

**DRAFT
PUBLIC INVOLVEMENT PLAN
FORMER BIRD MACHINE COMPANY PROPERTY
100 NEPONSET STREET
WALPOLE, MASSACHUSETTS**

Release Tracking Numbers:

**3-23513, 3-23575, 3-24105, 3-24222,
3-24883, 3-25233, 3-25327**

Prepared for:

BAKER HUGHES PROCESS SYSTEMS, INC.
3900 Essex Lane, Suite 1200
Houston, Texas 77210-4740

Prepared by:

WESTON SOLUTIONS, INC.
One Wall Street
Manchester, New Hampshire 03101-1501

4 January 2006

W.O. No. 12237.007.002

TABLE OF CONTENTS

Section	Page
1. INTRODUCTION.....	1-1
2. SITE BACKGROUND.....	2-1
2.1 SITE DESCRIPTION AND HISTORY	2-1
2.2 ENVIRONMENTAL ASSESSMENT	2-4
2.3 PUBLIC INVOLVEMENT HISTORY	2-10
3. ADDRESSING PUBLIC CONCERNS.....	3-1
4. PUBLIC INVOLVEMENT ACTIVITIES	4-1
4.1 INFORMING THE PUBLIC.....	4-1
4.1.1 Information Repositories	4-1
4.1.1.1 Publicly Available Site Files.....	4-1
4.1.1.2 Local Information Repository.....	4-2
4.1.2 Site Mailing List	4-2
4.1.3 Notification of Local Officials and Residents of Major Milestones and Events.....	4-3
4.1.3.1 Notification List.....	4-3
4.2 SOLICITING PUBLIC INPUT	4-4
4.2.1 Public Meetings	4-4
4.2.2 Public Comment Periods.....	4-4
4.2.3 Response to Comments.....	4-5
5. SCHEDULE FOR PUBLIC INVOLVEMENT ACTIVITIES.....	5-1
6. RESPONSIBILITY FOR IMPLEMENTING THE PUBLIC INVOLVEMENT PLAN.....	6-1
7. REVISIONS TO THIS PLAN	7-1
 APPENDIX A DRAFT MAILING LIST	
 APPENDIX B GENERAL OVERVIEW OF THE MCP PROCESS	
 APPENDIX C LIST OF DOCUMENTS SENT TO WALPOLE PUBLIC LIBRARY REPOSITORY, DECEMBER 2005	

LIST OF FIGURES

Figure 1	Site Locus Map	2-2
Figure 2	Property Map	2-3

EXHIBITS

Exhibit I	Community Concerns About the Bird Machine Company Sites	2-11
Exhibit II	Schedule of Public Involvement Activities.....	5-2

LIST OF ACRONYMS

ACM	asbestos-containing material
CMR	Code of Massachusetts Regulations
EPA	U.S. Environmental Protection Agency
ft	feet
HNA	Head of the Neponset Aquifer”
MassDEP	Massachusetts Department of Environmental Protection
MCP	Massachusetts Contingency Plan
NAPL	Non-aqueous Phase Liquid
NHESP	Natural Heritage and Endangered Species Program
OHM	oil or hazardous materials
Property	former Bird Machine Company property
RAO	Response Action Outcome
RTN	Release Tracking Numbers
Site	Disposal Site
WESTON®	Weston Solutions, Inc.

SECTION 1

INTRODUCTION

1. INTRODUCTION

The former Bird Machine Company property (Property) is located at 100 Neponset Street in South Walpole, Massachusetts. Weston Solutions, Inc. (WESTON®) was retained by current owner of the Property, Baker Hughes Process Systems, Inc., to prepare a Public Involvement Plan (PIP) in accordance with the Massachusetts Contingency Plan (MCP).

The Massachusetts Department of Environmental Protection (MassDEP) has assigned a total of 11 Release Tracking Numbers (RTN) for releases of oil or hazardous materials (OHM) that have occurred at the Property. Each RTN represents a Disposal Site (Site) under the MCP. Four of the Sites have been closed. There are seven Sites currently active at the Property. The total list of Sites includes the following:

- Oil Spill Site, RTN 3-3310 (closed)
- Cart Path Area, RTN 3-2469 (closed)
- Reclamation Area, RTN 3-17485 (closed)
- Outfall 2, RTN 3-22935 (closed)
- Lead Release Area, RTN 3-23513
- Release of Hydrocarbons to the Neponset River, RTN 3-23575
- Demolition Debris Area, RTN 3-24105
- Manufacturing Building, RTN 3-24222
- Non-aqueous Phase Liquid (NAPL) Site, RTN 3-24883
- Western ACM, RTN 3-25233
- Flood Release, RTN 3-25327

On 9 November 2005, Mr. Clayton Curtis of Baker Hughes Incorporated received a petition from 10 Walpole townspeople requesting that all MCP Sites at the Property be designated as a PIP site, under Section 14 (b) of Massachusetts General Laws chapter 21E (M.G.L. c. 21E). On 23 November 2005, Baker Hughes Incorporated officially designated the seven active MCP Sites at the Property, collectively, as a PIP site. The four previously-closed MCP Sites (RTN 3-3310, RTN 3-2469, RTN 3-17485, and RTN 3-22935) do not qualify for inclusion in the PIP process.

This Draft Plan has been prepared by WESTON on behalf of Baker Hughes Process Systems, Inc. in accordance with the requirements of the MCP regulations, 310 Code of Massachusetts Regulations (CMR) 40.00.

Four of the seven Sites at the Property have been Tier-Classified in accordance with the MCP, and have been classified as Tier II. The other three Sites will be Tier-Classified in 2006 and are also expected to be Tier II sites. Sites that have been classified as a Tier II are not considered priority sites by MassDEP. MassDEP does not oversee response actions at Tier II sites, but does perform audits of actions taken at many Tier II sites. Parties responsible for response actions at Tier II sites are required to retain a licensed site professional to plan, oversee, and document response actions at the site in accordance with the MCP. Response actions include determining the nature, source and extent of the contamination; risk posed by the site; whether cleanup actions are necessary and if necessary, determining and implementing the most appropriate actions. In addition, the MCP process provides opportunities for public involvement throughout the process.

Public involvement during the MCP process is undertaken to ensure that the public is both informed of and involved in planning for response actions. For a site at which the public indicates interest in becoming involved in this process, the responsible party designates the site as a PIP site, and prepares a plan which identifies specific activities that will be undertaken to address public concerns to the extent possible.

This Draft Plan has been prepared on behalf of Baker Hughes Process Systems, Inc. and will be reviewed by the public and revised based on comments submitted. The Final Plan will be implemented in conjunction with the development and implementation of response actions for the Sites.

Section 2 contains background information on the Sites, including Property description; site history and summary of response actions performed to date; and public involvement activities performed to date. Section 3 explains how the response action process addresses community concerns which are raised during the development of the Plan, and how this Plan will be modified to address community concerns. Section 4 explains the proposed public involvement activities. Section 5 contains a schedule for public involvement activities. Section 6 outlines the roles and responsibilities of those involved in implementing the Plan. Section 7 describes how the Plan will be revised in the future.

This Draft Plan will be presented by Baker Hughes Process Systems, Inc. and WESTON at a public meeting to be held on Wednesday, 4 January 2005 at 7 PM at the Walpole Town Hall, Room 112. Comments on the Draft Plan are encouraged and may be submitted at the meeting or by writing to:

Mr. Clayton Curtis, Health Safety and Environment Manager
Baker Hughes Incorporated
3900 Essex Lane
Houston, Texas 77027-5177
(713) 439-8329

Comments submitted by close of business on Tuesday, 24 January 2005, will be considered during preparation of the Final Plan.

