470
USCG CL	<u>HARTFORD COUNTY:</u> Atlas Oil 45 Riverside Drive East Hartford, 06118 41-44-34N; 72-38-22W FRP01A0029 #2	4,050
USCG	General Oil Co. (New England Energy Centers) 133 Riverside Drive East Hartford, 06118 41-45-07N; 72-38-04W FRP01A0082 #2,K	5,518
USCG	Rocky Hill Oil Co. (Atlantic Richfield) 1351 Main St. East Hartford, 06108	

CONNECTICUT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	Kaman Aerospace Corp. Old Windsor Rd. Bloomfield, 06002 FRP01A0108 D,G,#6,Jet-A	46.4
USCG	Star Enterprise-Texaco (East Hartford Sales 211 Riverside Drive Terminal) East Hartford, 06118 41-44-33N; 72-38-26W FRP01A0072 G,D	8,944
USCG	Atlas Oil Co. 414 Tolland St. East Hartford, 06108	
USCG	Pratt & Whitney (Andrew Willgoos Turbine Lab) 400 Main St. off Pent Rd. East Hartford, 06108 40-44-14N; 71-38-30W FRP01A0117 Jet-A,JP-4,#6	11,922
USCG	Hal Associates 133 Riverside Drive East Hartford, 06118	
USCG	Phoenix Energy Corp'n 1 Phelps St. Glastonbury, 06033 FRP01A0182 #2,D,K-1,G,#6	17,019
USCG	Phoenix Energy Corp'n 1 Phelps St. Glastonbury, 06033 41-42-53N; 72-37-12W Tank Farm B - 4,696	
USCG	Phoenix Energy Corp'n 1 Phelps St. Glastonbury, 06033 41-42-49N; 72-37-08W Tank Farm A - 7,493	
USCG	Phoenix Energy Corp'n 1 Phelps St. Glastonbury, 06033 41-42-43N; 72-37-03W Tank Farm C - 4,830	

CONNECTICUT

Bulk Oil Storage Facilities Over One-Million Gallons

THOUSANDS
OF GALLONS

USCG	Northeast Utilities - CL&P (South Meadows Station) Reserve Road Hartford, 06114 41-44-56N; 72-39-21W FRP01A0017 #6	10,500
EPA	J.J. Vinci Oil Co. Newfield Realty 1014 Wethersfield Ave. Hartford, 06114 41-43-49N; 72-40-02W South/North --->2,748 41-43-49N; 72-40-06W West ----->3,990 FRP01A0121 #2,K,#4	6,738 Total
EPA	Energy Unlimited, Inc. 50 Harvard St. New Britain, 06051	
USCG	A.D.C. Enterprises, Inc. 45 Evans Rd. (closed, tanks empty) Rocky Hill, 06067	
USCG	Citgo Petroleum (Formerly F.L. Roberts & Co.) 109 Dividend Road Rocky Hill, 06067 41-39-19N; 72-37-36W FRP01A0011 Gasoline Only	6,800
USCG	Tennaco Oil Co. Evans Rd. Rocky Hill, 06067	
USCG	Amerada Hess 50 Burbank Road Wethersfield, 06109 41-43-01N; 72-38-50W FRP01A0134 G,K1,#2	13,976
USCG	Rocky Hill Oil Co. 2 Meadow Rd. Rocky Hill, 06067	

CONNECTICUT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	F.L. Roberts Co. 101 Dividend St. Rocky Hill, 06067	
EPA	Connecticut DOT AMR Combs Bradley Aviation Fuel Farm Bradley International Airport Windsor Locks, 06096 41-55-44N; 72-41-33W FRP01A0076 D,G,AVJet Fuel	2,302
USCG	Northeast Petroleum Div. of Cargill, Inc. 80 Burbank Rd. Wethersfield, 06109 41-43-00N; 72-38-56W FRP01A0051 K,G,#2,D	7,634
USCG	<u>MIDDLESEX COUNTY:</u> O'Sullivan Fuel Oil, Inc. 79 River Rd. Cromwell, 06416	
USCG	Vinci Realty Assoc. (Red Wing Oil Co.) 3 Brownstone Ave. Portland, 06480 41-34-13N; 72-38-46W FRP01A0125 #2,K	8,136
USCG	Pratt & Whitney Aircraft Road Middletown, 06457 41-32-36N; 72-33-22W FRP01A0135 Jet-A,JP4,#6	3,589
USCG	Northeast Utilities - CL&P Middletown Station 1866 River Rd. Middletown, 06457 41-33-19N; 72-34-57W FRP01A0020 #6	41,906

CONNECTICUT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Yankee Terminals 100 Brownstone Ave. Portland, 06480	
USCG	Chevron USA Products Co. 51 Brownstone Ave. Portland, 06480 41-34-31N; 72-38-47W FRP01A0141 Asphalt	3,347
USCG	Wm. R. Peterson Oil Co. (Formerly Meenan Oil) 44 River Rd. Middletown, 06457 41-33-30N; 72-38-33W FRP01A0080 K, #2, D	2,168
USCG	Valley Oil/Wyatt 1 Brownstone Ave Portland, 06480	
EPA	<u>NEW HAVEN COUNTY:</u> Petro-Plus 38 Commerce St. Derby, 06418	
EPA	Wyatt, Inc. East Haven Facility 119 Frontage Road East Haven, 06512 41-17-55N; 72-53-03W FRP01A0165 #2&G, Bulk Storage Only	60,690
EPA	Wyatt, Inc. 265 Welton St. Hamden, 06517 41-19-56N; 72-53-42W FRP01A0167 #2&G, Bulk Storage Only	40,782
USCG	Wyatt, Inc. 85 East St. Terminal New Haven, 06511 41-17-58N; 72-54-37W FRP01A0166 #2, K	38,136

