

# Request for Determination of Applicability

## Proposed Spray Park – Whalley Park

### Project Location:

42 Powder Mill Road  
Southwick, Massachusetts 01077  
(Parcel #090-014-000-000)

### Submitted to:

Town of Southwick Conservation Commission  
454 College Highway  
Southwick, Massachusetts 01077

### Applicant & Property Owner:

Town of Southwick  
454 College Highway  
Southwick, Massachusetts 01077

RLA Project File No. 230819

**May 1, 2024**

**R LEVESQUE ASSOCIATES, INC.**

**A LAND PLANNING SERVICES COMPANY**

40 School Street, Westfield, MA 01085

p 413.568.0985 · f 413.568.0986 · [www.rlaland.com](http://www.rlaland.com)



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APPENDIX A: SITE PLAN

## **I. COVER LETTER**

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# R LEVESQUE ASSOCIATES, INC.

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May 1, 2024

Mr. Christopher Pratt, Chairman  
Town of Southwick Conservation Commission  
454 College Highway  
Southwick, Massachusetts 01077

**RE: Request for Determination of Applicability – Proposed Spray Park  
42 Powder Mill Road  
Southwick, Massachusetts 01077  
(Parcel #: 090-014-000-000)  
RLA Project File No. 230819**

Dear Chairman Pratt and Commissioners:

On behalf of The Town of Southwick, please find the requisite number of copies of a Request for Determination of Applicability and associated filing plan for the above referenced property. The applicant proposes to spray park within the existing Whalley Park. All of the proposed work is outside of wetland resource areas and their associated buffers. This application has been filed for confirmatory purposes only.

As required, a copy of this Request for Determination of Applicability has been submitted electronically via email to the Town of Southwick Conservation Commission and through eDEP to the Massachusetts Department of Environmental Protection.

We are herein requesting to be placed on the Commission's next available agenda. Should you have any questions or comments regarding this filing, please do not hesitate to contact our office at your earliest convenience.

Sincerely,  
R LEVESQUE ASSOCIATES, INC.

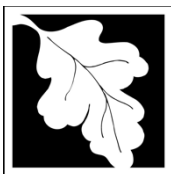
A handwritten signature in black ink that reads 'Nina Fazio'. The signature is written in a cursive, flowing style.

Nina Fazio  
Permitting Coordinator

## **2. ADMINISTRATIVE FORMS**

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### 2.1 WPA FORM 1 – REQUEST FOR DETERMINATION OF APPLICABILITY



**Massachusetts Department of Environmental Protection**  
Bureau of Water Resources - Wetlands

**WPA Form 1- Request for Determination of Applicability**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Municipality \_\_\_\_\_

**A. General Information**

**Important:**

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Address \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone Number \_\_\_\_\_ Email Address \_\_\_\_\_

2. Property Owner (if different from Applicant):

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Address \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone Number \_\_\_\_\_ Email Address (if known) \_\_\_\_\_

3. Representative (if any)

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Company Name \_\_\_\_\_

Address \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone Number \_\_\_\_\_ Email Address (if known) \_\_\_\_\_

**B. Project Description**

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

Street Address \_\_\_\_\_ City/Town \_\_\_\_\_

Latitude (Decimal Degrees Format with 5 digits after decimal e.g. XX.XXXXX) \_\_\_\_\_ Longitude (Decimal Degrees Format with 5 digits after decimal e.g. -XX.XXXXX) \_\_\_\_\_

Assessors' Map Number \_\_\_\_\_ Assessors' Lot/Parcel Number \_\_\_\_\_

b. Area Description (use additional paper, if necessary):

c. Plan and/or Map Reference(s): (use additional paper if necessary)

Title \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_ Date \_\_\_\_\_

[How to find Latitude and Longitude](#)

[and how to convert to decimal degrees](#)



**Massachusetts Department of Environmental Protection**

Bureau of Water Resources - Wetlands

**WPA Form 1- Request for Determination of Applicability**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

\_\_\_\_\_  
Municipality

**B. Project Description (cont.)**

2. a. Activity/Work Description (use additional paper and/or provide plan(s) of Activity, if necessary):