SECTION 2

SITE BACKGROUND

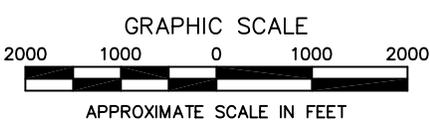
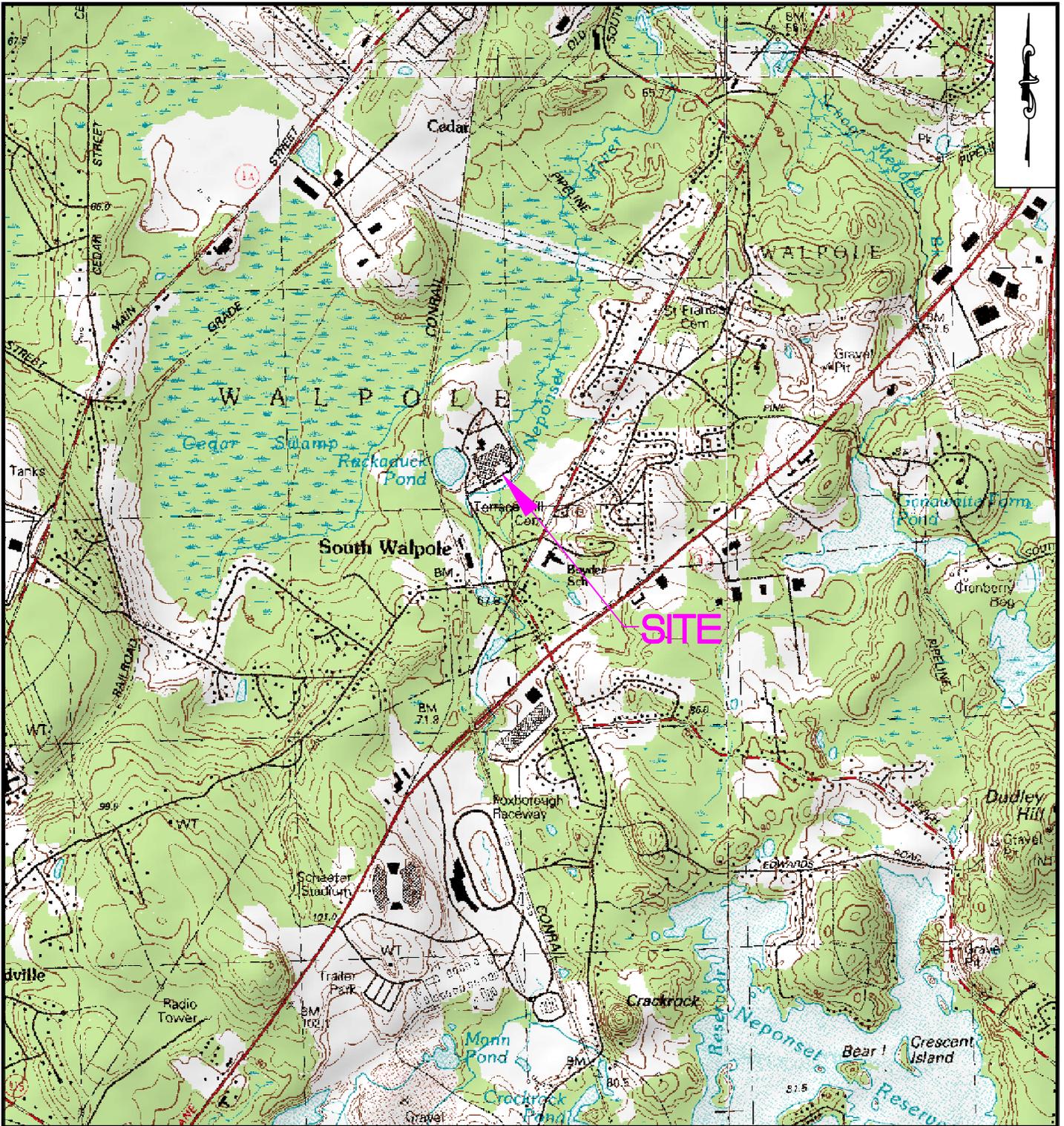
2. SITE BACKGROUND

2.1 SITE DESCRIPTION AND HISTORY

The Property is located at 100 Neponset Street, South Walpole, Massachusetts. The Property encompasses approximately 165 acres of developed land, woodland, and wetlands. The Neponset River, Cedar Swamp Brook, and associated wetlands are located on and/or adjacent to the Property. Figure 1 is the Site Locus Map, showing the general location of the Property. Figure 2 is the Property Map which shows pertinent features such as property boundaries, access roads and driveways, buildings, and surface water and drainage features. Figure 2 also shows the approximate boundary of each of the seven active MCP Sites located on the Property.

There are no drinking water Zone II areas, Interim Wellhead Protection Areas, Zone A areas, Potentially Productive Aquifers, or private wells within 500 feet (ft) of the Property. The “Head of the Neponset Aquifer” (HNA) underlies the entire Property. The U.S. Environmental Protection Agency (EPA) designated the HNA as a Sole Source Aquifer in December 1988, in response to a petitioned request by the Town of Walpole and other municipalities. The HNA covers over 30 square miles, and “encompasses most of Walpole, and portions of Dover, Foxboro, Medfield, Norwood, Sharon, and Westwood”. At the time of the petition to EPA, Walpole had not prepared the Zone II analysis for its water supply wells. The nearest Zone II boundary, as established by Walpole in 1994, is more than 1,000 ft from the Site.

No Areas of Critical Environmental Concern, local, state, and/or federal protected open space, fish habitats, or Threatened or Endangered Species are known to be located within 500 ft of the Property. A portion of the Property contains an area mapped by the Natural Heritage and Endangered Species Program (NHESP) “*NHESP 2003 Estimated Habitats of Rare Wetlands Wildlife: For Use with the MA Wetlands Protection Act Regulations (310 CMR 10)*”, as shown on Map 3 Natural Resources Inventory of the Walpole Master Plan. The “Estimated Habitat” area covers a portion of the Property, but does not include any of the seven active MCP Sites. The Estimated Habitat is within 500 ft of two of the Sites.



NOTE:
 MAP FROM DELORME XMAP 4.0 SOFTWARE –
 MASSACHUSETTS, CONNECTICUT, AND RHODE
 ISLAND TOPO QUAD CD.

QUADRANGLE LOCATION

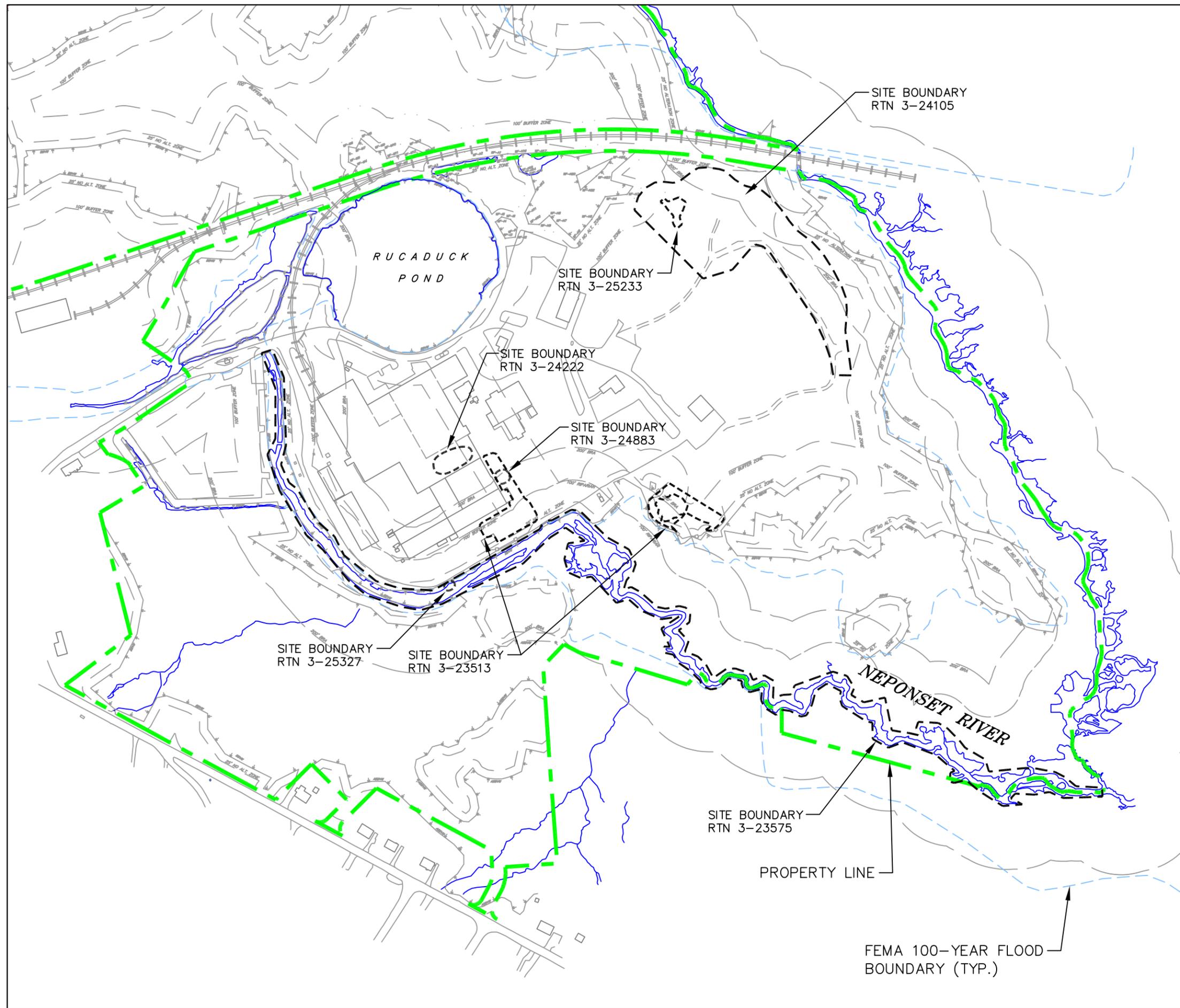


PUBLIC INVOLVEMENT PLAN
 BIRD MACHINE COMPANY
 100 NEPONSET STREET
 SOUTH WALPOLE, MA

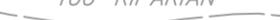
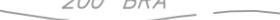


