

**IMMEDIATE RESPONSE ACTION STATUS REPORT #1**  
**Release of #2 Heating Fuel Oil**  
**25 Patriot Circle**  
**Mobile Home Lot #22**  
**Plymouth, Massachusetts 02360**  
**MADEP Release Tracking Number 4-29708**

*For Submittal To:*

**Massachusetts Department of Environmental Protection**  
Southeast Regional Office  
Bureau of Waste Site Cleanup  
20 Riverside Drive  
Lakeville, Massachusetts 02347

*Prepared For and For Submittal to MADEP By:*

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*Prepared By:*

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CJW Project #6161  
June 2023

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**1.0 INTRODUCTION**

Cushing, Jammallo & Wheeler, Inc. (CJW) is submitting this Immediate Response Action (IRA) Status Report #1 prepared in accordance with the Massachusetts Contingency Plan (MCP) [(310 CMR 40.0425(1))]. The report pertains to Release Tracking Number (RTN) 4-29708 which, according to the Massachusetts Department of Environmental Protection's (MADEP) Notice of Responsibility (NOR) letter, dated March 7, 2023, is associated with "a sudden release of approximately 150 gallons of #2 fuel oil, at 25 Patriot Circle, Unit22. The release from a leaking 275-gallon Aboveground Storage Tank (AST) located outside of the dwelling. The release impacted surrounding soil". The "site" is the Mayflower Hills Mobile Home Park located at 25 Patriot Circle in Plymouth, MA. The AST was located adjacent to the mobile home located on Lot #22.

This report was prepared by CJW on behalf of the Mayflower Hills MHP, LLC, as a potentially responsible party (PRP) associated with this release, for submittal to the MADEP. Mr. Austin Berk of Mayflower Hill MHP, LLC, authorized the preparation of this document.

The Licensed Site Professional (LSP) associated with this project is Mr. Joseph M. Jammallo, License Number 2259.

**2.0 MADEP FORMS AND ORGANIZATIONAL INFORMATION**

**2.1 Bureau of Waste Site Cleanup (BWSC) Forms**

BWSC Form 103, entitled "Release Notification & Notification Retraction Form" was previously submitted to MADEP via eDEP.

BWSC Form 105, entitled "Immediate Response Action (IRA) Transmittal Form is being submitted to MADEP concurrently with this document via eDEP.

**2.2 Person/Entity Submitting IRA Plan**

Name of PRP Organization: Mayflower Hills MHP, LLC

Address of  
Organization: 10221 River Road  
Suite 59831  
Potomac, Maryland 20859

Contact Person(s): Austin Berk, CEO (Tel. 202-838-6471)  
or Wendy Milenkevich, Regional Manager (Tel. 813-500-8475)

### **2.3 MADEP Release Tracking Number/Site Address**

Release Tracking Number Relevant to this filing: 4-29708

Address of Release: 25 Patriot Circle, Mobile Home Lot #22  
Plymouth, Massachusetts 02360

## **3.0 SITE LOCATION AND DESCRIPTION OF RELEASE**

### **3.1 Site Location**

A Locus Map of the site is included as Figure 1. Figure 2 is Site Plan which presents an aerial view of the site and the immediately surrounding area. Figure 3 is a MADEP Phase I Site Assessment Maps obtained from Massachusetts Geographical Information System (Mass GIS). Figure 4, Site Plan, depicts:

- Location of the mobile home and former AST located on Lot #22;
- Area of soil excavation;
- Soil sampling locations; and
- Others features.

### **3.2 Description of Site and Surrounding Area**

The site is located in the Mayflower Hills mobile home park in Plymouth, MA. The latitude and longitude coordinates of the site are approximately 41°55'11.97"N, 70°34'32.78"W, respectively. The Universal Transverse Mercator (UTM) coordinates of the site are Zone 19T, 369330.41mE by 4642095.65mN. The site is situated at approximate elevation of approximately 50 feet above mean sea level (MSL).

According to the MADEP Phase I Site Assessment Map provided in Figure 3, the Disposal Site is located within a Potential Drinking Water Source Area as described in Section 4.0, specifically a High Yield Aquifer as well as an area designated as an EPA Sole Source Aquifer. The closest surface water body is Bartlett Pond which over ½ mile northeast of the site. CJW is not aware of private drinking water supply wells within 500 feet of the disposal site.

Mayflower Hills Mobile Home Park consists of numerous mobile homes. The bottom of the mobile home located on Lot #22 is structured such that it is not in direct contact with the ground surface; rather it is raised above the ground surface approximately 1.5 to 2 feet.

### **3.3 Description of Release and MADEP Approvals**

According to information provided by MADEP's Release Log Form (BWSC 101 in Appendix A), a sudden release of approximately 150 gallons of #2 Heating Fuel at Trailer Unit 22 resulted from the exterior AST likely due to tank corrosion. The AST was located immediately adjacent to the western side of mobile home. Fuel oil was reportedly released from the leaking tank to the earthen surface in the immediate vicinity of the AST and mobile home on Lot #22. The release was reported to MADEP by CJW on February 9, 2023.

The leaking AST was removed. The former AST was situated on a concrete pad. The concrete pad was broken up and removed to facilitate assessment.

Based on a telephone conversation that Mr. Jammallo of CJW had with Mr. Robert Murphy of MADEP on February 9, 2023 and MADEP's Release Log Form (BWSC 101 in Appendix A), MADEP provided the following IRA activities:

- Application of absorbent materials;
- Removal of up to 100 cubic yards of contaminated soils; and
- Assessment of the release.