CONNECTICUT

Bulk Oil Storage Facilities Over One-Million Gallons

THOUSANDS
OF GALLONS

USCG	Wyco New Haven, Inc. 280 Waterfront St. (Distribution Terminal & Dock) New Haven, 06512 41-17-31N; 72-54-16W FRP01A0168 G,#2	38,957
USCG	Amerada Hess Corp. 100 River St. New Haven, 06513 41-19-07N; 72-53-36W FRP01A0142 #2,#4,K-1,G	15,005
USCG	River Realty Management & East Coast Environmental Services 454 Quinipac Ave. New Haven, 06513 41-18-09N; 72-53-26W FRP01A0140 W.O.,JP-4,#2	5,037
USCG	Northeast Petroleum - Div. of Gargill 481 E. Shore Parkway (Formerly Exxon) New Haven, 06512 41-17-15N; 72-53-57W FRP01A0181 #2,G,D,JP-4	64,543
USCG	Gateway Terminal (Formerly Lex Atlantic Corp) 400 Waterfront St. New Haven, 06512 41-17-35N; 72-54-15W FRP01A0138 Asphalt,#6,#2	26,717
USCG	Getty Oil Terminals 85 Forbes Ave. New Haven, 06512 41-17-46N; 72-54-11W FRP01A0177 G,Ethanol	4,326
USCG	Goodrich Energy, Inc. 39 E. Ferry St. New Haven, 06513 41-18-30N; 72-53-10W FRP01A0030 #2,G	1,782

CONNECTICUT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Cumberland Farms/Gulf Oil Div. 500 Waterfront St. New Haven, 06512 41-17-43N; 72-54-16W FRP01A Bulk Storage G,Kero/Jet,#2	18,205
USCG	Northeast Utilities - CL&P Devon Station - off Naugatuck Ave. Devon, 06460 41-12-41N; 73-06-28W FRP01A0019 #6	19,606
USCG	New Haven Terminal, Inc. 100 Waterfront St. New Haven, 06512 41-17-20N; 72-54-30W FRP01A0037 Styrene,#2,Jet-A,K,Methanol,G	33,418
EPA	TransAmerica Natural Gas Corp. 145 Peat Meadow Rd. New Haven, 06513 41-17-30N; 72-53-00W FRP01A0105 Bulk Storage of G	13,599
EPA	New Haven Terminal Frontage Rd. East Haven, 06512	
USCG	Mobil Oil Corp. 134 Forbes Ave. New Haven, 06512 41-17-52N; 72-54-01W FRP01A0010 D,#1,#2,Jet-A,K,G	22,239
USCG	United Illuminating New Haven Harbor Station 1 Waterfront St. New Haven, 06512 41-17-01N; 72-54-09W FRP01A0074 #6,#2	27,325

CONNECTICUT

Bulk Oil Storage Facilities Over One-Million Gallons

THOUSANDS
OF GALLONS

USCG	Q River Terminal, Inc. 120 Forbes Ave. New Haven, 06512 40-17-54N; 72-54-32W FRP01A0077 Asphalt, #2	7,182
EPA	F&S Oil Co. 532 S. Leonard St. Waterbury, 06708	
USCG	Connecticut Refining Co. 105 Water St. West Haven, 06516 41-16-43N; 72-56-21W FRP01A0083 #2	2,739
USCG	National Oil Services, Inc. 16-20 Elm St. West Haven, 06516 41-16-45N; 72-56-25W FRP01A0120 #2, #4, #6, Waste Oil Storage	1,075
USCG	Terminal Tank Services, Inc. E.I. Dupont De Nemours & Co. 46 River St. New Haven, 06513	
EPA	<u>WINDHAM COUNTY:</u> International Paper Co. Putnam Container Div. 175 Park Road Putnam, CT 06260 FRP01A0039	41.3*
EPA	<u>TOLLAND COUNTY:</u> Louis Dreyfus Energy (DAHL OIL) (Mansfield Depot Terminal) Mansfield Depot, 06251 42-48-00N; 72-18-38W FRP01A0014 G, D, #2, K	48.8*

CONNECTICUT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

	<u>NEW LONDON COUNTY:</u>	
USCG	Dow Chemical Co. Route 12 Gales Ferry, 06335	
USCG	U.S. Naval Submarine Base Groton, 06349 42-23-42N; 72-05-30W	5,800
USCG	Pfizer, Inc. Eastern Point Rd. Groton, 06340 41-19-56N; 72-04-46W FRP01A0137 #6,#2	3,725
USCG	Amerada Hess Corp. 443 Eastern Point Rd. Groton, 06340 41-20-11N; 72-04-41W FRP01A0126 D,#2,G,K-1,Jet"A",#6,#4	35,064
USCG	City Coal Co. 410 Bank St. New London, 06320 41-21-02N; 72-05-58W FRP01A0161 #2,K,D	2,425
USCG	Norwich State Hospital Route 12 Norwich, 06360	
USCG	Central Vermont Railway Fourth St. New London, 06320	
USCG	LeHigh Oil Co. One Terminal Way - Shipping St. Norwich, 06360 41-30-36N; 72-04-54W FRP01A0013 G,#2,D	3,366

