

Town of Derry

Public Water Supply Systems and Wellhead Protection Areas

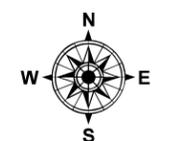
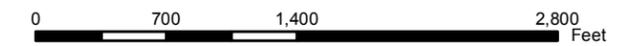
Public Water Supply Systems

-  Community Well: 67 Wells
-  Transient, Non-Community Well: 16 Wells
-  Non-Transient, Non-Community Well: 6 Wells

Local Potential Contamination Sites

-  DES PCS Inventory
-  SNHPC PCS Inventory
-  Above Ground Storage Tanks
-  Underground Storage Tanks
-  Hazardous Waste Generators

-  Town Boundaries
-  Utilities
-  Watershed Boundaries
-  Residential
-  Commercial; Industrial
-  Farmsteads
-  Agriculture
-  Outdoor Recreation
-  Brooks and Rivers
-  Intermittent Streams
-  Cemeteries
-  Forested
-  Water
-  Wetland
-  Utilities
-  Barren Land

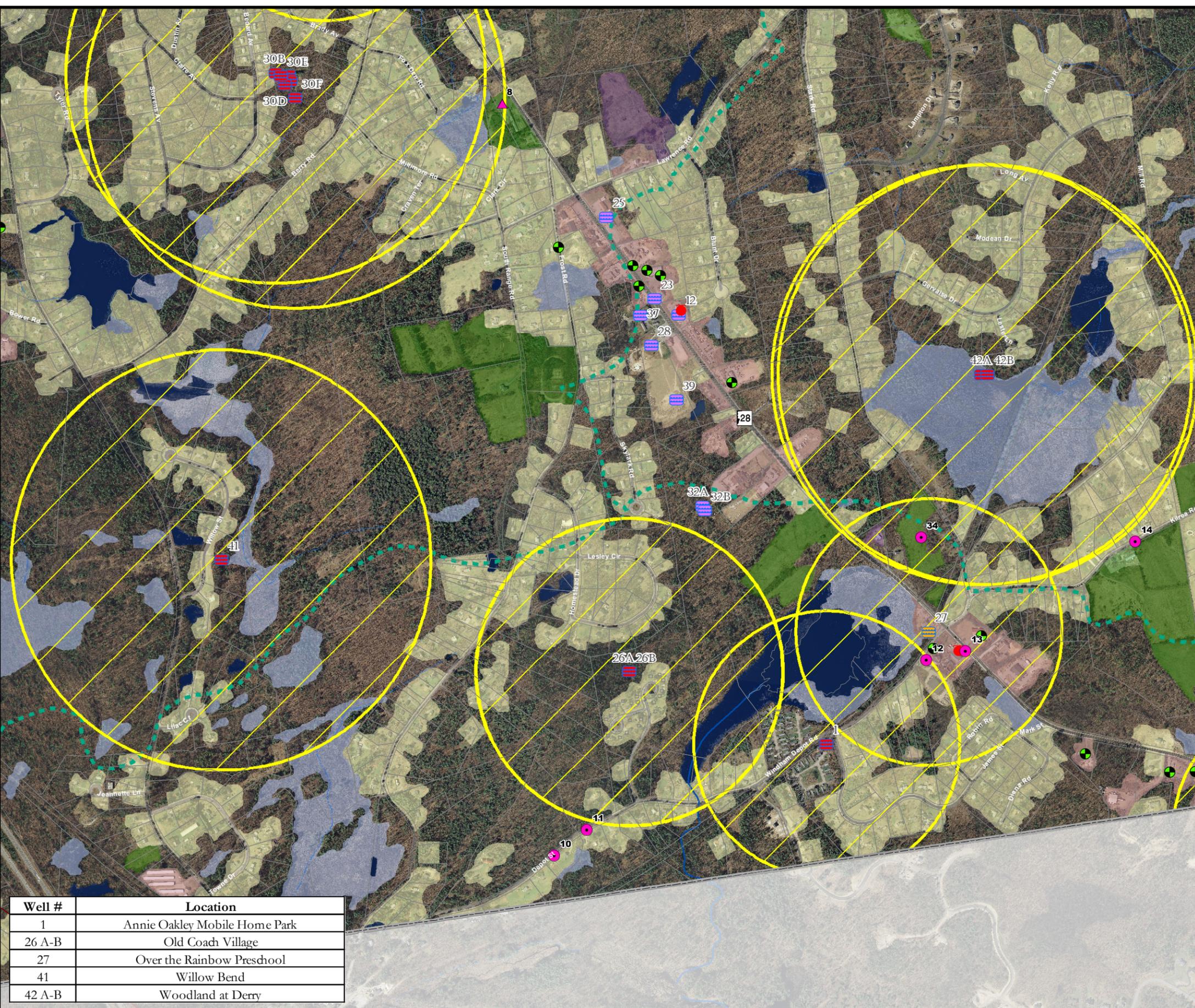
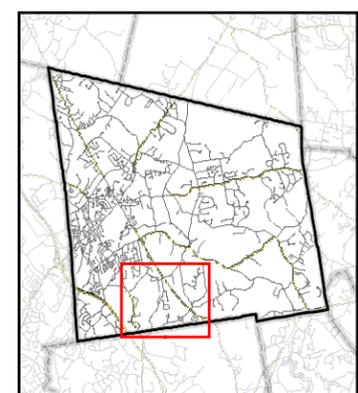