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

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3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single-family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



Massachusetts Department of Environmental Protection  
Bureau of Water Resources - Wetlands

**WPA Form 1- Request for Determination of Applicability** Southwick  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 Municipality

**C. Determinations**

1. I request the Southwick Conservation Commission make the following determination(s). Check any that apply:

- a. whether the **area** depicted on plan(s) and/or map(s) referenced above is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced above are accurately delineated.
- c. whether the **Activities** depicted on plan(s) referenced above is subject to the Wetlands Protection Act and its regulations.
- d. whether the area and/or Activities depicted on plan(s) referenced above is subject to the jurisdiction of any **municipal wetlands' ordinance or bylaw** of:

Southwick, MA  
Name of Municipality

- e. whether the following **scope of alternatives** is adequate for Activities in the Riverfront Area as depicted on referenced plan(s).

**D. Signatures and Submittal Requirements**

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Doug Maglin

Signature of Applicant

4/11/2024

Date

Vivian [Signature]

Signature of Representative (if any)

05/01/2024

Date

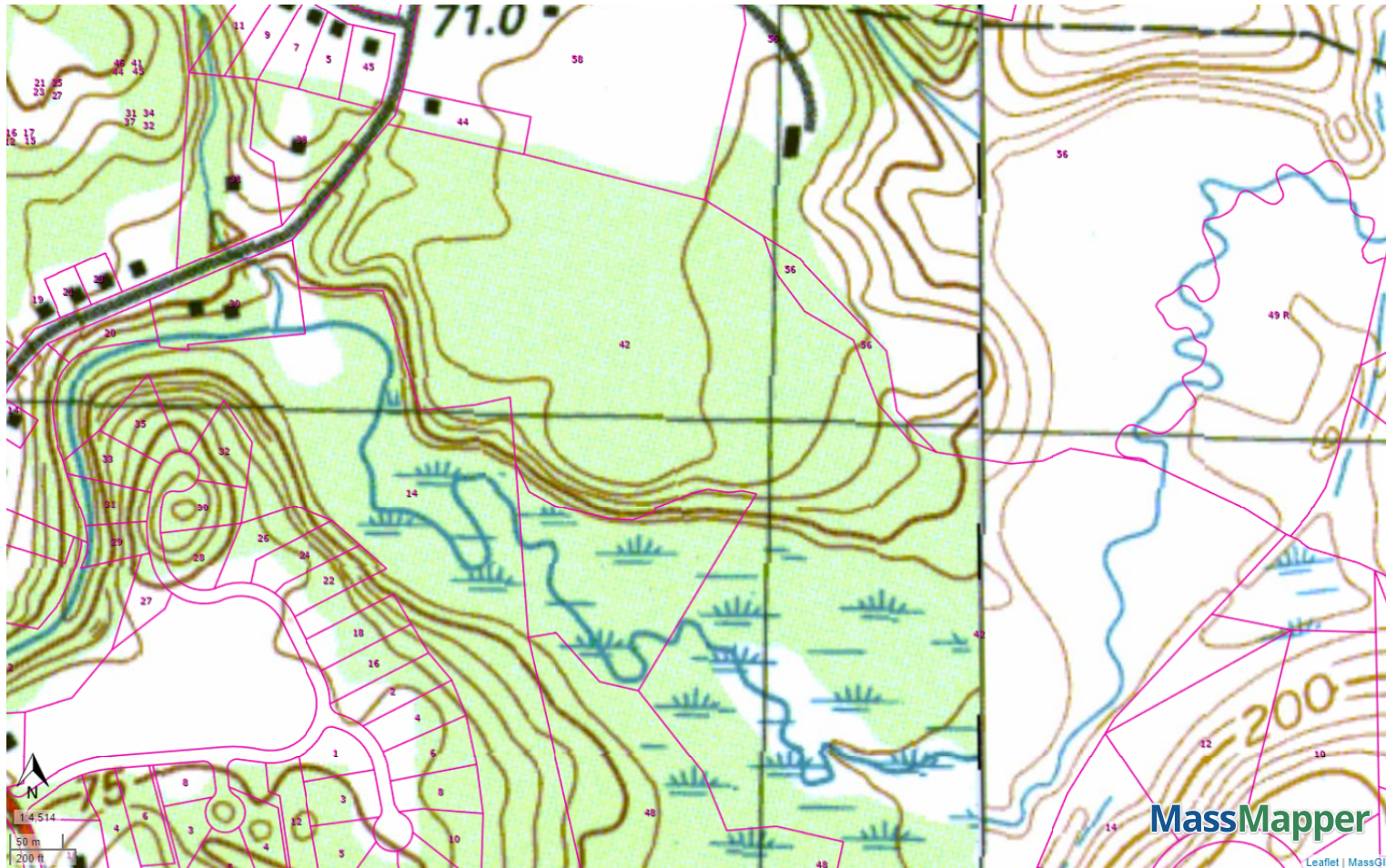


## **3. FIGURES**

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- 3.1 FIGURE 1 – USGS TOPOGRAPHIC MAP
- 3.2 FIGURE 2 – FEMA FLOODPLAIN MAP
- 3.3 FIGURE 3 – NRCS SOILS MAP

# USGS Topographic Map



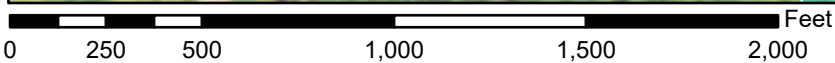
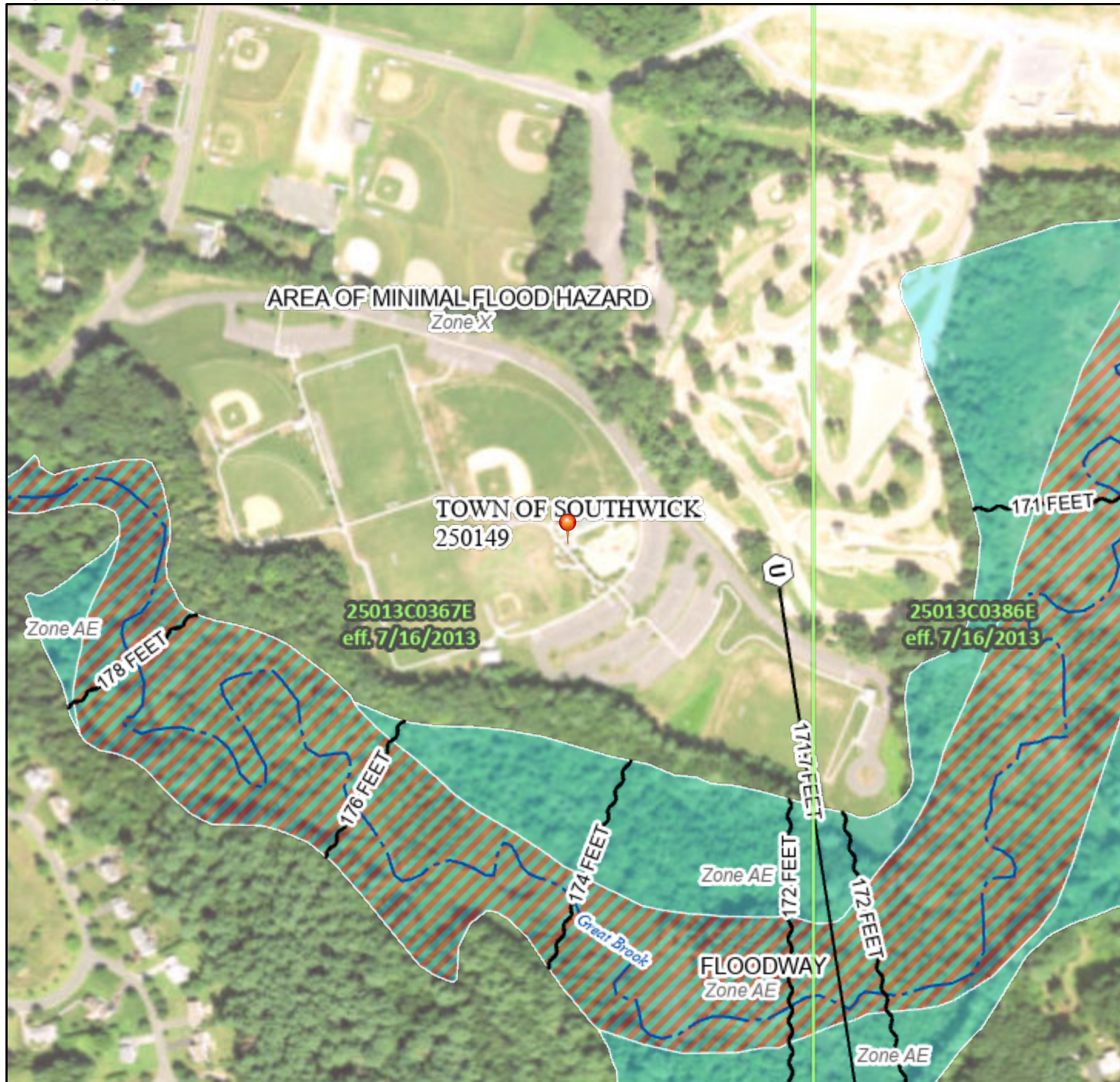
Property Tax Parcels  
USGS Topographic Maps