CONNECTICUT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Northeast Utilities - CL&P (Montville Station) 74 Lathrop Rd. Uncasville, 06353 41-25-49N; 72-06-05W FRP01A0021 #6	20,120
USCG	Louis Dreyfus Energy (Formerly DAHL OIL) Norwich Terminal 340 West Thames St. Norwich, 06360 41-30-30N; 72-05-00W FRP01A0006 D,K,#6,#4,#2	7,329

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

	<u>AROOSTOCK COUNTY:</u>	
EPA	Loring Air Force Base Limestone, 04751	15,100
EPA	Fraser Paper Co. Madawaska 04756 68-19-30W; 47-21-28N #6	490*
EPA	Maine Public Service Caribou Steam & Diesel Generation Caribou, 04736 68-00-18W; 46-50-47N FRP01A0116 #6,D	1,100
	<u>YORK COUNTY:</u>	
USCG	U.S. Navy Portsmouth Naval Submarine Yard Kittery, 03904 43-04-35N; 70-44-14W FRP01A0170	15,167
	<u>WALDO COUNTY:</u>	
USCG	Sprague Energy Corp. Searsport Terminal, Mack's Point Trundy Road Searsport, 04974 44-27-20N; 68-54-23W FRP01A0132 #6	13,901
USCG	Dept. of Defense Searsport Trundy Road Searsport, 04974 44-27-30N; 68-54-14W FRP01A0107 #2,JP-4	32,877
USCG	Irving Oil Corp. Searsport, 04974 44-27-29N; 68-54-05W FRP01A0067 K,K-1,G,#2,D,#6	62,137

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	<u>ANDROSCOGGIN COUNTY:</u> International Paper Co. Androscoggin Mill Jay, 04239 44-30-17N; 70-14-31W FRP01A0123	1,500
EPA	Wood Fiber Industries Div. Masonite Corp'n Lisbon Falls 04252 FRP01A0028 #2,LPG,#6,G,D,Asphalt,Adhesive	176*
USCG	<u>CUMBERLAND COUNTY:</u> Central Maine Power W.F. Wyman Station Cousins Island Yarmouth, 04096 43-45-48N; 70-09-07W FRP01A0158 #6	39,900
USCG CL	Brunswick NAS (DESP) Casco Bay So. Harpswell, 04974 43-46-38N; 70-00-50W FRP01A0069	39,480
USCG	U.S. Navy Brunswick Naval Air Station Brunswick, 04011 43-54-11N; 69-55-46W FRP01A0068 JP-5,G,Glycol,D	2,374
USCG	Central Maine Power Cape Elizabeth Station Ocean St., Rt. 77 So. Portland, 04106 43-38-39N; 70-15-11W FRP01A0139	1,302

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	BP Oil Co. (So. Portland Terminal) 59 Main St. So. Portland, 04106 43-38-16N; 70-17-13W FRP01A0157 #2,G,K,D	28,369
USCG	BP Oil Co. (So. Portland Terminal) 59 Main Street So. Portland, 04106 43-38-13N; 70-17-35W TK - 118	3,874
USCG	BP Oil Co. (So. Portland Terminal) 59 Main Street So. Portland, 04106 43-38-14N; 70-17-26W TK - 5	3,757
USCG	BP Oil Co. (So. Portland Terminal) 59 Main Street So. Portland, 04106 43-48-13N; 70-17-19W TK - 117	3,236
USCG	BP Oil Co. (So. Portland Terminal) 59 Main Street So. Portland, 04106 43-38-15N; 70-17-14W TK - 1 to 4	4,811
USCG	BP Oil Co. (So. Portland Terminal) 59 Main Street So. Portland, 04106 43-38-17N; 70-17-19W TK - 112 to 114	7,525
USCG	BP Oil Co. (So. Portland Terminal) 59 Main Street So. Portland, 04106 43-38-22N; 70-17-07W TK - 110	2,914
USCG	BP Oil Co. (So. Portland Terminal) 59 Main Street So. Portland, 04106 43-38-27N; 70-17-14W TK - 111	2,250

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Northeast Petroleum Division of Cargill 1 Clarks Road So. Portland, 04106 43-37-67N; 70-16-34W FRP01A0045 #2,D,K,#6	21,105
USCG	Getty Terminal Corp. Rear, 27 Main Street So. Portland, 04106 43-38-15N; 70-17-15W FRP01A0042	11,818
USCG	Star Enterprise (Texaco) 102 Mechanic Street So. Portland, 04106 43-38-16N; 70-16-30W FRP01A0104 Storage & Dist. G,#1&2D,#2	35,926
USCG	B&M Railroad Rigby Yard So. Portland	1,050
USCG	Mobil Oil Corp. 48 Main Street & 170 Lincoln Street So. Portland, 04106 43-38-14N; 70-17-02W FRP01A0003 #1,#2,G,D,Kero-Jet,#6	51,408
USCG CL	Exxon Company 1 Lincoln Street So. Portland, 04106 43-38-20N; 70-17-30W FRP01A	34,818
EPA	S.D. Warren River Road Westbrook, 04092	2,100
USCG	Koch Materials Co. (Asphaltics) 5 Central Ave. (Field #4) So. Portland, 04106 43-38-26N; 70-17-11W FRP01A0081	2,662