### **4.0 APPROPRIATE MCP RISK CHARACTERIZATION CATEGORIES FOR SOIL AND GROUNDWATER**

The MCP establishes categories of groundwater and soil for use in the characterization of risk posed by contamination at a site. When considering the use of Method 1 and Method 2 risk characterizations, it is necessary to categorize these media. When Method 3 is used to characterize risk, the groundwater categories are used to identify applicable or suitably analogous standards.

The MCP identifies three types of applicable groundwater categories: GW-1, GW-2, and GW-3. One or more groundwater categories may apply at a given site. Groundwater category GW-1 is defined as a Current Drinking Water Source Area or a Potential Drinking Water Source Area as defined below:

A Current Drinking Water Source Area is defined as groundwater located:

- within a Zone II of a public water supply;
- within an Interim Wellhead Protection Area (IWPA) of a public water supply;
- within the Zone A of a Class A surface water body used for a public water supply; or
- within 500 feet of a private drinking water supply well.

A Potential Drinking Water Source Area is defined as groundwater located:

- within 500 feet or more from a public water system distribution pipeline; unless the groundwater is located under a parcel of land or a facility where any portion of that parcel of land or facility is located less than 500 feet from a public water supply distribution pipeline;
- within an area designated by a municipality specifically for the protection of groundwater quality to ensure its availability for use as a source of potable water supply; and
- within a Potentially Productive Aquifer (PPA) that has not been excluded as a Non-Potential Drinking Water Source Area (NPDWSA).

Groundwater is classified GW-2 when it is located within 30 feet of a planned or existing occupied building or structure, and the average annual depth to groundwater in the area is 15 feet or less. Groundwater in this category could serve as a source of volatile contaminants to indoor air.

Groundwater category GW-3 applies to all groundwater in the Commonwealth based upon discharge to surface water because it is deemed that all groundwater ultimately discharges to a surface water body.

Figure 3 shows that the site is located within a Potential Drinking Water Source Area, specifically a High Yield Aquifer. As such, groundwater category GW-1 applies to the site.

Groundwater category GW-2 conservatively applies to the site. The fuel oil that was released from the AST system impacted soil immediately adjacent to and beneath the mobile home on Lot #22. Although the depth to groundwater is currently unknown, it is assumed to be 15 feet or less. Since GW-3 applies to all groundwater in the Commonwealth, category GW-3 would apply to this site. Therefore, groundwater categories GW-1, GW-2 and GW-3; apply to this release.

The categorization of soils is based on the potential for exposure, considering both the current and reasonably foreseeable site activities and uses. There are three soil categories: S-1, S-2, and S-3. Category S-1 is associated with the highest potential for exposure, and category S-3 the lowest potential for

exposure. Several factors are considered when categorizing the soils at the site. These include the type of receptor present at a site, the frequency of use, the intensity of use, and the accessibility of the soil.

For risk characterization purposes, soils at the disposal site may be classified as S-1, S-2, and S-3. It is likely that one or more of these soil classifications exist for this site. Soil is classified as S-1 if either:

- The soil is “accessible” (zero to 3 feet and unpaved) and either the soil is currently used for growing fruits or vegetables for human consumption or it is reasonably foreseeable that the soil may be put to such use; or a child’s frequency or intensity of use is considered high and/or an adult’s frequency and intensity of use are both considered to be high; or
- The soil is “potentially accessible” (3 feet to 15 feet and unpaved or zero to 15 feet and paved) and a child’s frequency or intensity of use is considered to be high.

Soil is classified as S-2 if either:

- The soil is “accessible” and a child’s frequency and intensity of use are considered low or children are not present at the disposal site and either (but not both) the adult’s frequency or intensity of use is considered to be high; or
- The soil is “potentially accessible” and either (but not both) a child’s frequency or intensity of use is considered to be high or children are not present at the disposal site and an adult’s frequency and intensity of use are both considered to be high.

Soil is classified as S-3 if either:

- The soil is “accessible” and children are not present at the disposal site and an adult’s frequency and intensity of use are both considered low; or
- The soil is “potentially accessible” and a child’s frequency or intensity of use are both considered to be low; or a demonstration has been made that children are not present at the disposal site, and an adult’s frequency and intensity of use are both considered to be low; or
- The soil is isolated (greater than 15 feet or under the footprint of a building or permanent structure), regardless of any receptor’s frequency or intensity of use.

For this disposal site, the impacted soil is considered to be “accessible” or “potentially accessible soil” with children present at a “high frequency” since this is a residential community mobile home park. The intensity of use is considered to be high. Therefore, the applicable soil category is considered to be S-1. Ultimately, the soil category or categories are combined with the groundwater categories. Therefore, for this disposal site, the applicable Method 1 categories for soil are S-1/GW-1/GW-2/GW-3. These soil



categories would also apply when considering the potential applicability of an Activity and Use Limitation (AUL).

## **5.0 RESPONSE ACTIONS PERFORMED TO DATE**

### **5.1 Objectives of Response Actions**

The objectives of IRA response actions are to: 1) stabilize site conditions; 2) remove fuel oil-impacted soil to the extent practical and necessary; 3) evaluate the indoor air quality of the mobile home on Lot #22; and 4) assess site conditions during and at the completion of response activities to determine if further response actions are necessary.