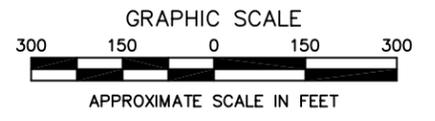
MANCHESTER		NEW HAMPSHIRE		
DRAWN	DATE	DES. ENG.	DATE	W.O. NO.
A.J.M.	JAN 2006			12237.007.002
CHECKED	DATE	APPROVED	DATE	FIGURE NO.
				1

M:\Design\DWG\PROCESS\presentation_aerials\Public Involvement Plan.dwg, FIG 2, 1/3/2006 3:08:21 PM, GIRARDEB, 1:1



LEGEND

-  BOUNDARY OF BORDERING VEGETATED WETLAND
-  APPROX. BOUNDARY OF BORDERING VEGETATED WETLAND
-  WETLAND BUFFER ZONE
-  100' RIPARIAN ZONE
-  200' RIVERFRONT AREA



MANCHESTER NEW HAMPSHIRE

BIRD MACHINE COMPANY
100 NEPONSET STREET
WALPOLE, MASSACHUSETTS

PUBLIC INVOLVEMENT PLAN

DRAWN	BEG	DATE	JAN 2006	FIGURE NO. 2
CHECKED		W.O. No.	12237.007.002	

The Property was reportedly used for agricultural and residential uses prior to the late 1800s. Bird Machine Company occupied two existing mill buildings and began on-site manufacturing operations in 1920. Bird Machine Company primarily manufactured and repaired industrial machinery, including centrifuges. Bird Machine Company constructed building expansions at the Property over the next 80 years, including significant expansions in 1946, 1964, and 1974. Manufacturing operations at the Site were discontinued in 2004. Currently, the only workers at the Site are security personnel, which are present 24 hours per day. These employees regularly work in the vicinity of the Site and periodically enter the buildings for security checks.

There are presently no inhabited houses on the Property. There are no schools, daycare centers, playgrounds, or parks within 500 ft of any of the seven active MCP Sites located on the Property.

2.2 ENVIRONMENTAL ASSESSMENT

The seven active MCP Sites and supporting reference material are described below. The reference materials that are available at the Walpole Public Library are mentioned specifically in this section. Additional correspondence and information may also be available at the Northeast Regional Office of the MassDEP, located in Wilmington, Massachusetts.

Lead Release Area

MassDEP was notified of the Lead Release Area on 14 January 2004. MassDEP assigned RTN 3-23513 and issued a Notice of Responsibility Letter to Bird Machine Company under the MCP on 10 February 2004. This Site has been classified as Tier II. The Lead Release Area comprises areas on the Property where metallic wastes (containing primarily lead and oil) were used as fill. The time when fill materials were placed is not known; however, it is known that the fill was placed prior to the mid-1970s. A Release Abatement Measure was started at this Site in July 2005. To date, soil and debris, including 55-gallon drums, have been removed and disposed of off-site. Additional removal actions are on-going, as weather permits. Three reports pertaining to this RTN have been submitted to MassDEP to date. These reports are available for review at the Walpole Town Library and are listed below:

- *Phase I Initial Site Investigation Report, Bird Machine Company, Lead Release Area, dated 13 January 2005, prepared by WESTON.*

- *Release Abatement Measure Plan, Lead Release Area, Removal Action*, dated 23 June 2005, prepared by WESTON.
- *Release Abatement Measure Status Report, RTN 3-23513-Lead Release Area*, dated 19 October 2005, prepared by WESTON.

The following reports regarding this Site will be submitted to MassDEP in the next year:

- Release Abatement Measure Status Reports due in April 2006 and October 2006 [if Release Abatement Measure Completion Report is not submitted prior to these dates].
- Release Abatement Measure Completion Report, due 60 days following completion of Release Abatement Measure activities.
- Phase II Comprehensive Site Assessment Report due in January 2007.
- Phase III Remedial Action Plan due in January 2007.

Release of Hydrocarbons to the Neponset River

MassDEP was notified of a release of hydrocarbons to the Neponset River, as evidenced by a small oil stain on the ice in the Neponset River, on 21 January 2004. MassDEP assigned RTN 3-23575 and issued a Notice of Responsibility letter to Bird Machine Company. This Site has been classified as Tier II. Based on observations made by MassDEP and Bird Machine Company personnel on 23 January 2004, the oil stain appeared to be remote from any potential active releases from the Property, and appeared to be the result of a historical release. The Neponset River Site comprises the area where hydrocarbons were released from the Property to the Neponset River and associated affected bank soils and sediments. A total of nine “outfalls”, or discharge points to the Neponset River, were used at the Property. Eight of these outfalls (numbered 1 through 7 and 9) presently convey stormwater from the Property to the Neponset River. Records indicate that releases of hydrocarbons to the Neponset River occurred at two of these outfalls (Outfalls 2 and 7) in the past. An Immediate Response Action is presently being performed at this Site, which includes an Environmental Risk Characterization. Three reports pertaining to this Site have been submitted to MassDEP to date. Copies of these reports

are available for review at the Walpole Town Library. The reports available for review at the Walpole Town Library are listed below:

- *Immediate Response Action Plan, Release of Hydrocarbons to the Neponset River*, dated 23 April 2004, prepared by URS Corporation.
- *Phase I Initial Site Investigation Report, Release of Hydrocarbons to the Neponset River, Bird Machine Company*, dated 21 January 2005, prepared by WESTON.
- *Immediate Response Action Status Report, Release of Hydrocarbons to the Neponset River*, dated 16 December 2005, prepared by WESTON.

The following reports regarding this RTN will be submitted to MassDEP within the next year:

- Immediate Response Action Status Reports due in June 2006 and December 2006 (if Immediate Response Action Completion Report is not submitted prior to these dates).
- Immediate Response Action Completion Report due 60 days following completion of Immediate Response Actions.
- Phase II Comprehensive Site Assessment due in January 2007.
- Phase III Remedial Action Plan due in January 2007.

Demolition Debris Area

A "Preliminary Assessment Report" regarding the Demolition Debris Area was submitted to Massachusetts Department of Environmental Quality Engineering (the predecessor agency to MassDEP) in 1989. At that time, MCP reportable conditions were not known to exist, and the Demolition Debris Area was described as an area that was inactive, but had been historically filled. MCP-reportable conditions were encountered during an investigation performed in 2004. A Release Notification was submitted to MassDEP in July 2004. MassDEP assigned the Demolition Debris Area RTN 3-24105 and issued a Notice of Responsibility Letter on 23 August 2004. This Site has been classified as Tier II. The Demolition Debris Area comprises areas on the Property where soil, demolition debris (asphalt, brick, concrete, and wood), metal-containing debris, paper and pulp wastes, and 55-gallon drums were used as fill. A Release Abatement Measure was commenced at this Site in July 2005, and is ongoing. Activities performed to date

include removal of soil and wastes, including 55-gallon drums. Three reports pertaining to this Site have been submitted to MassDEP since the Release Notification in July 2004. These reports, and the report prepared in 1989, are available for review at the Walpole Town Library and are listed below:

- *Preliminary Assessment Report, Landfill No. 2, Bird Machine Company*, dated 7 December 1989, prepared by Balsam Environmental Consultants, Inc.
- *Release Abatement Measure Plan, Demolition Debris Area, Removal Action*, dated 15 June 2005, prepared by WESTON.
- *Phase I Initial Site Investigation Report, Bird Machine Company, Demolition Debris Area*, dated 28 July 2005, prepared by WESTON.
- *Release Abatement Measure Plan Status Report, RTN 3-24105-Demolition Debris Area*, dated 1 November 2005, prepared by WESTON.

The following reports for this RTN will be submitted to MassDEP within the next year:

- Release Abatement Measure Status Reports due in May 2006 and November 2006 (if Release Abatement Measure Completion Report is not submitted prior to these dates).
- Release Abatement Measure Completion Report due 60 days following completion of Release Abatement Measure activities.

Manufacturing Building

Oil and metals detected in soil samples, and metals detected in groundwater samples, collected in 2004 from beneath a manufacturing building, exceeded MCP-reportable concentrations. MassDEP was notified of this release in September 2005. MassDEP assigned the Manufacturing Building RTN 3-24222 and issued a Notice of Responsibility Letter under the MCP on 14 September 2004. This Site has been classified as Tier II. The Manufacturing Building Site comprises the area beneath the floor of Building No. 6A where hazardous materials were detected in reportable concentrations in soils and groundwater. One report pertaining to this Site has been submitted to MassDEP to date. This report is available for review at the Walpole Town Library and is listed below:

- *Phase I Initial Site Investigation Report, Bird Machine Company, Manufacturing Building Area*, dated 14 September 2005, prepared by WESTON.