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Koch Materials Co. (Furnace Oil) 5 Central Ave. (Field #1) So. Portland, 04106 43-38-16N; 70-17-28W FRP01A0081	7,980
USCG	Koch Materials Co. (Kero/Asphalt/Diesel) 5 Central Ave. (Field #2) So. Portland, 04106 43-38-20N; 70-17-20W FRP01A0081	9,555
USCG	Koch Materials Co. (Furnace Oil/Emulsion/ 5 Central Ave. (Field #3) Kero/Diesel) So. Portland, 04106 43-38-25N; 70-17-18W FRP01A0081	2,835
USCG	Clean Harbors (Formerly Northeast) 17 Main St. So. Portland, 04106 43-38-22N; 70-17-14W	7,812
USCG	Gulf Oil/Cumberland Farms 175 Front Street So. Portland, 04106 43-39-12N; 70-14-30 FRP01A0186	36,750
USCG	Portland Pipeline Corp. - Farm Hill & Dunscomb St. So. Portland, 04106 43-39-02N; 70-14-28W FRP01A0009	107,890
USCG	Portland Pipeline Corp. - Storage, Pier 2 Preble St. So. Portland, 04106 43-38-53N; 70-14-13W FRP01A0009	17,068

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Portland Pipeline Corp. - Storage, Pier 1 Portland St. So. Portland, 04106 43-38-62N; 70-14-28W FRP01A0009	9,672
USCG	<u>HANCOCK COUNTY:</u> C.H. Sprague & Son South Terminal (River Road - Rt. 15) Bucksport, 04416 44-34-39N; 68-48-33W FRP01A0146 #6	9,396
USCG	Champion International Corp. Main St. (Route 15) Bucksport, 04416 44-34-31N; 68-48-29W FRP01A0174 K,G,D,#2&6,Lube Oil	6,722
EPA	Webber Tanks (Dead River Oil Co.) Dead River Oil Co. River Road (Rt. 15) Bucksport, 04416 44-34-56N; 68-48-21W FRP01A0035 K-1,#2,G,JP-4,Avia.Fuel	32,350
USCG	Sprague Energy North Terminal (River Rd. - Rt. 15) Bucksport, 04416 44-35-28N; 68-48-59W FRP01A0147 #2,#6	6,876
	Elden Corp. Bucksport, 04416 44-35-27N; 68-48-44W	6,972
USCG	Brunswick Coal & Lumber 143 Pleasant St. Brunswick, 04011	1,500

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	<u>KENNEBEC COUNTY:</u> Mobil Oil Corp. Lower Main St. Hallowell, 04347 44-17-30N; 69-47-07W FRP01A0004 D, K, #2	4,632
USCG	<u>LINCOLN COUNTY:</u> Central Maine Power Birch Point (Mason Station) Wiscasset, 04578 43-59-21N; 69-40-26W FRP01A0159 #6	15,318
EPA	<u>OXFORD COUNTY:</u> Boise Cascade River Road Rumford, 04279	4,200
EPA	<u>PENOBSCOT COUNTY:</u> Bangor International Airport 287 Godfrey Boulevard Bangor, 04401 44-48-45N; 68-48-11W FRP01A0193 Jet-A, Av. & Mo Gas	1,284
USCG	Cold Brook Energy (Formerly Texaco) 809 Main Rd., North Hampden, 04444 44-46-43N; 68-47-03W FRP01A0171	4,205
USCG	Cumberland Farms - Gulf 799 Main Road., North Hampden, 04444 44-46-40N; 68-47-07W FRP01A0190	2,874

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Webber Energy Fuels 700 Main Street Bangor, 04401 44-46-55N; 68-46-51W FRP01A0038	Webber Fuels - 5,495 Sun Plant - 1,059 K, #2, D, G	6,554
USCG	Mobil Oil Corp. 730 Lower Main St. Bangor, 04401 44-46-53N; 68-46-50W FRP01A0007	#1, #2, G, D	32,928
USCG	Webber Tanks (Dead River Oil Co.) 230 South Main St. Brewer, 04412 44-47-10N; 68-42-21W FRP01A0034		3,472
USCG	Gulf/Cumberland Farms 799 Main Rd. N. Hampden, 04444		2,760
USCG	Barrett Paving Materials, Inc. Dutton St. Bangor, 04401 44-47-15N; 68-46-42W		2,987
USCG	Irving Oil Corp. Mainway Terminal 7 Maple Street Extension Brewer, 04412		6,624
USCG	Irving Oil 532 Main St. Bangor, 04401		2,500
EPA	Great Northern Paper, Inc. Div. of Bowater Millinocket Mill Millinocket, 04462 45-38-36N; 68-42-07W FRP01A0070		5,389

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	Great Northern Paper, Inc. Div. of Bowater East Millinocket Mill Millinocket, 04462 45-37-28N; 68-34-25W FRP01A0070	4,674
EPA	Lincoln Pulp & Paper Co., Inc. Katahdin Ave. Lincoln, 04457	100
EPA	James River Paper Portland Street Old Town, 04468 44-55-11N; 68-38-20W #6	800*
USCG	Bangor Hydro-Electric Co. Bangor, 04401	1,009
EPA	<u>SOMERSET COUNTY:</u> S.D. Warren Co. Rt. 201 (Somerset Mill) Skowhegan, 04976	2,007
USCG	<u>CUMBERLAND COUNTY:</u> Pleasant Street Co. Rear of 143 Pleasant St. Brunswick, 04011 69-58-01W; 43-54-38N	1,531
USCG	<u>WASHINGTON COUNTY:</u> Naval Computer & Telecommunications Station East Machias (Cutler), 04630 44-38-29N; 67-17-36W FRP01A0179	800*
USCG	R.H. Foster Oil, Inc. Pembroke, 04666	1,000