### **5.2 Initial Site Observations and Assessment of Indoor Air**

On February 15, 2023, a CJW staff member visited the site. There was a noticeable odor of fuel oil in the immediate vicinity of the release. Further, there were visual indications of the release such as stained surface soil including an area beneath the trailer. The homeowners stated that the fuel oil odors were prevalent within the mobile home and, as such, CJW screened indoor air. Upon entering the mobile home on Lot #22, no fuel oil odor was detected. CJW utilized a calibrated portable photoionization detect (PID) equipped with a 10.6 electron volt (eV) lamp to screen the indoor air for organic vapors. Initially, the PID readings measured 0.0 parts per million by volume (ppmv). However, placing the intake of the PID immediately adjacent to an air register resulted in a reading of 4.0 ppmv. There was a slight odor of the air exiting the register but it could not be determined if it was a petroleum odor. This potentially indicates that the external air intake of the heating system for this mobile home is located proximate to fuel oil release area and, as such, it is likely that the heating system is drawing fuel oil vapors into the mobile home.

### **5.3 Impacted Soil Assessment**

On February 15, 2023, CJW met a representative of New England Disposal Technologies, Inc. (NEDT) of Sutton, MA at the site to assess the current conditions. Also present during the day was Mr. Robert Murphy of MADEP.

NEDT, under the observation of CJW, began excavating soil within the visually impacted area of the release to assess vertical and horizontal impacts to soil. The resulting excavation to a depth of approximately 7 feet deep below grade (bg) was labeled TP-1 (see Figure 4). Further soil removal was not performed due to the proximity of the excavation to the existing storage shed and mobile trailer home and access limitations beneath the mobile home.

CJW collected a total of four composite soil samples throughout the course of the excavation, until

completed. Samples were collected from the base/bottom of the excavation at depths of approximately 2 feet, 3.5 feet, 5 feet and 7 feet below grade. The composite samples were field screened for organic vapors with a PID. The screening results revealed the following PID Readings:

- 2 feet bg: 348 ppmv;
- 3.5 feet bg: 297 ppmv;
- 5 feet bg: 173 ppmv; and
- 7 feet bg: 4.3 ppmv.

## **6.0 IMMINENT HAZARD EVALUATION**

Under the MCP, an Imminent Hazard (IH) is defined as a hazard that would pose a significant risk of harm to health, safety, public welfare or the environment if it were present for even a short period of time.

CJW concludes that IH conditions were not and are not currently present at the site.

## **7.0 CRITICAL EXPOSURE PATHWAY EVALUATION**

Critical Exposure Pathways (CEP), as defined in 310 CMR 40.0006, “means those routes by which oil and/or hazardous materials (OHM) released at a disposal site are transported, or are likely to be transported, to human receptors via:

- Vapor phase emissions of measurable concentrations of OHM into the living or working space of a pre-school, daycare, school or occupied residential dwelling; or
- Ingestion, dermal absorption or inhalation of measurable concentrations of OHM from drinking water supply wells located at and servicing a pre-school, daycare, school or occupied residential dwelling.

Although organic vapors, assumed to be associated with the fuel oil release, may have been identified in the indoor air of the mobile home with a PID, they are not considered to be associated with the migration of fuel oil vapors directly from the vadose zone to the indoor air of the mobile home. Rather, these vapors are considered to be associated with the forced air HVAC system for this mobile home. The mobile home is not in direct contact with the ground surface. Fuel oil vapors may enter the mobile home due to the fact that the makeup air external intake for the mobile home’s heating system may be located in the vicinity the initial release and, as such, external air impacted with fuel oil vapors emanating from the impacted ground surface rather than fresh, non-impacted external air is introduced into the mobile home when the heating system is in operation.

## **8.0 SUBSTANTIAL RELEASE MIGRATION EVALUATION**

Under the MCP, a Substantial Release Migration (SRM) is defined as the presence of one or more of the following conditions at a disposal site:

- Releases that have resulted in the discharge of separate-phase oil and/or separate-phase hazardous material to surface waters, buildings, underground utilities or conduits;
- Releases to the ground surface or vadose zone that, if not promptly removed or contained, are likely to significantly impact the underlying groundwater, or significantly exacerbate an existing condition of groundwater pollution;
- Releases to groundwater that have migrated or area expected to migrate more than 200 feet per year;
- Releases to the groundwater that have been or are within one year likely to be detected in a public or private drinking water well;
- Releases to the groundwater that have been or are within one year likely to be detected in a surface water body, wetland, or public water supply reservoir; or
- Releases to the groundwater or to the vadose zone that have resulted in or have the potential to result in the discharge of vapors into a School, Daycare or Child Care Center or occupied residential dwelling.

Considering the information presented herein, an SRM condition does not currently exist. Although organic vapors, assumed to be associated with the fuel oil release, may be emitted from the impacted ground surface and enter the mobile home via the heating system as discussed in Section 7.0

## **9.0 PROPOSED ADDITIONAL IMMEDIATE RESPONSE ACTIONS**

### **9.1 Tasks**

Proposed response actions under the IRA include the removal and disposal/recycling of additional fuel oil impacted soil, sampling and testing of soil for fuel oil constituents, and sampling and testing the indoor air of the mobile home on Lot #22.

Mayflower Hills MHP, LLC evaluated the options<sup>1</sup> to facilitate the removal of additional impacted soil beneath the mobile home and more recently determined that moving the mobile home from its present location was the preferred option. I took some time for them to located a company which would perform that work but were finally successful. As such, work is underway to coordinate moving the mobile home

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<sup>1</sup> As discussed in the IRA Plan, the options were: 1) structurally support the mobile home or 2) moved to another location.

and mobilizing equipment to the site for the excavation of impacted soil.