No reports are due to MassDEP for this RTN within the next year. Baker Hughes Process Systems, Inc. is considering the possibility of implementing a Release Abatement Measure at this Site in 2006. If a Release Abatement Measure is to be performed, a Release Abatement Measure Plan will be submitted to MassDEP. Public involvement activities will occur as described in this PIP (e.g., people on the mailing list will be notified in writing, a 10-day public comment period will be observed, comments will be addressed in writing, and verbal notifications will be made prior to commencing field work).

Non-Aqueous Phase Liquid (NAPL) Site

The NAPL Site was assigned RTN 3-24883 by MassDEP on 17 May 2005. The NAPL Site encompasses the area where the NAPL was observed in a test pit on 17 May 2005. The NAPL Site was discovered while performing investigations at the Lead Release Area Site (RTN 3-23513). The NAPL Site is located completely within the boundaries of the Lead Release Area. An “investigation-only” Immediate Response Action was performed at the Site. The NAPL was subsequently removed during implementation of the Release Abatement Measure for the Lead Release Area. One report pertaining to this RTN has been submitted to MassDEP to date. This report is available for review at the Walpole Town Library:

- *Immediate Response Action Completion Statement for Non-Aqueous Phase Liquid site, Former Bird Machine Company, dated 20 June 2005, prepared by WESTON.*

No future reports for this RTN are anticipated. Baker Hughes Process Systems, Inc. plans to submit a Notice that future actions associated with this RTN will be conducted as part of the response actions planned for the Lead Release Area Site (RTN 3-23513). This Notice must be filed, using a Tier Classification Transmittal Form, prior to 17 May 2006.

Western Asbestos-Containing Material Site

Baker Process, Inc. notified MassDEP of the discovery of asbestos-containing material (ACM) at the Property on 14 September 2005. MassDEP assigned RTN 3-25233 on 14 September 2005. The Western ACM Site comprises the area on the Property where ACM and ACM-contaminated soil were discovered during Release Abatement Measures conducted in the Western Clearing of

the Demolition Debris Area. An Immediate Response Action was required for this Site, since the release resulted in a 2-hour reportable condition. Baker Process, Inc. initiated the Immediate Response Action on 14 September 2005. Approximately 600 tons of soil containing ACM has been removed to date, and the remaining ACM is covered by soil and/or plastic sheeting for the winter. The Immediate Response Action will be completed when weather permits. One report pertaining to this RTN has been submitted to MassDEP to date. This report is available for review at the Walpole Town Library and is listed below:

- *Immediate Response Action Plan, Western ACM*, dated 11 November 2005, prepared by WESTON.

The following reports for this RTN will be submitted to MassDEP within the next year:

- Immediate Response Action Status Reports due in January 2006 and July 2006 (if Immediate Response Action Completion Report is not submitted prior to these dates).
- Immediate Response Action Completion Report due 60 days following completion of Immediate Response Actions of Phase I activities.

Upon completion of the Immediate Response Action, and submittal of the above reports, Baker Hughes Process Systems, Inc. plans to submit a Notice that future actions associated with this RTN will be conducted as part of the response actions planned for the Demolition Debris Area (RTN 3-24105). This Notice must be filed, using a Tier Classification Transmittal Form, prior to 14 September 2006.

Flood Release

MassDEP assigned the Flood Release RTN 3-25327 on 17 October 2005. MassDEP issued a Notice of Responsibility on 19 October 2005. The Flood Release RTN comprises the area on the Property where a release of oil occurred onto the pavement adjacent to one of the manufacturing buildings (Building No. 8), into the storm drain system, and then to the Neponset River via Outfall 7. An Immediate Response Action was required for this Site because the release resulted in a 2-hour reportable condition. Baker Process, Inc. initiated the Immediate Response Action on 17 October 2005. The Immediate Response Action consisted of a number of activities including cleaning of the floor of Building No. 8 and the pavement outside the building; installation of a

back-up sump pump; cleaning of the catch basins and storm drain; clearing of vegetation and removal of oil at Outfall 7; placement of oil-absorbent booms in the Neponset River; off-site disposal of water and wastes; and sampling of Neponset River water. Remaining Immediate Response Actions include maintenance of the booms, and sampling of sediment. One report pertaining to this RTN was submitted to MassDEP on 16 December 2005. A copy of the report is available for review at the Walpole Town Library.

- *Immediate Response Action Plan, RTN 3-25327- Flood Release*, dated 16 December 2005, prepared by Weston Solutions, Inc.

Anticipated future reports for this RTN to be generated and submitted to MassDEP include the following:

- Immediate Response Action Status Reports due in February 2006 and August 2006 (if Immediate Response Action Completion Report not submitted prior to these dates).
- Immediate Response Action Completion Report due 60 days following completion of Immediate Response Action activities.

Upon completion of the Immediate Response Action, and submittal of the above reports, Baker Hughes Process Systems, Inc. plans to submit a Notice that future actions associated with this RTN will be conducted as part of the response actions planned for the Demolition Debris Area (RTN 3-24105). This Notice must be filed, using a Tier Classification Transmittal Form, prior to 17 October 2006.

2.3 PUBLIC INVOLVEMENT HISTORY

The general public has been minimally involved with the Site to date. Assessment of community concerns has been based on, telephone discussions with the Walpole Town Administrator, the Walpole Health Agent, the Walpole Conservation Agent, and the key petitioner, review of the petition submitted by the group of concerned citizens, public comments received during a hearing before the Walpole Conservation Commission, and review of articles in the Walpole Times. These concerns are presented in Exhibit I. The community concerns will be addressed and incorporated in the PIP subsequent to the public meeting scheduled for 4 January 2006.

Exhibit I

Community Concerns About the Bird Machine Company Sites

- A. Concerns about the nature and extent of contamination:
- B. Concerns about routes of exposure and neighborhood health issues:
 - Truck traffic through the neighborhood, particularly Neponset Street and Willow Street.
 - Noise, in particular in early morning or at night.
- C. Concerns about the site remediation process:
 - Possible exposure to dust or air emissions during performance of Release Abatement Measures.
 - Potential filling or disturbance of wetlands.
 - Potential disturbance of wetland buffers.
 - Restrictions on the future use of the Property that may be required to comply with the MCP.
- D. Concerns about opportunities for public involvement during the response action process:
 - The petitioners' desire to learn about the MCP Sites at the Property and the response actions being taken lead to filing the PIP petition.
- E. Other Concerns:
 - Future use or development of the Property, including local municipal zoning, planning, and economic development issues.

SECTION 3

ADDRESSING PUBLIC CONCERNS

3. ADDRESSING PUBLIC CONCERNS

The process for assessing and cleaning up sites as set forth in the MCP (310 CMR 40) is designed to address the effects of the site on health, safety, public welfare, and the environment. Once a release of OHM has been confirmed at a site, the MCP process typically proceeds to the following:

- Numerical ranking and Tier Classification (Phase I).
- Comprehensive field investigation of the nature and extent of the contamination and an evaluation of any risks posed to the public and the environment from the Site (Phase II).
- Identification and evaluation of response action alternatives and selection of feasible measures that will achieve a permanent cleanup at the Site (Phase III).
- Implementation of the selected response actions (Phase IV).
- Operation and maintenance of the remedial/treatment system (Phase V).

Under the MCP, a Release Abatement Measure or Immediate Response Action may be implemented to reduce, control, or eliminate sources of contamination and to eliminate significant exposures. These actions may be taken at any time after release notification.

Dependent upon these response actions, a Response Action Outcome (RAO) Statement may be submitted at any time in the MCP process outlined above with or without an Activity and Use Limitation for regulatory closure.

Physical work at the site includes sampling and other environmental field testing, and the implementation of the selected response actions. It may also include the implementation of measures designed to stabilize conditions at the site to prevent the continued migration of contaminants or eliminate an imminent threat to public health, safety, welfare, or the environment until planning for response is underway (i.e., Release Abatement Measures or Immediate Response Actions).

At each step of the response action process, plans for work are developed, the work is conducted, and reports describing results, and recommendations for the next step are prepared. The documents which describe each of these steps are the cornerstone of the response action planning

process, since they provide the information necessary to make decisions about how a site should be cleaned up.

Refer to Appendix B for a general overview of the MCP process.

As noted in Exhibit I, the public has raised a number of concerns about the Sites. The response action planning process is designed to address the concerns about the nature and extent of contamination; risks posed by the Sites to health, safety, public welfare, and the environment; and the adequacy of proposed cleanup measures. These concerns will primarily be addressed in Phase II and III of this process. For example, Phase II will include an assessment of the potential impact of each Site on public health and the environment. Phase III will address the adequacy of proposed response actions to provide permanent solutions for the releases that occurred at each Site.