Data Sources:
 NH GRANIT Digital Data (1:24,000)
 NH Department of Environmental Services
 NH Department of Transportation
 Town of Derry
 SNHPC

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Map Produced by GIS Service SNHPC 2011.
 Contact: gis@snhpc.org. Ph: (603) 669-4664

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Well #	Location
1	Annie Oakley Mobile Home Park
26 A-B	Old Coach Village
27	Over the Rainbow Preschool
41	Willow Bend
42 A-B	Woodland at Derry

Town of Derry

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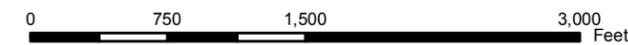
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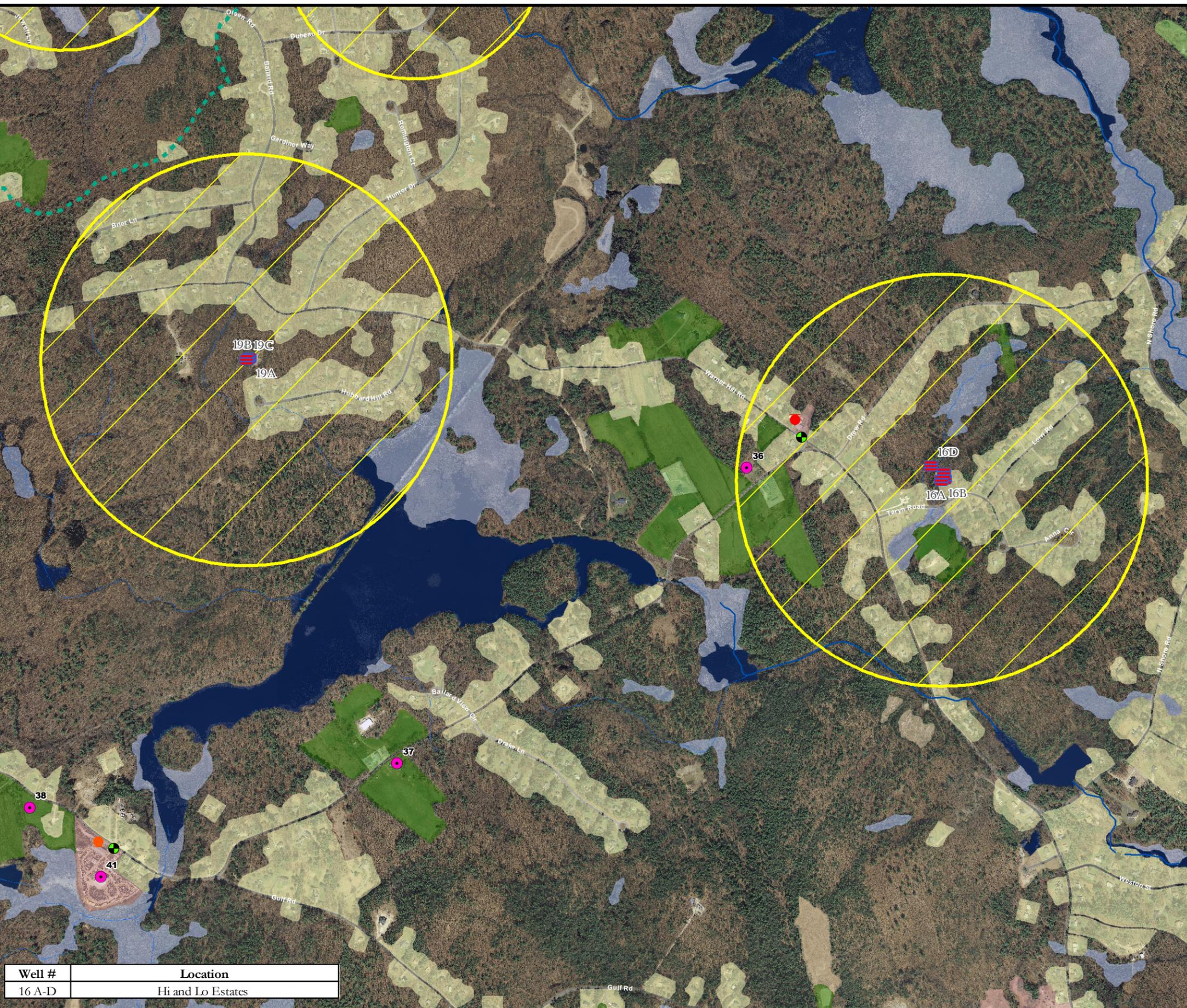
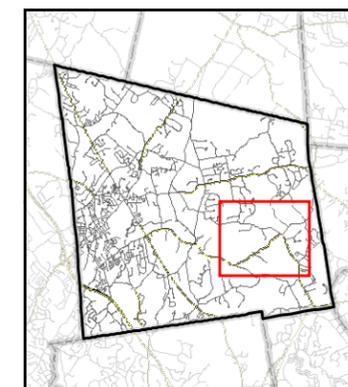


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Well #	Location
16 A-D	Hi and Lo Estates

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Public Water Supply Systems

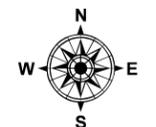
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-  Brooks and Rivers
-  Intermittent Streams

- ### Land Use
-  Residential
 -  Commercial; Industrial
 -  Farmsteads
 -  Agriculture
 -  Outdoor Recreation
 -  Cemeteries
 -  Forested
 -  Water
 -  Wetland
 -  Utilities
 -  Barren Land