Upon removal of impacted soil, confirmation soil samples will be collected and submitted to a laboratory for analysis of EPH carbon fractions and PAH target analytes in accordance with MADEP methodology and VPH carbon fractions and associated target analytes in accordance with MADEP methodology.

The IRA Plan discussed the collection of an indoor air sample from the mobile home at Lot 22. This task assumed that the mobile home would be left in-place during the removal of impacted soil. Since the mobile home is to be moved, the need for indoor air sampling once the impacted soil is removed and the mobile home is moved back into place will be reviewed. If such sampling is performed, two Summa canisters will be set in place, one within the mobile home and one directly exterior to the mobile home. The exterior sample will be used to characterize background air quality. Each Summa canister will be allowed to collect air samples over a 24-hour period. After that time, CJW will collect the Summa canisters and submit them to a laboratory for testing of Air Phase Hydrocarbons (APH).

Groundwater quality will be evaluated via the installation of monitoring wells and sampling and analysis of groundwater samples should there be indications of groundwater impacts.

### **9.2 Proposed Schedule**

Removal of impacted soil and assessment of site conditions are now scheduled for June/July2023..

### **9.3 Environmental Monitoring**

No environmental monitoring, other than the sampling and testing described herein, is considered necessary for the work under the IRA.

## **10.0 CONCLUSIONS AND LSP OPINION**

It is the opinion of the CJW that this IRA Plan conforms to the requirements of 310 CMR 40.0424.

## **11.0 LIMITATIONS**

The substance, content, and findings of documents and/or other deliverables made herein, including but not limited to reports, data, memorandums, and facsimiles are for the sole use of Mayflower Hills MHP, LLC and distribution to the MADEP in accordance with the requirements of the MCP (310 CMR 40.0000). No reliance for the data or findings contained in these deliverables may be extended to any other party without the express written consent of CJW. Any unauthorized use or distribution of CJW's work shall be at the supplier's and recipient's sole risk and without liability to CJW.

This report presents conditions observed and encountered at the site on the days of CJW's site work only. CJW does not warrant or guarantee the accuracy, completeness, and/or current status of the information prepared by others. Such information is the product of independent investigation by parties other than CJW and/or information maintained by government agencies. Therefore, no representation concerning agency records or work performed by others is expressed or implied. The scope of this project did not include determining the current compliance status of the site with regard to all environmental regulations and/or permitting requirements.

Any comments in the report regarding compliance with environmental regulations are provided for informational purposes only, and should not be considered a thorough review of all environmental regulatory requirements. Conclusions, recommendations, and/or opinions in this report are based on field observations; completed remedial measures; sampling and laboratory testing results; and applicable state regulations. Any qualitative or quantitative information regarding the site, which was not available to CJW at the time of this assessment, may result in a modification of the representations made in this report.