SECTION 4

PUBLIC INVOLVEMENT ACTIVITIES

4. PUBLIC INVOLVEMENT ACTIVITIES

In accordance with the MCP (310 CMR 40.1400), activities undertaken to involve the public in response actions serve two purposes:

- To inform the public about the risks posed by the Site, the status of response actions, and the opportunities for public involvement; and
- To solicit the concerns of the public about the Site and response actions so that, to the extent possible, these concerns can be addressed and incorporated in planning response actions.

To meet each of these objectives, Baker Hughes Process Systems, Inc. proposes to undertake specific activities during the response process at the Site. These activities are described below.

4.1 INFORMING THE PUBLIC

Baker Hughes Process Systems, Inc. will provide site-specific information to the public by establishing information repositories; developing and maintaining a site mailing list to distribute information about the Site; and providing advance notification to local officials and residents about site activities.

4.1.1 Information Repositories

4.1.1.1 Publicly Available Site Files

A file on the Site is maintained at the MassDEP Northeast Regional office. The file will contain all documents pertaining to the Site with the exception of any enforcement-sensitive material. Appointments to view the site files can be made by contacting:

Northeast Regional Office
35 Congress Street (Department of Transitional Assistance Building)
Shetland Office Park
Salem, Massachusetts
File Review Telephone Number: (978) 740-0809
Hours: Tuesday, Wednesday, and Thursday from 9:00 A.M. to 12:00 P.M.

4.1.1.2 Local Information Repository

Baker Hughes Process Systems, Inc. will maintain a local information repository to provide Walpole residents with easy access to information about the site cleanup process and results of site investigations. The site information repository will contain complete copies of submittals made to MassDEP. Other information that will be included in the repository will include: *Public Involvement Plan Interim Guidance for Waiver Sites*; press releases; public meeting summaries; summaries of responses to comments received; and copies of public notices about the Site. Information will be sent to the repository as it is developed. The information repository for the Site is located at:

Walpole Public Library
65 Common Street
Walpole, Massachusetts
(508) 660-7341
Mr. Warren Smith, Reference Librarian

Hours: Monday through Thursday 10 A.M. - 8 P.M. Friday and Saturday 10 A.M. - 5 P.M.

4.1.2 Site Mailing List

Baker Hughes Process Systems, Inc. has established a mailing list for the Site. The site mailing list will include: petitioners, interested residents, local news media, municipal officials (Chief Municipal Officer and Board of Health), MassDEP, and anyone else indicating an interest in receiving information about the Site. The mailing list will be used to announce upcoming public meetings, distribute fact sheets, notices of public comment periods on and the availability of documents in the information repositories, and any other relevant information about the Site. Baker Hughes Process Systems, Inc. will maintain the mailing list and update it as necessary. Baker Hughes Process Systems, Inc. will also provide MassDEP with a copy of the mailing list. Please refer to Appendix A for a draft mailing list. Anyone wishing to be added to the mailing list can contact:

Mr. Clayton Curtis, Health Safety and Environment Manager
Baker Hughes Incorporated
3900 Essex Lane
Houston, Texas 77027-5177
(713) 439-8329

4.1.3 Notification of Local Officials and Residents of Major Milestones and Events

The MCP requires community notification of major planning and implementation milestones at disposal sites. Major milestones include: the start of field work related to response actions involving the implementation of Phase IV remedial actions; the use of respirators or protective clothing (Level A, B, or C protection); or the start of any residential sampling.

Notification of any field work described in the previous paragraph will include information on the type of work and its approximate duration. Notification will be made by Baker Hughes Process Systems, Inc. to the people on the Notification List orally or in writing at least 3 days before activity is scheduled to begin.

The MCP requires community notification of the availability of phase reports. Notification at the end of an MCP phase will include a summary of the phase report and information on where the report can be reviewed.

Those to be notified include the following:

4.1.3.1 Notification List

Mr. Michael Boynton, Walpole Town Administrator	135 School Street, Walpole, MA (508) 660-7289
Ms. Robin Chapell, Walpole Health Agent	135 School Street, Walpole, MA (508) 660-7320
Ms. Landis Hershey, Walpole Conservation Agent	135 School Street, Walpole, MA (508) 660-7253
Ms. Deborah Burke, Key Petitioner	3 Beechwood Drive, Walpole, MA (508) 668-8766

In addition, the Walpole Fire and Police Departments will be notified in situations where public safety is a potential concern.

4.2 SOLICITING PUBLIC INPUT

Baker Hughes Process Systems, Inc. will provide opportunities for public input regarding site cleanup decisions by holding public comment periods to provide additional opportunities for oral and written input regarding site cleanup decisions and preparing summaries of all comments received during the public comment period and responses to them.

4.2.1 Public Meetings

Baker Hughes Process Systems, Inc. will brief the public about the status of the Site during the response action process. If the public wants meetings during the cleanup process, then the deliverables that would warrant meetings are, at a minimum: Draft PIP; Phase II Scope of Work; Phase II Report; Phase III Remedial Action Plan; Phase IV Remedy Implementation Plan; Immediate Response Action or Release Abatement Measure Plans; and RAO Statements (including Activity and Use Limitations).

Meetings will serve two purposes: to provide community officials and the general public with a progress report regarding response actions at the Site; and to provide an opportunity for the public to question and comment on response action plans for the Site.

Baker Hughes Process Systems, Inc. will announce public meetings by legal notice at least 14 days prior to the public meeting. A mailing will be made to all individuals on the site mailing list within 14 days of the public meeting. Baker Hughes Process Systems, Inc. will prepare meeting summaries, submit the summaries to MassDEP, and place a copy of the summaries in the local information repository.

4.2.2 Public Comment Periods

Baker Hughes Process Systems, Inc. will provide specific opportunities for the public to submit comments about documents concerning the Sites. When key documents are available in draft form, they will be provided to the information repositories, and a notice of their availability will be sent to the site mailing list. The notice will include the title of the document, where it is available for review, information about how to submit comments to Baker Hughes Process Systems, Inc., and the length of the public comment period, which will normally be 20 calendar

days, but may be longer if warranted by the complexity of a particular document or if requested by the public. Comment periods for Release Abatement Measures will be 10 days. Comment periods for Immediate Response Actions may be reduced or eliminated with MassDEP's review and concurrence. Baker Hughes Process Systems, Inc. will be responsible for providing document copies to the information repositories and to the MassDEP site file, as well as sending out notices of availability of any documents it prepares. Documents to be made available for public review are as follows:

- Draft PIP.
- Immediate Response Action/Release Abatement Measures Plan and Status Reports, if necessary.
- Immediate Response Action Completion Statements and supporting documentation.
- Reports summarizing the findings of Phase I Initial Site Investigations, Phase II Comprehensive Site Assessments, Phase III Remedial Action Plans, or Phase IV Remedial Implementation reports.
- RAO Statements, including Activity and Use Limitations (if necessary) for closure.

All of the above-stated documents may not be required depending on future findings at the Sites. A list of documents submitted to the public information repository at the Walpole Public Library is included in Appendix C.

4.2.3 Response to Comments

Baker Hughes Process Systems, Inc. will prepare a summary of all comments received on each document available for public comment, and Baker Hughes Process Systems, Inc. responses to these comments. A copy of this response summary will be sent to all those who submitted comments and will be placed in the information repository and the MassDEP site file. Baker Hughes Process Systems, Inc. will also send a notice of availability of the response summary to the mailing list. The summary will be made available prior to Baker Hughes Process Systems, Inc. taking the response action or prior to moving to the next MCP phase.

SECTION 5

SCHEDULE FOR PUBLIC INVOLVEMENT ACTIVITIES

5. SCHEDULE FOR PUBLIC INVOLVEMENT ACTIVITIES

Exhibit II provides a schedule of the public involvement activities listed in Section 4. The schedule specifies the milestones during the response action when public involvement activities will be conducted.

