2023

Official Map of Inland Wetlands and Watercourses

Town of Bloomfield, Connecticut

Original Scale: One Inch = 1000 Feet (1:12,000)
On a 36" x 48" (915 mm x 1220 mm) Sheet
Architectural Size E

2023 INLAND WETLAND SOILS LEGEND

Wetlands in Connecticut are defined as soil types classified by the U.S. Natural Resource Conservation Service (NRCS) as Poorly Drained (PD), Very Poorly Drained (VPD) and Floodplain/ Alluvial soils, some of which are Moderately Well Drained (MWD). The inland wetland soils found in Bloomfield are listed below.

NRCS wetland soil **numbers** and ***names*** are in **bold font**, followed by the drainage class, soil texture description, and the former Hartford County Soil Survey wetland soil designations in [square brackets].

Glacial Till – Soils formed over glacial till (hardpan) derived from weathered sandstone, shale and basalt:

5 ***Wilbraham*** PD silt loam [Wr]

6 ***Menlo*** VPD silt loam [Mo]

6 ***Wilbraham and Menlo*** PD loams [Wt]

Sandy Glacial Outwash – Soils formed over glacial meltwater deposits of sand and gravel:

13 ***Walpole*** PD fine sandy loam [Wc and Wd]

15 ***Scarboro*** VPD loam [Se]

Glaciolacustrine – Soils formed over old glacial lakebed deposits of silts and clays:

9 ***Shaker*** PD sandy loam and PD very fine sandy loam [Sy and Sz]

9 ***Scitico*** PD silt loam [Sc]

9 ***Maybid*** VPD loam and VPD silt loam [Wo and Bf]

10 ***Raynham*** PD silt loam [Wa]

12 ***Raypole*** PD silt loam [Rb]

Floodplain/Alluvial – Soils formed in alluvium deposited by streams and rivers:

100 ***Suncook*** MWD loamy fine sand [St]

101 ***Rumney*** PD sandy loam [Ru]

102 ***Pootatuck*** MWD sandy loam [Po]

103 ***Rippowam*** VPD sandy loam [Ru]

106 ***Winooski*** MWD silt loam [Ww]

107 ***Limerick*** PD silt loam [Lm]

108 ***Saco*** VPD sandy loam and silt loam [Sa and Sb]

109 ***Fluvaquents*** (alluvial land) recently formed alluvial soils of various textures. [Am]

Organic – Soils formed in shallow to deep organic soil deposits:

17 ***Timakwa*** VPD muck, shallow [Pm]

18 ***Catden*** VPD muck, deep [Pk]

Disturbed Wetlands – Soils which have had two or more feet of their original soil surface disturbed through filling, excavation or grading; have a wetland hydrologic regime; and are capable of supporting wetland vegetation:

308w ***Aquents*** [Aq] ***Made land Wet*** [Ma "w"]