MAINE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Dead River Co. Calais, 04619	1,596
EPA	Georgia Pacific Corporation 16 Mill St. Woodland, 04694 45-09-26N; 67-24-10W FRP01A0119 #6,Lo-Sulfur Oil	2,117

MASSACHUSETTS**Bulk Oil Storage Facilities
Over One-Million Gallons****THOUSANDS
OF GALLONS**

EPA	<u>BARNSTABLE COUNTY:</u>	
	Otis Air Force Base Mass Air National Guard Simpkins Rd. Falmouth, 02542 41-38-26N; 70-32-39W	1,869
USCG	Northeast Petroleum (Div. of Cargill, Inc.) Sandwich Terminal 3 Coast Guard Rd. Sandwich, 02563 41-46-13N; 70-30-06W FRP01A0044 #2,D	4,345
USCG	<u>PLYMOUTH COUNTY:</u> Canal Electric Co. (Commonwealth Electric) (ESCO Terminals) Freezer Rd. Sandwich, 02563 41-46-14N; 70-30-35W FRP01A0052 #6	46,746
EPA	<u>BERKSHIRE COUNTY:</u> General Electric Co. Bldg. 42-320 100 Plastic Ave. Pittsfield, 01201 42-27-22N; 73-13-14W	1,200
EPA	Northeast Utilities Hampden 42-05-41N; 72-35-47W	1,050

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	<u>BRISTOL COUNTY:</u> Northeast Products Co. 52 Ferry St. Fall River, 02722 41-42-08N; 71-10-10W FRP01A0055 Lube Oil Blending & Packaging	1,836
USCG	Shell Oil Company 1 New Street Fall River, 02720 41-44-01N; 71-08-27W FRP01A0061 G, #2	48,580
USCG	Global Petroleum Corp. 30 Pine Street New Bedford, 02741 41-37-46N; 70-55-11W FRP01A0098 #6, #2	10,290
USCG	Glen Petroleum Corp. (Glen Park Oil - Div. of Belcher N.E., Inc.) #6 Fish Island New Bedford, 02742 41-38-21N; 70-55-12W FRP01A	1,249
USCG	NEPCO (Brayton Point Station) Brayton Point Rd. Somerset, 02725 41-42-35N; 71-11-38W FRP01A0101 #2, #6	56,238
USCG	Eastern Utilities - Montaup Electric Somerset Station 1606 Riverside Ave. Somerset, 02726 41-44-17N; 71-08-47W FRP01A0122 #2, #6, Coal, JetFuel/K	17,888

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	Taunton Municipal Lighting Plant 1314 Somerset Ave. Taunton, 02780 41-51-55N; 71-06-29W FRP01A0114 #6	4,100
EPA	<u>ESSEX COUNTY:</u> Emhart Industries (United Shoe) 181 Elliott St. Beverly, 01915 FRP01A0163 #6, #2	148*
EPA	Eastman Gelatin Corporation 227 Washington St. Peabody, 01960 FRP01A0192	
USCG	G.E., Riverworks & West Lynn 1000 Western Ave. Lynn, 01910 42-26-56N; 70-58-10W FRP01A0054 #2, #6, JP-4&5	4,096
USCG	Northeast Petroleum Div. of Cargill 25 Derby St. Salem, 01970 42-31-32N; 70-52-48W FRP01A0047	18,112
USCG	NEPCO/Pickering Salem Harbor Station 24 Fort Ave. Salem, 01970 42-31-24N; 70-52-50W FRP01A0102 #2, #6	47,376

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	<u>FRANKLIN COUNTY:</u> Pittston Petroleum 334 Chapman St. Greenfield, 01301 42-36-05N; 72-36-09W	1,085
EPA	Rice Oil 334 Chapman St. Greenfield, 01301 FRP01A0191	
EPA	<u>HAMPDEN COUNTY:</u> Agway Energy Products 627 Cottage St. Springfield, 01104 42-08-23N; 72-31-48W	
EPA	F.L. Roberts 275 Albany St. Springfield, 01105 42-07-05N; 72-34-38W	2,077
EPA	Stony Brook Electrical Generating Plant Mass Municipal Wholesale Electric Co. Moody St. Ludlow, 01056 42-11-44N; 72-30-36W FRP01A0100	17,304
EPA	Mobil Oil Company 145 Albany St., (Rt. 85) Springfield, 01105 42-07-09N; 72-34-47W (Napier St.)---> 10,811 42-07-07N; 72-34-39W (Albany St.)---> 2,700 FRP01A0008	13,511

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	Petroleum Heat and Power Co. Punderson Oil Co. 60 Hannon St. Springfield, 01105 42-06-51N; 72-34-47W FRP01A0183 #2	1,604
EPA	Ultramar Petroleum 195 Armory St. Springfield, 01104 42-06-58N; 72-34-46W	2,330
EPA	Wyatt, Inc. 1053 Page Blvd. Springfield, 01104 42-08-46N; 72-32-47W FRP01A0164 #2,K	2,524
EPA	Republic Oil 167 Albany St. Springfield, 01105 42-07-04N; 72-34-32W	2,545
EPA	Gulf Oil/ a Div. of Cumberland Farms (formerly Tenneco) 55 Randall Place Springfield, 01108 42-05-49N; 72-33-17W FRP01A0188 #2	3,612
EPA	L.E. Belcher St. James Terminal 615 St. James Ave. Springfield, 01109 42-07-30N; 72-34-05W FRP01A0112 #2,K	7,834
EPA	L.E. Belcher Armory Terminal 225 Armory St. Springfield, 01109 42-07-30N; 72-34-00W FRP01A0113 G	4,377