Exhibit II

**Schedule of Public Involvement
Activities**

23513 Lead Release Area				24883 NAPL Site			24105 Demolition Debris Area		
	<i>Required?</i>	<i>Date</i>	<i>Public Comment</i>	<i>Required?</i>	<i>Date</i>	<i>Public Comment</i>	<i>Required?</i>	<i>Date</i>	<i>Public Comment</i>
Phase I	Completed	13-Jan-05		Possibly (Note 1)	17-May-06	Yes	Completed	28-Jul-05	
Phase II	Yes	13-Jan-07	Yes				Yes	28-Jul-07	Yes
Phase III	Yes	13-Jan-07	Yes				Yes	28-Jul-07	Yes
Phase IV	Possibly	13-Jan-08	Yes				Yes	28-Jul-08	Yes
Response Action Outcome	Yes	13-Jan-10	Yes				Yes	28-Jul-10	Yes
RAM Plan	Completed	23-Jun-05		No			Completed	15-Jun-05	
RAM Status Report 1	Completed	19-Oct-05		No			Completed	1-Nov-05	
RAM Status Report 2	Yes	19-Apr-06	No	No			Yes	1-May-06	No
RAM Status Report 3	Possibly (Note 1)	19-Oct-06	No	No			Possibly (Note 1)	1-Nov-06	No
RAM Completion Report	Yes	60 days after completion	Yes	No			Yes	60 days after completion	Yes
IRA Plan	No			Yes	20-Jun-05		No		
IRA Status Report 1	No			No			No		
IRA Status Report 2	No			No			No		
IRA Completion Statement	No			Yes	20-Jun-05		No		

Exhibit II

**Schedule of Public Involvement
Activities**

25233 Western ACM Site			24222 Manufacturing Building			23575 Release of Hydrocarbons to Neponset River			25237 Flood-related Release of Oil to Neponset River		
<i>Required?</i>	<i>Date</i>	<i>Public Comment</i>	<i>Required?</i>	<i>Date</i>	<i>Public Comment</i>	<i>Required?</i>	<i>Date</i>	<i>Public Comment</i>	<i>Required?</i>	<i>Date</i>	<i>Public Comment</i>
Possibly (Note 1)	14-Sep-05	Yes	Completed	14-Sep-05		Completed	21-Jan-05		Possibly (Note 1)	17-Oct-06	Yes
			Yes	14-Sep-07	Yes	Yes	21-Jan-07	Yes			
			Yes	14-Sep-07	Yes	Yes	21-Jan-07	Yes			
			Possibly (Note 1)	14-Sep-08	Yes	Possibly (Note 1)	21-Jan-08	Yes			
			Yes	14-Sep-10	Yes	Yes	21-Jan-10	Yes			
No			Yes (Note 2)	30-Jan-06	Yes	No			No		
No			Possibly (Note 3)	29-May-06	No	No			No		
No						No			No		
No						No			No		
No			Yes	60 days after completion	Yes	No			No		
Completed	11-Nov-05		No			Completed	24-Apr-04		Completed	16-Dec-05	
Yes	12-Jan-06	No	No			Completed	16-Dec-05		Yes	14-Feb-06	No
Possibly (Note 2)	12-Jul-06	No	No			Possibly (Note 2)	16-Jun-05	No	Possibly (Note 2)	14-Aug-06	No
Yes	When complete	Yes	No			Yes	When complete	Yes	Yes	When complete	Yes

Exhibit II
Schedule of Public Involvement
Activities

Notes:

Lead Release Area

Note 1: Ram Status Report - RAM Status Report 3 will be due if RAM Completion Report is not filed by 19 October 2006.

NAPL Site

Note 1: Phase I Report and Tier Classification - Phase I Report and Tier Classification only required if Site is not linked with RTN 3-23513 before 17 May 2006.

Demolition Debris Area

Note 1: RAM Status Report - RAM Status Report 3 will be due if RAM Completion Report is not filed by 1 November 2006.

Western ACM Site

Note 1: Phase I Report and Tier Classification - Phase I Report and Tier Classification only required if Site is not linked with RTN 3-24105 before 14 September 2006.

Note 2: IRA Status Report 2 - IRA Status Report 2 will only be due if IRA Completion Statement is not submitted before 16 June 2006.

Manufacturing Building

Note 1: Phase IV - Phase IV only required if remedial actions are required.

Note 2: RAM Plan - RAM Plan will be required only if RAM is to be performed.

Note 3: RAM Status Report - RAM Status Report required only if RAM Completion Report is not submitted before 29 May 2006.

Release of Hydrocarbons to Neponset

Note 1: Phase IV - Phase IV only required if remedial actions are required.

Flood-related Release of Oil to Neponset River

Note 1: Phase I Report and Tier Classification - Phase I Report and Tier Classification only required if Site is not linked with RTN 3-23575 before 17 October 2006.

Note 2: IRA Status Report 2 - IRA Status Report 2 will only be due if IRA Completion Statement is not submitted before 14 August 2006.

* This Exhibit is accurate as of January 4, 2005. Updates of this exhibit will be periodically placed in the Information Repository at the Walpole Public Library, Reference Desk.

SECTION 6

**RESPONSIBILITY FOR IMPLEMENTING
THE PUBLIC INVOLVEMENT PLAN**

6. RESPONSIBILITY FOR IMPLEMENTING THE PUBLIC INVOLVEMENT PLAN

Baker Hughes Process Systems, Inc. has the responsibility for conducting both response actions and public involvement activities at the Sites. Baker Hughes Process Systems, Inc. has developed this PIP and is responsible for carrying out the activities listed in this Plan during the MCP process.

The contact designated by Baker Hughes Process Systems, Inc. is:

Mr. Clayton Curtis, Health Safety and Environment Manager
Baker Hughes Incorporated
3900 Essex Lane
Houston, Texas 77027-5177
(713) 439-8329

The Licensed Site Professional for the Sites and the PIP is:

Mr. Arthur J. Cunningham, P.E., Licensed Site Professional
Weston Solutions, Inc.
1 Wall Street
Manchester, NH 03101
(603)656-5437

SECTION 7

REVISIONS TO THIS PLAN

7. REVISIONS TO THIS PLAN

This Plan will be revised following close of the public comment period. The proposed date for issuance of the Final Revised Plan is February 24, 2006.

The Plan may be subsequently revised as necessary during the course of the response action process. If revisions are proposed, Baker Hughes Process Systems, Inc. will place copies of any proposed changes in the local information repository, and will send a notice of the availability of recommended changes to the mailing list. Baker Hughes Process Systems, Inc. will hold a 20-day public comment period on the proposed revised Plan. Baker Hughes Process Systems, Inc. will review any comments received and revise the Plan as appropriate. The Final Revised Plan will be placed in the information repository.

MassDEP has proposed revisions to the MCP, including revisions to the Public Involvement process (310 CMR 40.1400). When these revisions become effective (anticipated to occur in May 2006), this Plan will be revised as necessary in order to comply with the revised MCP. Revisions will be proposed using the procedure outlined above.

APPENDIX A

DRAFT PUBLIC INVOLVEMENT PLAN MAILING LIST

**Mailing List for Public Involvement Plan
Former Bird Machine Company Site
100 Neponset Street
South Walpole, Massachusetts**

<u>Name</u>	<u>Address and Telephone Number</u>
MassDEP - Northeast Regional Office Bureau of Waste Site Cleanup	205 Lowell Street, Wilmington, MA 01887-2941 (978) 694-3200
Mr. Michael Boynton Walpole Town Administrator	135 School Street, Walpole, MA 02081 (508) 660-7289
Ms. Robin Chapell Walpole Board of Health	135 School Street, Walpole, MA 02081 (508) 660-7321
Ms. Landis Hershey Walpole Conservation Commission Agent	135 School Street, Walpole, MA 02081 (508) 660-7268
Mr. Michael McCue Economic Development and Grants Officer Town of Walpole	135 School Street, Walpole, MA 02081 (508) 660-7352
Ms. Deborah Burke Key Petitioner	3 Beechwood Drive, PO Box 59 South Walpole, MA 02071-1013 (508) 668-8766
Mr. Patrick Manzo	3 Harrison Avenue South Walpole, MA 02071-1116 (508) 660-2698
Mr. John Zitoli	80 Summer Street South Walpole, MA 02071-1053 (508) 668-8438
Ms. Kathleen Fitzpatrick	3 Shufelt Road, South Walpole, MA 02071-1050 (508) 660-3933
Mr. Richard Mazzocca	50 Shufelt Road, South Walpole, MA 02071-1000 (508) 668-2863

Ms. Sheila O'Shea

6 Shufelt Road, South Walpole, MA 02071-1051
(508) 668-0601

Mr. Bernard Goba

1871 Washington Street
South Walpole, MA 02071-1029
(508) 668-6551

Ms. Cheryl Ivatts

70 Shufelt Road, South Walpole, MA 02071-1000
(508) 668-4238

Ms. Rachel Meegan

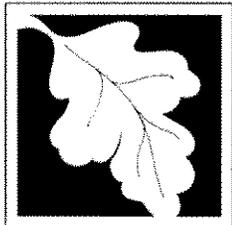
2 Shufelt Road, South Walpole, MA 02071-1051
(508) 668-3609

Ms. Joanne Muti

7 Notch Road, South Walpole, MA 02081-1003
(508) 668-9982

APPENDIX B

**THE MASSACHUSETTS WASTE SITE CLEANUP PROGRAM –
THE BASICS FACT SHEET**



Massachusetts
Department
of
ENVIRONMENTAL
PROTECTION

fact sheet

MASSACHUSETTS' APPROACH TO WASTE SITE CLEANUP: CHAPTER 21E AND THE MASSACHUSETTS CONTINGENCY PLAN

Assessing and cleaning up contamination are important components of Massachusetts' strategy to provide its citizens with a clean and safe environment. The Department of Environmental Protection's (DEP's) Waste Site Cleanup Program was established to ensure that contamination is dealt with appropriately and quickly.