# National Flood Hazard Layer FIRMMette



72°45'27"W 42°3'30"N



1:6,000

72°44'49"W 42°3'3"N

Basemap Imagery Source: USGS National Map 2023

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/9/2024 at 10:14 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

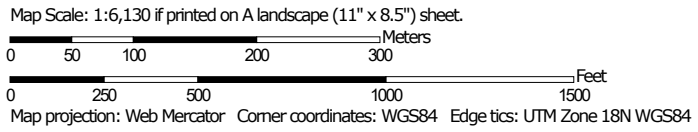
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Soil Map—Hampden County, Massachusetts, Central Part  
(Whalley Park)



Soil Map may not be valid at this scale.



Soil Map—Hampden County, Massachusetts, Central Part  
(Whalley Park)

### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)




















**Soils**







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

**Special Point Features**






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hampden County, Massachusetts, Central Part  
Survey Area Data: Version 17, Sep 10, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 24, 2020—Aug 6, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
18A	Rumney fine sandy loam, 0 to 3 percent slopes, frequently flooded	6.1	9.1%
54A	Freetown and Swansea mucks, 0 to 2 percent slopes	0.0	0.1%
97B	Suncook loamy fine sand, 0 to 2 percent slopes, occasionally flooded	4.9	7.3%
253A	Hinckley loamy sand, 0 to 3 percent slopes	6.0	8.9%
253B	Hinckley loamy sand, 3 to 8 percent slopes	5.1	7.7%
253C	Hinckley loamy sand, 8 to 15 percent slopes	4.2	6.3%
253E	Hinckley loamy sand, 25 to 35 percent slopes	5.3	7.8%
255A	Windsor loamy sand, 0 to 3 percent slopes	10.9	16.3%
255C	Windsor loamy sand, 8 to 15 percent slopes	0.2	0.3%
255E	Windsor loamy sand, 25 to 35 percent slopes	1.8	2.6%
256A	Deerfield loamy fine sand, 0 to 3 percent slopes	0.0	0.0%
260B	Sudbury fine sandy loam, 0 to 8 percent slopes	5.1	7.6%
718A	Saco Variant silt loam, frequently ponded, 0 to 2 percent slopes, frequently flooded	17.6	26.1%
<b>Totals for Area of Interest</b>		<b>67.2</b>	<b>100.0%</b>

# **APPENDIX A: SITE PLAN**

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SITE PLAN ENTITLED "PROPOSED SPRAY PARK"

PREPARED FOR THE TOWN OF SOUTHWICK

PREPARED BY R LEVESQUE ASSOCIATES, INC.

DATED MARCH 28, 2024