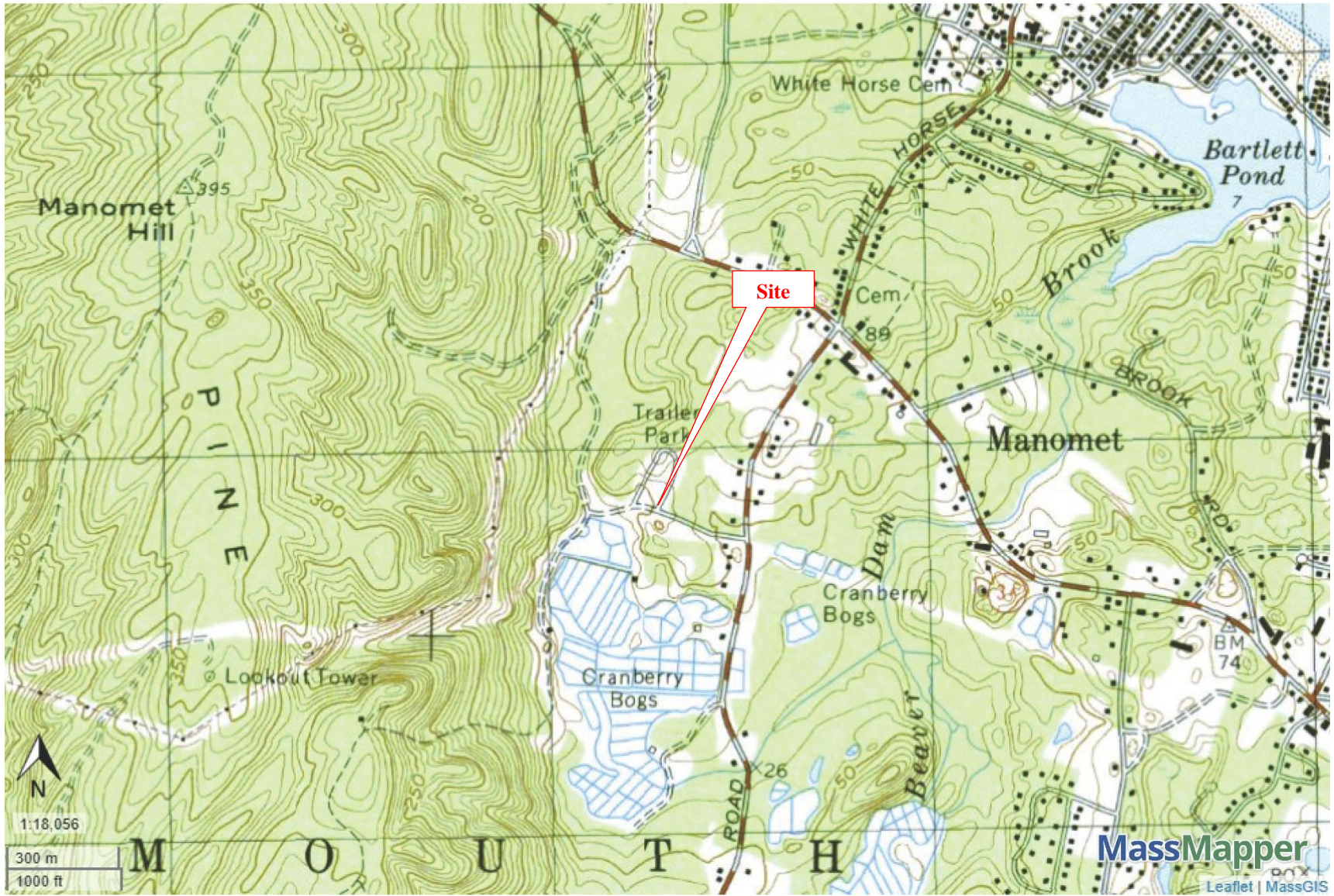
## **12.0 REFERENCES**

Massachusetts Contingency Plan, 310 CMR 40.0000.

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***FIGURES***

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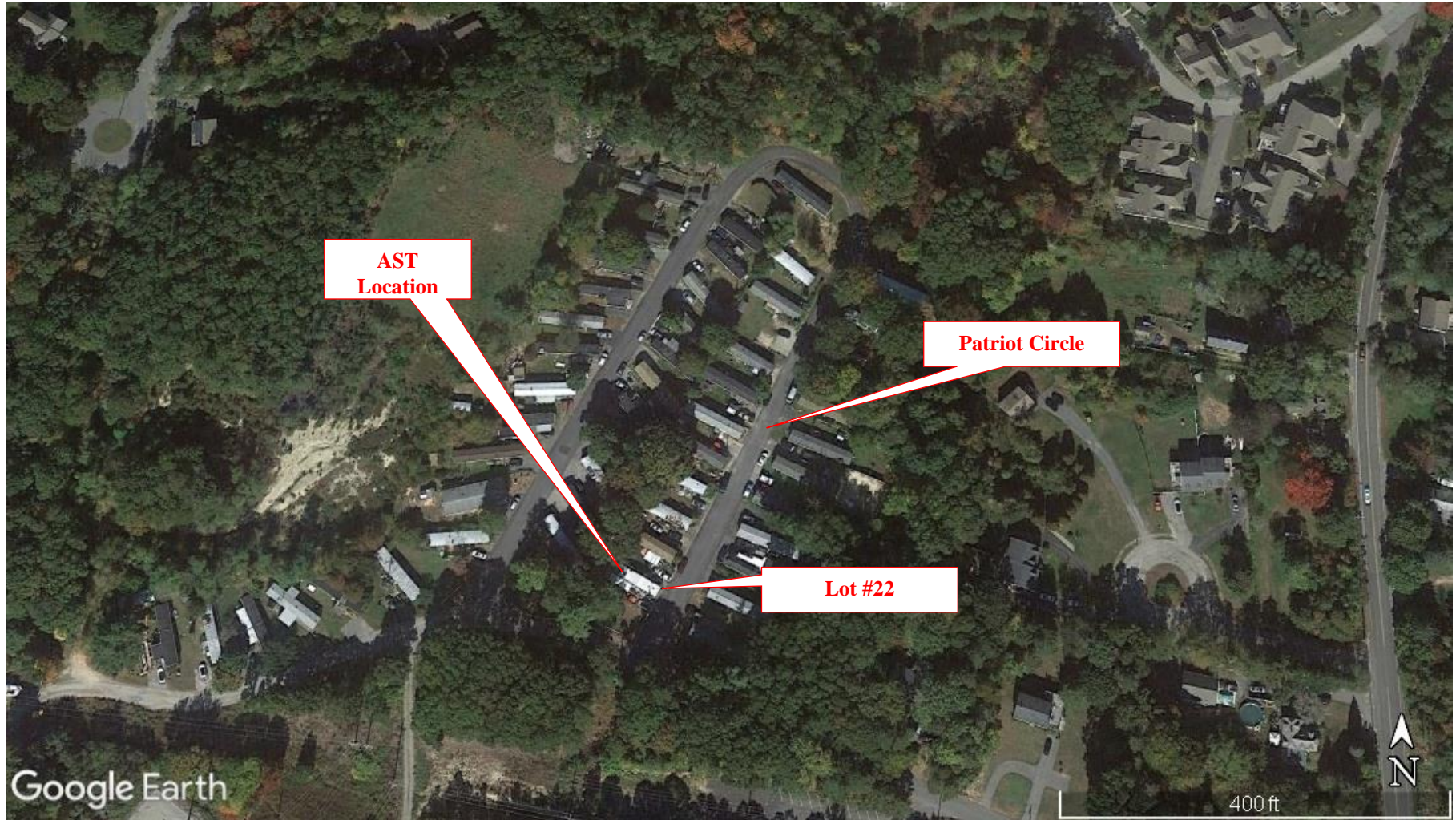
**CUSHING, JAMMALO &  
WHEELER, INC.**

