

DOVER CONSERVATION COMMISSION

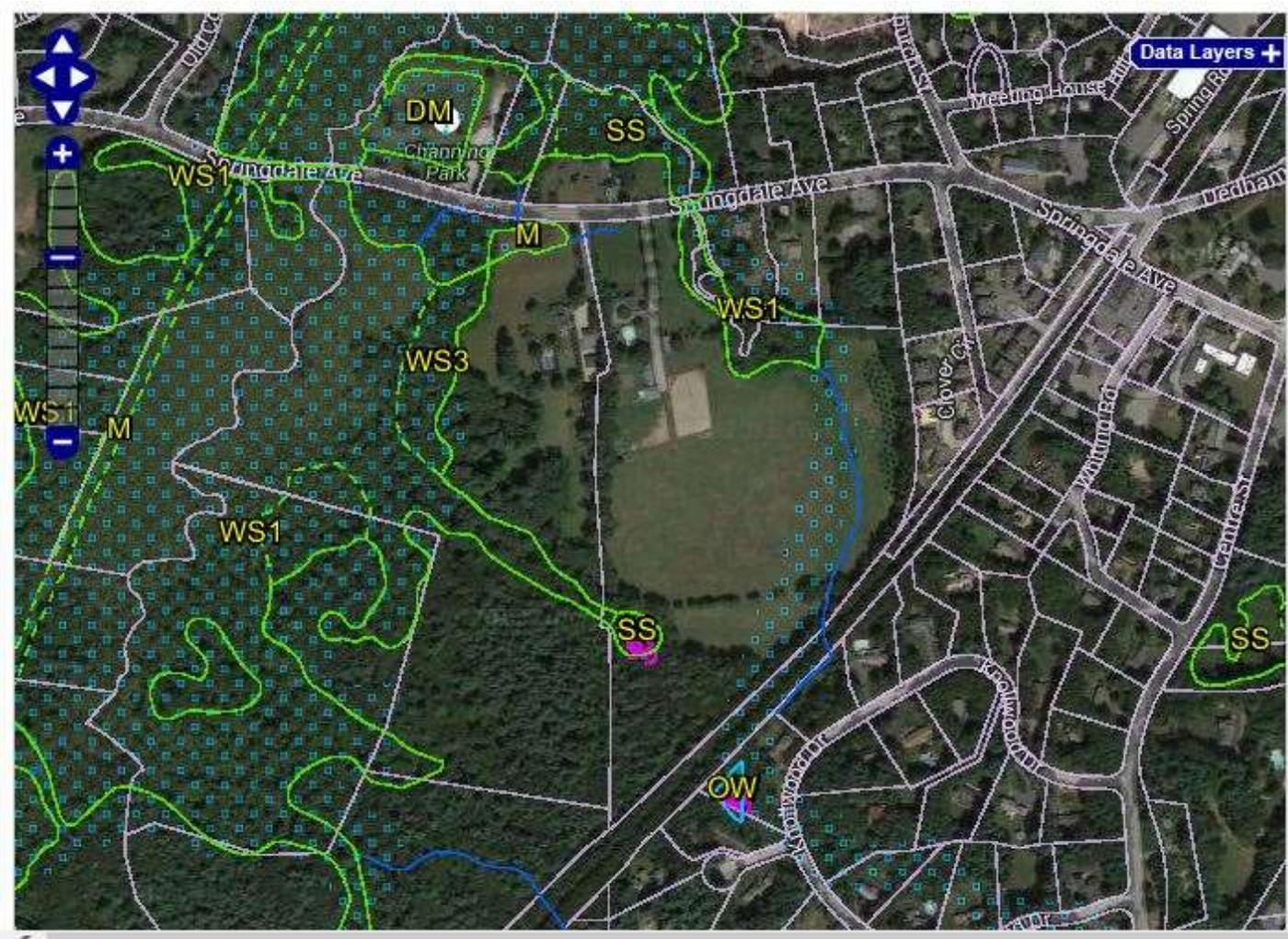
46 Springdale Avenue

With Special Thanks to Paul J. McManus, LSP, PWS

EcoTec, Inc., Environmental Consulting Services

*Ecological Inventory Report: Snyder Property, 46 Springdale
Avenue, Dover, Massachusetts , June 18, 2014*

for the generous use of his materials and photographs



-  Surface Water Supply Protection
-  Title 5 Setback Areas
-  100 Year Flood Zone A
-  100 Year Flood Velocity Zone
-  NHESP Estimated Habitats of
-  Areas of Critical Environmental Concern
-  Outstanding Resource Waters
-  MassGIS Assessors Parcels
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-  Town and State Boundaries
-  NHESP Certified Vernal Pool
-  NHESP Potential Vernal Pool
- MassDEP Wetlands**
-  Shoreline
-  Hydrologic Connection



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Window into the Past

- Dover has many houses; many woods
- Dover no longer has the plenitude of fields and open space that once characterized this town

Special Considerations

- There are extensive wetlands on the property
- These wetlands and Spring Brook add to the richness of diversity and life-sustaining capacity of this property and provide surface water treatment and infiltration to groundwater upstream of public and private supply wells



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Wildlife Corridor

- Conservation Commissioners see 46 Springdale as a *critical link in a significant wildlife corridor*
- This corridor extends from the south end of town through Wylde Woods and DLCT land onto the acreage of 46 Springdale – on across Springdale through the town wells to the sparsely populated northern section of town where many lands are already protected

IN CONTRAST.....

Development creates a
fragmented landscape

More about Wildlife Corridors

- In a *continuous corridor*, wildlife can travel from one type of habitat to another
- Many species of birds and mammals require varied habitat to fulfill their full breeding cycle
- They simply cannot be successful in reproducing without access to varied types of habitat

OTHER FEATURES...

There is a potential vernal pool
at the back of the property



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...AND...

Beautiful Upland Woods



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Important to remember:

- “The most notable ecological feature of the site is the presence of the large open field, which provides a wildlife habitat type that is ecologically unique and important both locally and regionally.”

-- Paul McManus, Ecotec, Inc.

Suitable for development

- In spite of the many remarkable ecological features described herein, there is considerable acreage at 46 Springdale, away from wetlands and the potential vernal pool, that could be developed
- This issue is what brings us to you...
- What do you want to do to protect this property?



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In Summary.....

- Historical heritage
- Critical positioning in relation to surrounding, strategically-conserved lands
- Wildlife protection
- Wetland resources
- Drinking water protection

These are just a few of the many reasons for supporting Dover's interest in protecting this pivotal property