Who regulates the cleanup of contaminated properties?

Massachusetts General Law Chapter 21E tasks DEP with ensuring the permanent cleanup of contamination. DEP implements this law through a set of regulations known as the Massachusetts Contingency Plan (MCP). The MCP lays out the state's rules for cleaning up contaminated properties.

Who is responsible for the cleanup?

Chapter 21E describes the legal obligations of property owners and other potentially responsible parties (PRPs) when contamination is found. These responsibilities include notifying DEP of the contamination and then ensuring that the contamination is assessed and cleaned up. In addition to current and past property owners, PRPs may include those who generate or transport contaminated materials, and anyone else who may have caused or contributed to the problem. The law also creates an "end to liability" for eligible PRPs once a cleanup is complete. To be eligible, the PRP must be an "innocent owner or operator" (which means that he or she did not own or operate the property when the contamination came to be located there). Once the contamination on the property is cleaned up, an eligible person will not be subject to state claims for reimbursement for cleanup costs and natural resource damages, or to third party claims for costs and property damage. This liability protection extends to future property owners who maintain the property's clean status or any on-going cleanup remedy.

If the PRP does not qualify for the "end to liability" status, he or she may still qualify for liability relief under a "Brownfields Covenant Not To Sue." This is an agreement between the PRP and the state that the PRP will have liability relief from state and third party claims. To be eligible, the project must contribute to the economic or physical revitalization of the community in which the property is located.

Who performs the cleanup?

DEP relies on Licensed Site Professionals (LSPs) to oversee the cleanup of most contaminated properties. An LSP is an environmental scientist or engineer experienced in cleaning up oil and hazardous material contamination. LSPs are licensed by the state Board of Registration of Hazardous Waste Site Cleanup Professionals (usually referred to as the LSP Board), based on education, experience, and passing an examination on applicable regulations and technical issues. To remain licensed, LSPs must meet professional standards established by the LSP Board. The LSP Board disciplines LSPs whose work does not meet the appropriate standards of care.

LSPs are hired by property owners and other PRPs to oversee assessment and cleanup of contamination, and to ensure that these actions are performed in compliance with the MCP. An LSP gathers and evaluates information about the contamination. He or she then recommends a course of action for meeting state cleanup requirements. These recommendations are presented in the form of written Opinions, and are signed by both the PRP and the LSP before they are sent to DEP. Opinions usually do not require DEP approval, so work can begin promptly. Once the cleanup is complete, the LSP submits a final Opinion to DEP stating that the property has been cleaned up to DEP standards. Since LSPs oversee most of the state's contaminated properties, DEP can focus its limited resources where they are needed most: responding to emergencies; overseeing key stages of assessment and cleanup at specific sites, as conditions warrant; and ensuring compliance through audit activities.

What does the MCP require once contamination is found?

First, it must be determined whether DEP must be notified. The MCP clearly identifies specific thresholds and time frames for **notification** for sudden spills, historical releases, imminent hazards, and threats of release. If one of these thresholds is exceeded, then DEP must be informed of the contamination.

Next, the MCP encourages, and in some situations requires, that **early risk reduction measures** be performed. These actions may involve a complete, accelerated cleanup of a small release, or a cleanup of a portion of a larger contaminated area where a longer-term cleanup is required. Risk reduction measures are intended to reduce risks, and to lower clean-up costs.

There are three types of early risk reduction measures. **Immediate Response Actions** are *required* when certain time-critical conditions are present, such as a sudden spill or an imminent hazard. **Release Abatement Measures** are optional and may be performed only if the

Massachusetts Department of
Environmental Protection
One Winter Street
Boston, MA 02108-4746

Commonwealth of Massachusetts
Mitt Romney, Governor
Kerry Healey, Lt. Governor

Executive Office of
Environmental Affairs
Ellen Roy Herzfelder, Secretary

Department of
Environmental Protection
Robert W. Gollodge, Jr.,
Commissioner

Produced by the
Bureau of Waste Site Cleanup,
April 2001/rev. May 2004.
Printed on recycled paper

This information is available in
alternate format by calling our ADA
Coordinator at
(617) 292-5565.



contamination is not time-critical. Releases Abatement Measures may be performed at any time during the cleanup. **Limited Removal Actions** are similar to Release Abatement Measures in that they are optional, and may not be performed if a release is time critical. However, Limited Removal Actions are performed *before* DEP is notified. Further, if the Limited Removal Action eliminates all of the contamination, DEP may not need to be notified at all.

If early risk reduction measures do not result in a complete cleanup of the contamination within one year of the date of notification, the contaminated property must be ranked and classified. An evaluation is performed using the **Numerical Ranking System (NRS)**. A score will be assigned to the site based on the risks that it poses to public health and environmental resources. The NRS score determines whether the contaminated property is classified as Tier I or Tier II. If classified as Tier I, a permit must be obtained from DEP before proceeding with a cleanup. *Tier I* sites are further classified as Tier IA, Tier IB, or Tier IC, depending on the complexity of the site conditions and the compliance history of the PRP. Cleanups at *Tier II* sites may proceed without a permit.

Cleanups follow a phased process. Reports are submitted to DEP at each phase to document the cleanup activities. During *Phase I*, a determination is made on whether notification and early risk reduction measures are required based on preliminary assessment data. A more comprehensive assessment is performed during *Phase II*, which defines the source, nature, extent, and potential impacts of the contamination, and characterizes the potential harm to health, safety, public welfare, and the environment. There are three options for characterizing risk. **Method 1** uses predetermined numeric standards for more than 100 common chemicals in soil and groundwater; **Method 2** allows for some adjustments in these standards to reflect some site-specific conditions; and **Method 3** defines the cleanup standards based on a site-specific risk assessment. If the results of Phase II indicate that cleanup is required, *Phase III* evaluates and selects the cleanup process. The determinations made during the Phase III result in a Remedial Action Plan (the site cleanup plan), which is implemented during *Phase IV*. Finally, *Phase V* is implemented when there is on-going operation of a treatment system, and maintenance or monitoring of the remedy.

How do I know when my property is cleaned up?

The standard used for deciding when a cleanup is complete is when a condition of **No Significant Risk** of harm to health, safety, public welfare, or the environment is achieved or demonstrated. When possible, the property should be restored to the conditions that would have existed if the property had never been contaminated. When a cleanup is complete, a **Response Action Outcome** Statement must be prepared and signed by both the LSP and PRP, and submitted to DEP.

Massachusetts Department of
Environmental Protection
One Winter Street
Boston, MA 02108-4746

Commonwealth of Massachusetts
Mitt Romney, Governor
Kerry Healey, Lt. Governor

Executive Office of
Environmental Affairs
Ellen Roy Herzfelder, Secretary

Department of
Environmental Protection
Robert W. Gollodge, Jr.,
Commissioner

Produced by the
Bureau of Waste Site Cleanup,
April 2001/rev. May 2004.
Printed on recycled paper

This information is available in
alternate format by calling our ADA
Coordinator at
(617) 292-5565.



The Response Action Outcome Statement must be submitted to DEP within five years of the date of the tier classification. The MCP provides several options for meeting this standard.

First, a **Permanent Solution** is achieved when a condition of No Significant Risk exists for all pollutants and for any foreseeable time and for all foreseeable activities.

Second, **Activity and Use Limitations** take into account current and future uses of the property. Activity and Use Limitations are deed restrictions or deed notices that may be implemented where a level of No Significant Risk may be maintained only if the property is limited to certain uses and activities. Activity and Use Limitations inform current and future owners (and other interest holders) which activities and uses are allowed, and which activities and uses will pose a risk unless additional cleanup actions are conducted.

Third, the MCP allows for **Temporary Solutions** when risks have been reduced, but financial or technical limitations prevent reaching a condition of No Significant Risk.

Finally, if a Permanent Solution is not possible, but a treatment system has been installed, a **Remedy Operation Status** may be obtained. This status can be maintained for as long as the treatment system is working to cleanup the site.

What else do I need to know about the 21E program?

Additional features of the 21E program are described below:

RAPS - In addition to specific performance standards for each element of the program, the MCP sets forth a general performance standard for conducting cleanups, which allows room for the LSP's professional judgment. This general performance standard is the Response Action Performance Standard (RAPS). It is the level of diligence necessary to ensure all cleanup actions are adequate to protect public health and the environment, apply current commonly accepted professional engineering and scientific standards and practices, and comply with the MCP.