**Locus Map**  
25 Patriot Circle, Lot 22  
Plymouth, Massachusetts  
Source: MassGIS March 2023



**FIGURE 1**

#6161



**CUSHING, JAMMALLO &  
WHEELER, INC.**

**Aerial View of Subject Site**  
25 Patriot Circle, Lot 22  
Plymouth, Massachusetts



**FIGURE 2**

Source: Google Earth 10/23/21

#6161



# MassDEP - Bureau of Waste Site Cleanup

## Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

### Site Information:

FIGURE 3  
25 PATRIOT CIRCLE PLYMOUTH, MA  
4-000029708

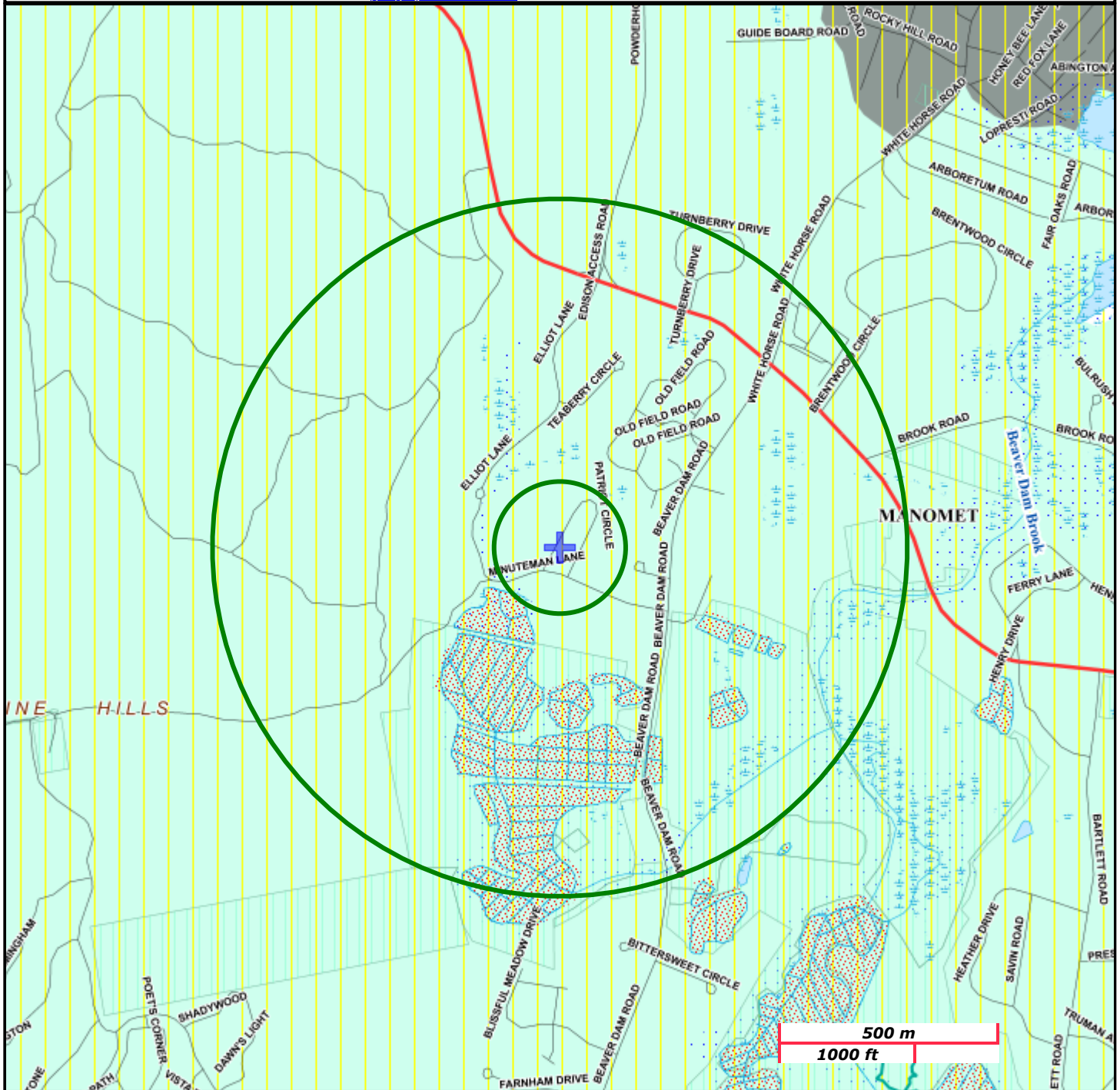
NAD83 UTM Meters:  
4642130mN , 369327mE (Zone: 19)  
February 13, 2023

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at:  
<https://www.mass.gov/orgs/massgis-bureau-of-geographic-information>.



# MassDEP

Commonwealth of Massachusetts  
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail	PWS Protection Areas: Zone II, IWPA, Zone A		
Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct	Hydrography: Open Water, PWS Reservoir, Tidal Flat		
Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam	Wetlands: Freshwater, Saltwater, Cranberry Bog		
Aquifers: Medium Yield, High Yield, EPA Sole Source	FEMA 100yr Floodplain; Protected Open Space; ACEC		
Non Potential Drinking Water Source Area: Medium, High (Yield)	NHESP Pri-Hab of Rare Species; Vernal Pool: Cert., Potential		
	Solid Waste Landfill; PWS: Com. GW, SW, Emerg., Non-Com.		