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	Masspower Cogeneration Indian Orchard 750 Worcester St. Springfield, 01151 42-09-26N; 72-31-29W FRP01A0169	1,273
	NG, #2, Mineral Oil	
EPA	Coastal Oil of New England, Inc. JOFFE Terminal 160 Rocus St. Springfield, 01104 42-08-50N; 72-32-18W FRP01A0059	2,268
EPA	<u>HAMPSHIRE COUNTY:</u> Northeast Utilities West Springfield Station West Springfield, 01089 42-05-44N; 72-35-49W	21,500
EPA	Northeast Utilities Mount Tom Station Northhampton, 42-16-12N; 72-36-30W	6,500
EPA	Lennox Fuel Company 25 Texas Rd. Northampton, 01060	
USCG	<u>MIDDLESEX COUNTY:</u> Garritty Oil 100 Sturtevant St. Somerville, 02145 42-23-24N; 71-04-42W	
EPA CL	Shell Oil 313 Waverly Oaks Rd. Waltham, 02154 42-23-03N; 71-12-22W	

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Cambridge Electric Light Co. Kendall Square Generating Station 265 First St. Cambridge, 02142 42-21-47N; 71-04-53W FRP01A0053	2,207
USCG	<u>NANTUCKET COUNTY:</u> Nantucket Electric Co. Generating Station Commercial & New Whale St. Nantucket, 02554 41-16-58N; 70-05-46W FRP01A0063 #2	550*
USCG	Harbor Fuel Oil Corporation (Salem & New Whale St.) 15 Sparks Ave. Nantucket, 02554 41-16-59N; 70-05-46W FRP01A0099 G,JetFuel,K,#2,D	1,051
EPA	<u>NORFOLK COUNTY:</u> Bellingham Co-Generation Facility Inter-Continental Energy Corp./ Westinghouse Electric 92 Depot St. Bellingham, 02019 42-05-33N; 71-28-58W FRP01A0187 #2,#2D	2,130
USCG	Braintree Electric Light Dept. Potter St. Station 44 Allen St. Braintree, 02184 42-13-17N; 70-57-59W FRP01A0172 #2,D,O	3,376

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Quinoil Industries, Inc. Town River Terminal 728 Southern Artery Quincy, 02169 42-15-09N; 70-59-05W FRP01A0180 #2, K, #4, #6	28,644
USCG	Citgo Petroleum East Braintree Terminal 385 Quincy Ave. East Braintree, 02184 42-13-58N; 70-58-21W	
USCG	Boston Edison Co. 1 Bridge St. N. Weymouth, 02191 42-14-26N; 70-57-55W	
USCG	Sprague Energy Corp. (Boston Edison Co. leasor) 5 Bridge St. N. Weymouth, 02191 42-12-56N; 70-59-40W FRP01A0145	20,580
EPA	U.S. Naval Air Station Public Works Office, Bldg. 11 So. Weymouth, 02190 42-09-05N; 70-56-29W FRP01A0096 #2, JP-4, JP-5, PCB, D, G	1,277
EPA	<u>SUFFOLK COUNTY:</u> Consolidated Rail Corp. (Amtrak) Beacon Park Shop 170 Cambridge St. Allston, 02134 42-21-29N; 71-07-24W	
USCG	Boston Edison 173 Alford St., (Mystic Station) Charleston, 02179 42-23-28N; 71-04-06W FRP01A0064 #6, NG, O	25,037

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	AFMC - Atlantic Fuels Marketing Corp. (Global Petroleum Corp. Vendor) 11 Broadway Chelsea, 02150 42-23-10N; 71-02-40W FRP01A0152	28,754
USCG	Northeast Petroleum Corp. Div. of Cargill 295 Eastern Ave. Chelsea, 02150 42-23-09N; 71-01-20W FRP01A0048	11,962
USCG	Amoco Oil Co. 111 Eastern Ave. Chelsea, 02150 42-23-21N; 71-01-21W (to cease operations FRP01A0023 on May 1, 1993)	26,600
USCG	Gulf Oil Co. (Cumberland Farms) 281 Eastern Ave. Chelsea, 02150 42-23-33N; 71-01-15W FRP01A0184 #2,G,JET-A,#2D	54,718
USCG	Coastal Oil of New England 99 Marginal Way Chelsea, 02150 42-23-10N; 71-02-02W FRP01A0057	11,646
USCG	Mobil Oil Co. 580 Chelsea St. East Boston, 02128 42-22-59N; 71-01-31W FRP01A0022	49,128
USCG	Northeastern Petroleum Div. of Cargill (Revere Terminal) 96 Lee Burbank Highway Revere, 02151 42-23-50N; 71-00-27W FRP01A0049	13,020

MASSACHUSETTS

Bulk Oil Storage Facilities Over One-Million Gallons

THOUSANDS
OF GALLONS

USCG	Belcher New England Everett, 02149 42-23-24N; 71-03-57W	
USCG	Coastal Oil of New England 222 Lee Burbank Highway Revere, 02151 42-23-57N; 71-00-16W FRP01A0056	57,289
USCG	Exxon Company 52 Beacham St. (off Bow) Everett, 02149 42-23-46N; 71-03-33W FRP01A0118	121,800
USCG	Gibbs Oil (British Petroleum, Inc.) 41 Lee Burbank Highway Revere, 02151 42-23-44N; 71-00-23W FRP01A0156 G,JP-4,D	31,609
USCG	Global Petroleum Corp. (ARCO) 140 Lee Burbank Highway Revere, 02151 42-23-53N; 71-00-22W FRP01A0097 G,#2,K,D,D/A	21,008
USCG	Boston Edison New Boston Station 776 Summer St. South Boston, 02127 42-20-21N; 71-02-06W FRP01A0065 #6,NG,D,O	6,872
USCG	Coastal Oil of New England 900 East First St. South Boston, 02127 42-20-25N; 71-01-40W FRP01A0058 #2,#6,D	108,730