Downgradient Property Status – In situations where a property is affected by contamination migrating from another property, meeting the requirements of the MCP may not be possible. Downgradient Property Status may be asserted by the PRP of the affected property in these circumstances. While a Downgradient Property Status is in effect, certain MCP deadlines and the assessment of annual compliance fees are suspended for the downgradient property owner.

Massachusetts Department of
Environmental Protection
One Winter Street
Boston, MA 02108-4746

Commonwealth of Massachusetts
Mitt Romney, Governor
Kerry Healey, Lt. Governor

Executive Office of
Environmental Affairs
Ellen Roy Herzfelder, Secretary

Department of
Environmental Protection
Robert W. Gollodge, Jr.,
Commissioner

Produced by the
Bureau of Waste Site Cleanup,
April 2001/rev. May 2004.
Printed on recycled paper

This information is available in
alternate format by calling our ADA
Coordinator at
(617) 292-5565.



Massachusetts Department of
Environmental Protection
One Winter Street
Boston, MA 02108-4746

Commonwealth of Massachusetts
Mitt Romney, Governor
Kerry Healey, Lt. Governor

Executive Office of
Environmental Affairs
Ellen Roy Herzfelder, Secretary

Department of
Environmental Protection
Robert W. Gollodge, Jr.,
Commissioner

Produced by the
Bureau of Waste Site Cleanup,
April 2001/rev. May 2004.
Printed on recycled paper

This information is available in
alternate format by calling our ADA
Coordinator at
(617) 292-5565.



Ensuring Compliance - To ensure that the state cleanup standards are being met, each year DEP is required to audit cleanup actions at a minimum of 20% of all sites that pay fees, and any site where an Activity and Use Limitation has been implemented. DEP may perform either random or targeted audits. In general, a random audit may be conducted by DEP at any time until two years after a Response Action Outcome is submitted, and a targeted audit until five years after an Response Action Outcome is submitted. However, DEP may perform an audit at any time of sites with Activity and Use Limitations or of sites that DEP believes significant problems may be present.

DEP may take enforcement actions for violations at any point during the audit process. If the audit goes beyond a document review, such as requesting information or conducting an inspection, DEP will provide reasonable **Notice of Audit**. In these cases, DEP will also issue a **Notice of Audit Findings** at the conclusion of the audit.

Public Information and Involvement – To be successful, cleanups must address the concerns of the communities in which they are located. Local officials, residents, businesses, environmental groups, and others need to be satisfied with a cleanup, since they will live and work with the results. The MCP encourages citizens to participate in the process of investigating and cleaning up contaminated properties, and requires the person performing the cleanup to provide specific opportunities to participate.

The MCP also requires that local officials be notified and notices be published in local newspapers to provide information about the status of the cleanup and opportunities for additional public involvement.

Fees - To ensure that the 21E program works as intended, DEP must have sufficient resources to review permit applications, to make timely determinations, and to perform audits. The MCP provides for specific permit and annual compliance fees to generate the funds for these activities.

FOR MORE INFORMATION

General information on 21E and the MCP

<http://mass.gov/dep/cleanup/>

Information on the LSP Program

LSP Board - (617) 574-6870

<http://www.mass.gov/lsp>

APPENDIX C

**LIST OF DOCUMENTS SENT TO WALPOLE
PUBLIC LIBRARY REPOSITORY, DECEMBER 2005**

List of Documents Sent to Walpole Library Repository December 2005

Active RTN Sites

Lead Release Area (RTN 3-23513)

- *Phase I Initial Site Investigation Report, Lead Release Area*, prepared by Weston Solutions, Inc., 13 January 2005.
- *Release Abatement Measure Plan, Lead Release Area*, prepared by Weston Solutions, Inc., 21 June 2005.
- *Release Abatement Measure Status Report, Lead Release Area*, prepared by Weston Solutions, Inc., 19 October 2005.

Demolition Debris Area (RTN 3-24105)

- *Preliminary Assessment Report, Landfill No. 2*, prepared by Balsam Environmental Consultants, Inc., 7 December 1989.
- *Assessment Report, Demolition Debris Area*, prepared by Balsam Environmental Consultants, Inc., 4 December 1990.
- *Phase I Initial Site Investigation, Demolition Debris Area*, prepared by Weston Solutions, Inc., 28 July 2005.
- *Release Abatement Measure Plan, Demolition Debris Area*, prepared by Weston Solutions, Inc., 14 June 2005.
- *Release Abatement Measure Status Report, Demolition Debris Area*, prepared by Weston Solutions, Inc., 1 November 2005.

Western ACM Site (RTN 3-25233)

- *Immediate Response Action Plan, Western ACM Site*, prepared by Weston Solutions, Inc., 11 November 2005.

NAPL Site (RTN 3-24883)

- *Immediate Response Action Completion Statement for Non-Aqueous Phase Liquid Site, Former Bird Machine Company*, prepared by Weston Solutions, Inc., 20 June 2005.

Manufacturing Building (RTN 3-24222)

- *Phase I Initial Site Investigation, Manufacturing Building Area*, prepared by Weston Solutions, Inc., 14 September 2005.

Neponset River (RTN 3-23575)

- *Phase I Initial Site Investigation Report, Release of Hydrocarbons to the Neponset River*, prepared by Weston Solutions, Inc., January 2005.
- *Immediate Response Action Plan, Release of Hydrocarbons to the Neponset River*, prepared by URS, 23 April 2004.
- *IRA Status Report, Release of Hydrocarbons to the Neponset River*, prepared by Weston Solutions, Inc., 16 December 2005.

Flood Release (RTN 3-25327)

- *Immediate Response Action Plan, Flood Release*, prepared by Weston Solutions, Inc., 13 December 2005.

Closed RTN Sites

Cart Path Area (RTN 3-02469)

- *Preliminary Assessment, Cart Path Area*, prepared by Balsam Environmental Consultants, Inc., 20 December 1989.
- *Supplemental Site Investigation, Landfill No. 1*, prepared by Balsam Environmental Consultants, Inc., 31 August 1990.
- *Supplemental Site Investigation, Cart Path Area*, prepared by Balsam Environmental Consultants, Inc., 21 December 1991.
- *MCP Waiver Application, Cart Path Area*, prepared by Balsam Environmental Consultants, Inc., 19 April 1991.

- *Comprehensive Site Assessment, Cart Path Area, Volume I of II*, prepared by Balsam Environmental Consultants, Inc., 5 May 1993.
- *Phase II Risk Assessment, Cart Path Area, Volume II of II*, prepared by Balsam Environmental Consultants, Inc., 5 May 1993.
- Appendix B (Soil and Waste Data), Appendix C (Soil Boring and Rock Coring Logs), Appendix D (Monitoring Well Completion Logs), Appendix E (Hydraulic Conductivity Test Results), and Appendix F (Laboratory Analytical Results) for Phase II Risk Assessment, Volume I, prepared by Balsam Environmental Consultants, Inc., 1991 and 1992.

Oil Spill Site (RTN 3-03310)

- Waiver Application Form, prepared by Balsam Environmental Consultants, Inc., 21 December 1989.
- *Phase I Limited Site Investigation*, prepared by Balsam Environmental Consultants, Inc., 27 February 1990.
- *Phase II Comprehensive Site Assessment, No. 6 Fuel Oil Spill, Volume I of II*, prepared by Balsam Environmental Consultants, Inc., 26 June 1991.
- *Phase II Comprehensive Site Assessment, No. 6 Fuel Oil Spill, Volume II of II*, prepared by Balsam Environmental Consultants, Inc., 26 June 1991.

Reclamation Area (RTN 3-17485)

- *Immediate Response Action Plan, Reclamation Area*, prepared by Paragon, 22 December 1998.
- *Immediate Response Action Status Report, Reclamation Area*, prepared by Paragon, 25 August 1999.
- *Phase I Initial Site Investigation, Reclamation Area*, prepared by Paragon, 2 November 1999.
- *Immediate Response Action Status Report, Reclamation Area*, prepared by URS, August 2001.
- *Immediate Response Action Completion Report and Response Action Outcome Statement, Reclamation Area*, prepared by URS, 22 February 2002.

Outfall 2 (RTN 3-22935)

- *Immediate Response Action Plan, Outfall 2*, prepared by URS, 14 August 2003.
- *Immediate Response Action Status Report, Outfall 2*, prepared by URS, 16 October 2003.
- *Immediate Response Action Completion Report and Response Action Outcome Statement, Outfall 2*, prepared by URS, 7 April 2004.

General Reports

- *Site Assessment Report, Bird Machine Company*, prepared by Goldberg-Zoino & Associates, Inc., May 1985.
- *Site Assessment of Bird Manufacturing Plant*, prepared by ENSR Consulting and Engineering, May 1989.

Other Documents

- *Public Involvement Plan Interim Guidance for Waiver Sites*, prepared by Massachusetts Department of Environmental Protection, January 1991.