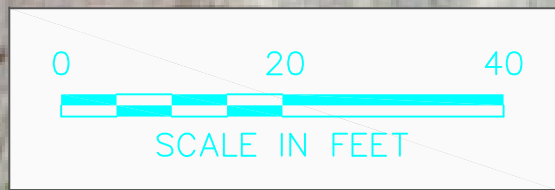


*LEGEND*

 *APPROXIMATE LIMITS OF TEST PIT ACTIVITIES*

*Approximate Location of Test Pit and Failed AST*

*25 Patriot Circle  
Lot #23*



<b>CUSHING, JAMMALLO &amp; WHEELER INC.</b>	Site Plan	
	Site Plan 25 Patriot Circle, Lot #22 Plymouth, Massachusetts	
FIGURE 4		
April 2023	JN: 6161	SOURCE: GOOGLE EARTH IMAGE

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***APPENDIX A***

***MADEP Documentation***

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RELEASE LOG FORM

Release Tracking Number

4 - 29708

A. THIS FORM IS BEING USED TO: (check one)

- 1. Log Date: 2/9/2023 Log Time: 02:55 AM PM
2. Assign a Release Tracking Number (RTN) to a Release or TOR Report.
a. Reportable Release or TOR. b. Release that is Less Than the Reporting Thresholds.
3. Amend a Previously Recorded Release or TOR Report (RTN Assigned).
a. The Release is a Reportable Release or TOR. b. The Release is a Release that is Less Than the Reporting Thresholds.
c. The Release or TOR is Retracted. d. The Release or TOR is not a Release under M.G.L. c. 21E.

B. REPORTING PERSON:

- 1. Name of Organization: CUSHING, JAMMALLO & WHEELER, INC.
2. First Name: JOE 3. Last Name: JAMMALLO
4. Telephone: 7812546885 5. Ext.:
6. Relationship of Person to Release: PRP Other c. Type, if known (e.g. Current Owner): Licensed Site Professional

C. RELEASE OR THREAT OF RELEASE (TOR) /SITE LOCATION:

- 1. Location Aid/Site Name: TRAILER PARK
2. Street Address: 25 PATRIOT CIRCLE 3. 2nd Address Line: LOT 22
4. City/Town: PLYMOUTH, PLYMOUTH 5. Zip Code (if known): 023600000
6. Type of Location: (check all that apply) a. School b. Water Body c. Right of Way d. Utility Easement
e. Roadway f. Municipal g. State h. Residential i. Open Space j. Private Property
k. Industrial l. Commercial m. Federal n. Other Describe:

D. RELEASE OR TOR INFORMATION:

- 1. Date and Time of Notification: 2/9/2023 Time: 02:55 AM PM
2. Date and Time Reporting Person obtained Knowledge of Release or TOR: 2/9/2023 Time: 01:15 AM PM
3. Date and Time Release or TOR occurred, if known: Time: AM PM
4. Sources of the Release or TOR: (check all that apply) a. Transformer b. Fuel Tank c. Pipe
d. OHM Delivery e. AST f. Drums g. Tanker Truck h. Hose i. Line
j. UST Describe k. Vehicle l. Boat/Vessel
m. Unknown n. Other:
5. Federal LUST Eligible: Yes No Unknown



**RELEASE LOG FORM**

Release Tracking Number

4 - 29708

Check all Notification Thresholds that apply to the Release or TOR:

**6. 2 Hour Reporting Conditions:**

- a. Sudden Release
- b. Threat of Sudden Release
- c. Oil Sheen on Surface Water
- d. Poses Imminent Hazard
- e. Could Pose Imminent Hazard
- f. Release Detected in Private Well
- g. Release to Storm Drain
- h. Sanitary Sewer Release (Imminent Hazard Only)

**7. 72 Hour Reporting Conditions:**

- a. Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch
- b. Underground Storage Tank (UST) Release
- c. Threat of UST Release
- d. Release to Groundwater near Water Supply
- e. Release to Groundwater near School or Residence
- f. Substantial Release Migration

**8. 120 Day Reporting Conditions:**

- a. Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)
- b. Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards
- c. Release of Oil to Groundwater Exceeding Reportable Concentration(s)
- d. Subsurface Non-Aqueous Phase Liquid(NAPL) Equal to or Greater than 1/8 Inch and Less than 1/2 Inch

**9. Type of Release or TOR:** (check all that apply)

- a. Dumping
- b. Fire
- c. AST Removal
- d. Overfill
- e. rupture
- f. Vehicle Accident
- g. Leak
- h. Spill
- i. Test Failure
- j. TOR Only
- k. UST Removal Describe \_\_\_\_\_
- l. Unknown
- m. Other: \_\_\_\_\_

**10. Media Impacted and Receptors Affected:** (check all that apply)

- a. Paved Surface
- b. Basement
- c. School
- d. Public Water Supply
- e. Surface Water
- f. Zone 2
- g. Private Well
- h. Residence
- i. Soil
- j. Ground Water
- k. Sediments
- l. Wetland
- m. Storm Drain
- n. Indoor Air
- o. Air
- p. Soil Gas
- q. Sub-Slab Soil Gas
- r. Critical Exposure Pathway
- s. NAPL
- t. Unknown
- u. Others Specify: \_\_\_\_\_

**11. List below the Oils (O) or Hazardous Materials (HM) that exceed their Reportable Concentration (RC) or Reportable Quantity (RQ) by the greatest amount.**

Check here if an amount or concentration is unknown or less than detectable.