GRAPHICS LEGEND

Inland Wetland Soils

- Very Poorly Drained & Alluvial Soils
- Poorly Drained Soils

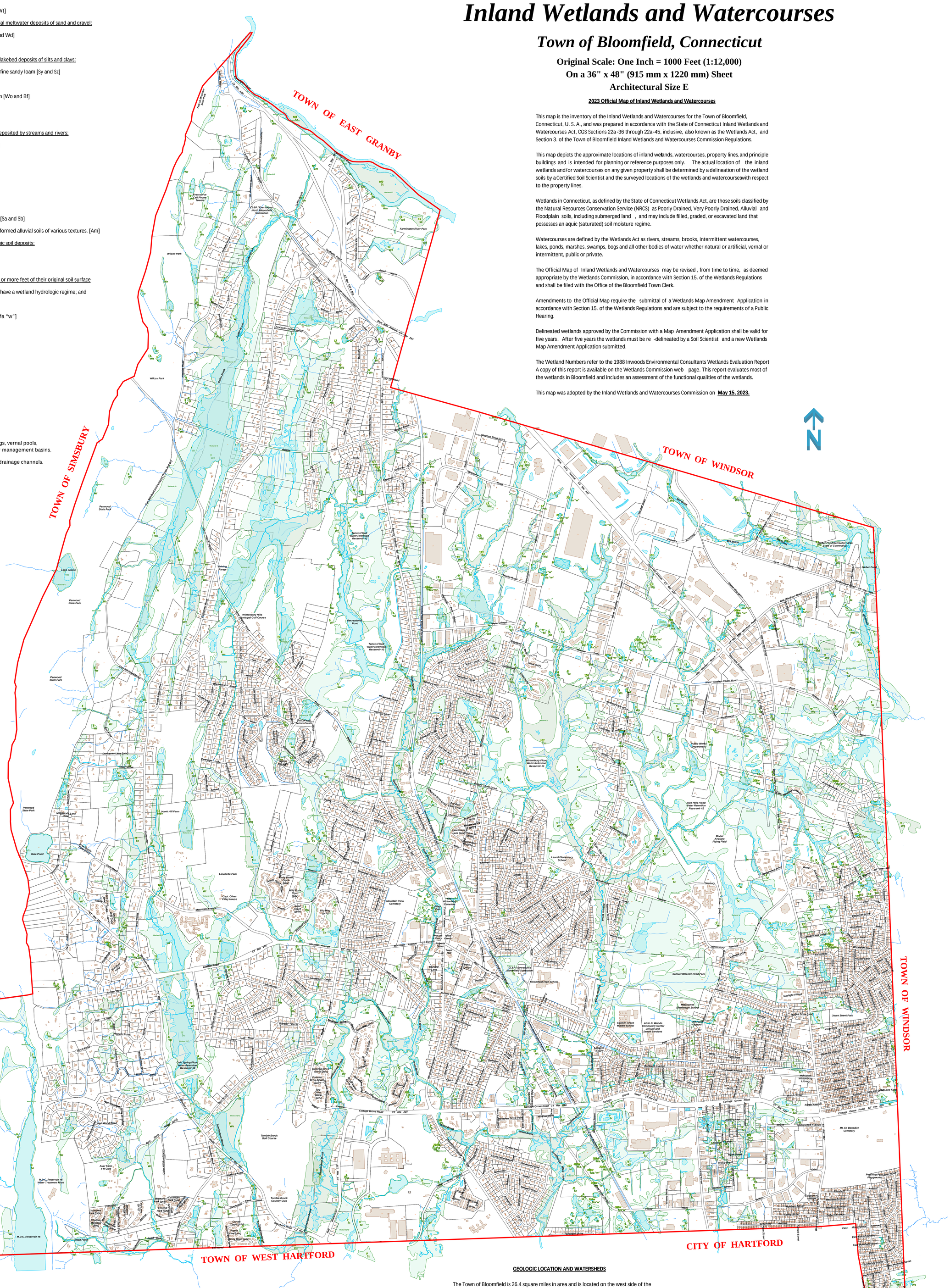
Watercourses

- Open water bodies: ponds, swamps, bogs, vernal pools, rivers, brooks, streams, and stormwater management basins.
- Linear streams, brooks, waterways and drainage channels.

Other

- Approximate Property Lines
- Principle Buildings

5 Wr — NRCS Soil Number / Hartford County Soil Survey Designation



2023 Official Map of Inland Wetlands and Watercourses

This map is the inventory of the Inland Wetlands and Watercourses for the Town of Bloomfield, Connecticut, U. S. A., and was prepared in accordance with the State of Connecticut Inland Wetlands and Watercourses Act, CGS Sections 22a-36 through 22a-45, inclusive, also known as the Wetlands Act, and Section 3. of the Town of Bloomfield Inland Wetlands and Watercourses Commission Regulations.

This map depicts the approximate locations of inland wetlands, watercourses, property lines, and principle buildings and is intended for planning or reference purposes only. The actual location of the inland wetlands and/or watercourses on any given property shall be determined by a delineation of the wetland soils by a Certified Soil Scientist and the surveyed locations of the wetlands and watercourses with respect to the property lines.

Wetlands in Connecticut, as defined by the State of Connecticut Wetlands Act, are those soils classified by the Natural Resources Conservation Service (NRCS) as Poorly Drained, Very Poorly Drained, Alluvial and Floodplain soils, including submerged land , and may include filled, graded, or excavated land that possesses an aquic (saturated) soil moisture regime.

Watercourses are defined by the Wetlands Act as rivers, streams, brooks, intermittent watercourses, lakes, ponds, marshes, swamps, bogs and all other bodies of water whether natural or artificial, vernal or intermittent, public or private.

The Official Map of Inland Wetlands and Watercourses may be revised , from time to time, as deemed appropriate by the Wetlands Commission, in accordance with Section 15. of the Wetlands Regulations and shall be filed with the Office of the Bloomfield Town Clerk.

Amendments to the Official Map require the submittal of a Wetlands Map Amendment Application in accordance with Section 15. of the Wetlands Regulations and are subject to the requirements of a Public Hearing.

Delineated wetlands approved by the Commission with a Map Amendment Application shall be valid for five years. After five years the wetlands must be re -delineated by a Soil Scientist and a new Wetlands Map Amendment Application submitted.

The Wetland Numbers refer to the 1988 Inwoods Environmental Consultants Wetlands Evaluation Report. A copy of this report is available on the Wetlands Commission web page. This report evaluates most of the wetlands in Bloomfield and includes an assessment of the functional qualities of the wetlands.

This map was adopted by the Inland Wetlands and Watercourses Commission on **May 15, 2023.**

GEOLOGIC LOCATION AND WATERSHEDS

The Town of Bloomfield is 26.4 square miles in area and is located on the west side of the Connecticut River Central Valley northwest of the City of H artford. The Farmington River forms part of the northern Town boundary shared with the Town of East Granby. The Talcott Mountain Ridge forms part of the western Town boundary shared with the Town of Simsbury. Bloomfield is also border ed by the Town of Windsor to the north and east , the Town of Avon to the southwest, and the Town of West Hartford and City of Hartford to the south.

The majority of Bloomfield iswithin the local subwatersheds of Wash Brook, Beaman Brook, Fille Brook and Tumbledown Brook all of which are tributaries to the North Branch of the Park River. Portions of the northwesterly part of Bloomfield are within the local subwatershed of Griffin Brook. Portions of the northeastern part of Bloomfield are within the local subwatershed of Mill Brook. Griffin Brook and Mill Brook are tributaries to the Farmington River. Portions of the southeastern part of Bloomfield are within the local subwatersheds of Meadow Brook and Gully Brook. Meadow Brook is tributary to the Park River. Gully Brook is tributary to the Connecticut River.