MASSACHUSETTS

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

	<u>WORCESTER COUNTY:</u>	
EPA	Shell Oil Co.	16,000
	Shrewsbury St.	
CL	W. Boylston, 01583 42-20-20N; 71-46-12W	

NEW HAMPSHIRE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	<u>HILLSBOROUGH COUNTY:</u>	
	Anheuser-Busch 221 D.W. Highway Merrimack, 03054 42-49-21N; 71-29-4W	1,176
EPA	Whaleco Oil Co. Rt. 13, South Milford, 03055 42-48-47N; 71-35-48W	1,048
USCG	<u>ROCKINGHAM COUNTY:</u>	
	Fuel Storage Corp. 78 Patterson Lane Newington, 03801 70-48-07W; 43-06-29N FRP01A0078 D, #2, #6, K, G, Asphalt	35,448
USCG	SEA-3 Inc., 78 Patterson Lane Newington, 03801 43-06-24N; 70-48-05W LPG	16,800
EPA	Cash Energy Inc. Kelley Rd. Plaistow, 03865 42-51-16N; 71-06-26W Bulk Waste Oil	2,337
USCG	ATC Sprague Energy Corp. 126 River Rd. Newington, 03801 43-06-55N; 70-49-01W FRP01A0129 Caustic, #2, D, K, Asphalt, Tallow	47,859
CL	U.S. Navy DFSP-Newington 78 Paterson Lane Newington, 03801 43-06-27N; 70-48-08W JP-4	15,120

NEW HAMPSHIRE

Bulk Oil Storage Facilities Over One-Million Gallons

THOUSANDS
OF GALLONS

USCG	Public Service Co. of NH Newington Power Station Newington, 03801 43-05-58N; 70-47-28W #6,NG	<1 Million*
EPA	Northeast Utilities - PSC Div. (Manchester Power Generating Station) Manchester, 03103 43-00-12N; 71-28-24	10,500
USCG	Mobil Oil Corp. Portsmouth Terminal 193 Gosling Rd. Newington, 03801 43-05-53N; 70-47-20W FRP01A005 G,D,#2	21,390
USCG	Northeast Utilities - PSC Div. Schiller Storage for Newington Station Gosling Rd. Portsmouth, 03801 43-05-43N; 70-47-09W FRP01A0024 #6,NG	23,352
USCG	Northeast Utilities - PSC Div. Schiller Storage for Schiller Station 290 Gosling Rd. Portsmouth, 03801 43-05-41N; 70-46-58W FRP01A0024 NG,#6,Coal,Jet-A	8,710 Active + 1,260 Empty Tank
USCG	Sprague Energy Corp. 290 Gosling Rd. Portsmouth, 03801 43-05-34N; 70-47-02W FRP01A0130 #2,#6	14,364
USCG	Northeast Petroleum Div. of Cargill 50 Preble Way Portsmouth, 03801 43-05-26N; 70-46-08W FRP01A0043 #2,D,K	23,160

NEW HAMPSHIRE

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	<u>MERRIMACK COUNTY:</u>	
	Bow Power Station Bow, 03304 43-08-32N; 71-28-12W	1,130
	USCG Pease AFB - Base Tanks Newington, 03801 43-05-38N; 70-48-47W	10,486
EPA	Fern's Energy Industrial Park Drive Concord, 03301 43-11-50N; 71-23-35W	1,000

RHODE ISLAND

Bulk Oil Storage Facilities Over One-Million Gallons

**THOUSANDS
OF GALLONS**

USCG	<u>NEWPORT COUNTY:</u> U.S. Navy DFSP - Melville 100 Alexander Road Portsmouth, 02871 41-34-14N; 71-17-19W Tank Farm #3-->6,239 41-34-59N; 71-16-43W Tank Farm #2-->9,975 41-35-17N; 71-16-42W Tank Farm #1-->27,720 41-35-23N; 71-17-12W Back Yard-->14,112 FRP01A0106 G,D,JP4&5,Oils	58,046
USCG	Newport Electric (Power Generating Station) Newport, 02840	
USCG	Borden & Remington Corp. (BOREMCO) (State Street Terminal) 25 State Ave. North Tiverton, 02878 41-39-30N; 71-11-46W FRP01A0041 K,#2,D,A	24,685
USCG CL	Northeast Petroleum Corp. (Texaco) (Refined Petroleum Storage Terminal) DFSP 995 Old Main Rd. Tiverton, 02878 41-38-55N; 71-12-15W FRP01A0046	
USCG	<u>PROVIDENCE COUNTY:</u> Gibbs/Getty Terminals Corp. Massasoit Ave. and Dexter Rd. East Providence, 02914 41-50-05N; 71-22-10W FRP01A0176 G,D,A,#2	14,142
USCG	Coastal Oil New England Inc. 100 Dexter Ave. East Providence, 02914 41-49-55N; 71-22-18W FRP01A0060 #2,K	14,330