O or HM Released	CAS Number, if known	O or HM	Amount or Concentration	Units	RCs Exceeded, if Applicable
#2 HEATING FUEL		O	150	GAL	N/A
					N/A
					N/A



**RELEASE LOG FORM**

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**12. Description of Release or Threat of Release (if additional space is needed, attach additional information in H17)**

CUSHING, JAMMALLO & WHEELER, INC. PERSONNEL NOTIFIED MASSDEP OF A SUDDEN RELEASE OF APPROX. 150 GALLONS OF #2 HEATING FUEL AT TRAILER UNIT 22 IN THE MAYFLOWER MOBILE ESTATES TRAILER PARK. AN ABOVEGROUND STORAGE TANK (AST) LOCATED BEHIND THE TRAILER UNIT HAD LEAKED LIKELY AS A RESULT OF INTERNAL CORROSION. THE RELEASED #2 HEATING FUEL IMPACTED SURROUNDING SURFICIAL SOIL. ER PERSONNEL WILL INSPECT LOCATION.

PHONE COORDINATION WITH THE LSP-OF-RECORD RESULTED IN THE APPROVAL OF THE FOLLOWING RESPONSE ACTIONS UNDER AN IMMEDIATE RESPONSE ACTION (IRA) PLAN: 100 CU YDS SOIL REMOVAL, APPLICATION OF ABSORBENTS AND ASSESSMENT.

**E. INVOLVED PARTIES SUMMARY :**

1. PRP Status (check one):  a. PRP Unknown  b. PRP unwilling, unable or has not committed to Perform Response Actions

c. PRP Performing Response Actions  d. Release is Adequated Regulated by the US Coast Guard

2. If PRP is not Performing Response Actions, who is?

a. MassDEP State Contractor  b. Other Person

3. Contractor:	a. Name of Organization:	<u>NEDT</u>	b. Telephone:	<u>5082344440</u>
	c. Contact First Name:	<u>UNK</u>	d. Last Name:	<u>UNK</u>
4. LSP:	a. Name:	<u>JAMMALLO JOSEPH M</u>	b. LSP #:	<u>2259</u>
	c. Telephone:	<u>9783686320</u>		



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**F. PRP OR PERSON PERFORMING RESPONSE ACTIONS:**

1. Name of Organization: MAYFLOWER HILLS MHP, LLC

2. Contact First Name: WENDY 3. Last Name: MILENKEVICH

4. Street: 10221 RIVER ROAD, SUITE 59831 5. Title: REGIONAL MANAGER

6. City/Town: POTOMAC 7. State: MD 8. ZIP Code: 208590000

9. Telephone: 8135008475 10. Ext: \_\_\_\_\_ 11. Email: \_\_\_\_\_

12. Relationship of Person to Release:  PRP  Other c. Type (e.g. Current Owner): Current Owner

13. Check here if this PRP received a field NOR  14. Check here if an RNF was requested from this PRP

15. Check here if Provisions of 21E were explained to this PRP.

**G. RECORD ORAL RESPONSE ACTIVITIES:**

1. IRA Completed Pre-notification  5. IRA Oral Modified Plan Approved

2. No IRA Approved at Notification  6. IRA Oral Plan Denied and/or Request for Written Plan

3. IRA Assessment Only.  7. Notice of Intent to Conduct a URAM

4. IRA Oral Plan Approved  8. IRA-D Oral Plan Approved

9. IRA-D Oversight Work Started

10. Date of Action: 2/9/2023

11. Soil Previously Excavated:  a. Excavated prior to notification.  b. Excavated as part of an UST closure.

c. Quantity of contaminated soil previously excavated and destination, if applicable:  
\_\_\_\_\_

12. Specify any Regional Specific Code (Regional Use): \_\_\_\_\_

**H. ORAL RESPONSE ACTION PLAN: (check all that apply)**

1. Assessment and/or Monitoring Only  2. Temporary Covers or Caps

3. Deployment of Absorbent or Containment Materials  4. Temporary Water Supplies

5. Structure Venting System  6. Temporary Evacuation or Relocation of Residents

7. Product or NAPL Recovery  8. Fencing and Sign Posting

9. Groundwater Treatment Systems  10. Soil Vapor Extraction

11. Bioremediation  12. Air Sparging

13. Excavation of Contaminated Soils

a. Re-use, Recycling or Treatment  i. On Site  ii. Off Site Authorized volume in cubic yards: 100

b. Store  i. On Site  ii. Off Site Authorized volume in cubic yards: \_\_\_\_\_

c. Landfill  i. Cover  ii. Disposal Authorized volume in cubic yards: \_\_\_\_\_



**RELEASE LOG FORM**

**BWSC 101**

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14. Removal of Drums, Tanks or Containers:

Describe Quantity and Amount: \_\_\_\_\_

15. Removal of Other Contaminated Media:

Specify Type and Volume: \_\_\_\_\_

16 Other Response Actions and Additional Comments (describe):

17. Check here if Additional Information is Provided in an Attachment

**I. DEP STAFF AND FORM PREPARER:**

1. DEP Staff: a. Name: MURPHY BOB  b. Check here, if Unassigned (or staff name not applicable).

2. Preparer : a. Name: MURPHY BOB  
b. Signature: ROBERT MURPHY c. Date: 2/14/2023