RHODE ISLAND

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Mobil Oil Corp. East Providence Terminal 1001 Wampanoag Trail Riverside, 02915 41-47-10N; 71-20-50W (Inland - East) 41-47-02N; 71-22-05W (Shore - West)	
USCG	Gulf Oil Refining & Marketing Corp. Veterans Memorial Parkway East Providence, 02914 41-48-20N; 71-23-05W	
USCG	Union Chemical Division 1 Pier Rd. East Providence, 02914 41-48-45N; 71-23-31W	
EPA	Colfax, Inc. 38 Colfax St. Pawtucket, 02860 41-51-31N; 71-24-36W	1,538
USCG	C.H. Sprague & Son (Sprague Energy) 144 Allens Ave. Providence, 02903 41-48-40N; 71-24-09W FRP01A0150 #2, #6, Cetane	15,046
USCG	Hudson Terminal Corp. (New England Bituminous Corp.) 29 Terminal Rd. Providence, 02905 41-47-53N; 71-23-29W FRP01A0152 Asphalt, K, #2, #6, D	14,121
USCG	Northeast Petroleum (Div. of Cargill) 170 Allens Ave. Providence, 02903 41-48-33N; 71-24-12W FRP01A0172 K, #2, D	7,257

RHODE ISLAND

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	Providence Terminal (Sunoco/Atlantic) 35 Terminal Rd. (Fields Point) Providence, 02905 41-47-49N; 71-23-28W FRP01A0079 G, #2	5,838
USCG	Newport Yachting Center 4 Commercial Wharf Newport, 02840 41-29-09N; 71-19-03W FRP01A0109 D, G, #2, WO	83 *
USCG	Star Enterprise (Texaco) 520 Allens Ave. Providence, 02905 41-48-03N; 71-23-50W (North)----->27,645 41-47-47N; 71-24-03W (South)----->35,882 FRP01A0073 G, D, #2	63,527 Total
USCG	NEPCO Narragansett Electric Co. Manchester St. Station 40 Point Street Providence, 02903 41-48-53N; 71-24-18W FRP01A0103 #6	5,712
USCG	Providence Terminal Association 130 Terminal Rd. Providence, 02905 41-47-43N; 71-23-36W	
USCG	Citgo Petroleum Corp. 130 Terminal Road Providence, 02905 41-47-44N; 71-23-12W FRP01A0012 K, G	17,740

RHODE ISLAND

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

USCG	<u>WASHINGTON COUNTY:</u> Galilee Fuel Service 270 Great Island Road Point Judith, 02882 41-20-10N; 71-20-30W FRP01A0175	30*
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VERMONT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

	<u>ADDISON COUNTY:</u>	
EPA	Green Mountain Power Co. Berlin #5 Plant Montpelier, 05602 44-00-07N; 72-03-07W	1,000
EPA	Central Vermont Public Service Montpelier,	1,260
	<u>BENNINGTON COUNTY:</u>	
EPA	Central Vermont Public Service Lincoln St. Bennington, 05201	
EPA CL	City of Burlington (Formerly Astroline Petroleum Terminal) Lake St. Burlington, 05401 44-29-06N; 73-13-37W FRP01A0178 Sludge/JP-4, K, #2	4,448 Pet. 4,279 Sludge
EPA	Mobil Oil - Burlington Terminal 2 Flynn Ave. Burlington, 05401 44-27-26N; 73-13-13W FRP01A0040 #1, #2, D, G	17,005
EPA	IBM Corp. 1000 River Rd. (Dept 728) Essex Junction, 05452 44-28-46N; 73-05-51W (South Farm)----->900 44-28-55N; 73-05-47W (North Farm)----->1890 44-28-48N; 73-06-47W (Williston Site)->130 FRP01A0084	2,920 Total
EPA	Burlington Airport 44-28-32N; 73-08-51W	1,680

VERMONT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	Burlington Light & Power Co. McNeil Generating Station Burlington, 05401 44-29-15N; 73-13-41W	
EPA	<u>RUTLAND COUNTY:</u> H.A. Eddy Propane, Inc. 148 Spruce St. Rutland, 05701 43-36-00N; 72-58-39W	1,040
EPA	Central Vermont Public Service Co. Rutland, 05701 43-36-70N; 72-58-32W	1,260
EPA	Mobil Oil Rutland,	3,030
EPA	Agway-Gulf 287 West Street Rutland, 05701 43-36-24N; 72-59-21W	42*
EPA	<u>WASHINGTON COUNTY:</u> Johnson & Dix 572 North Main St. Barre, 05641	
EPA	<u>WINDSOR COUNTY:</u> Springfield Texaco Springfield, 05156	3,830
EPA	Johnson & Dix Fuel 80 Hartness Ave., Springfield, 05156	587*

VERMONT

**Bulk Oil Storage Facilities
Over One-Million Gallons**

**THOUSANDS
OF GALLONS**

EPA	<u>WINDHAM COUNTY:</u> Central Vermont Railway Valle Inc. 282 S. Main St. Saint Albans/Brattleboro, 05478/05301 FRP01A	
EPA	Central Vermont Public Service Co. Rutland, 05701 43-36-70N; 72-58-32W	1,260

APPENDIX A

AREA-SPECIFIC ABBREVIATIONS, ACRONYMS AND DEFINITIONS

APPENDIX B

[RESERVED]

RECORD OF AMENDMENTS

REGION I INLAND AREA CONTINGENCY PLAN

VOLUME II

RECORD OF AMENDMENTS

[illegible]