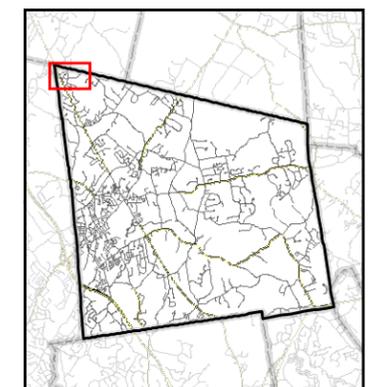


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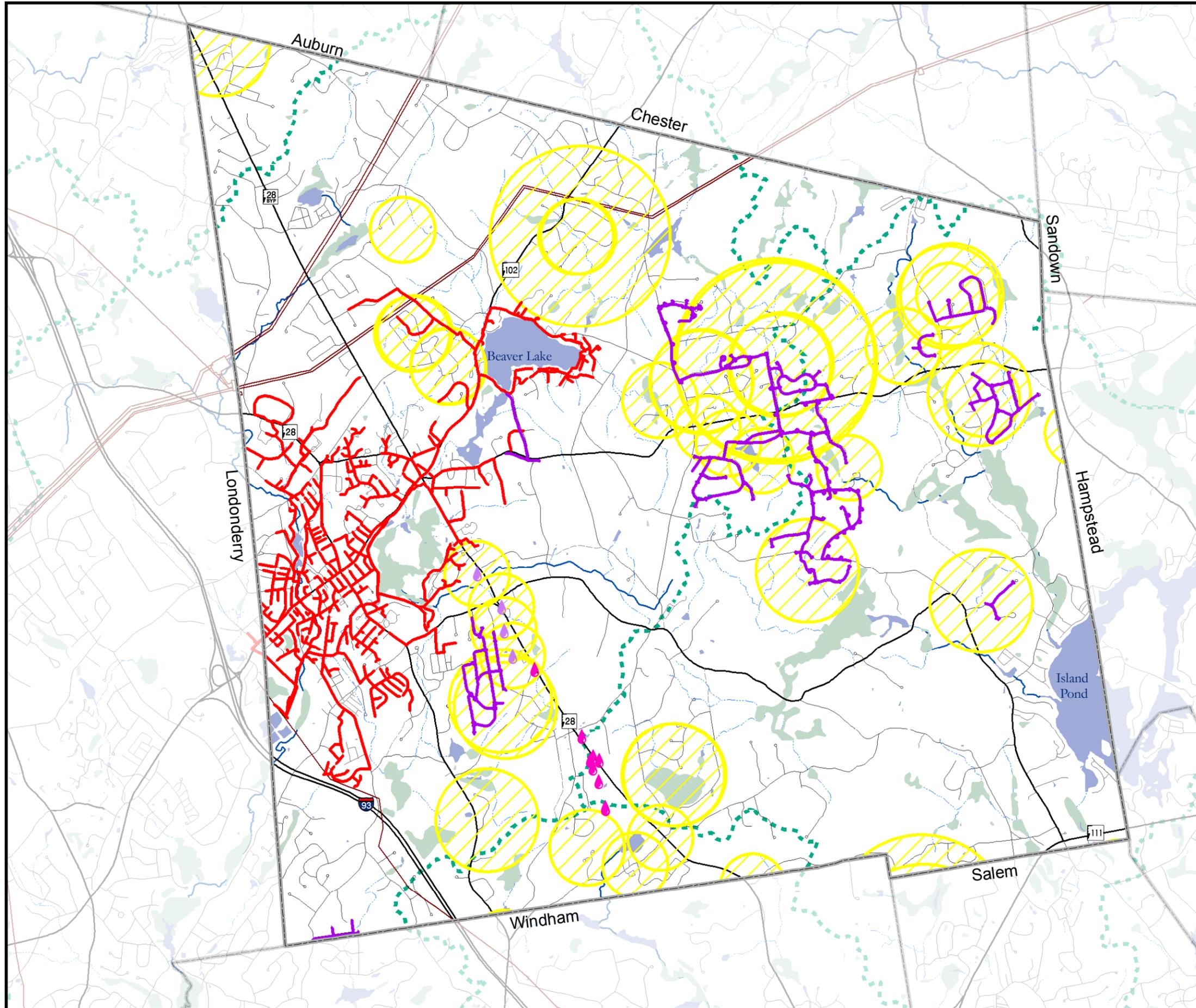
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Well #	Location
40 A-C	The Big W

Town of Derry

Water/Sewer Service



Wellhead Protection Areas

Waterlines

Sewerlines

Proposed Water Sytem Expansion

Direct Access to Water

Future Interconnections to Water

Town Boundaries

Utilities

Watershed Boundaries

Brooks and Rivers

Intermittent Streams

Lake or Pond

Wetland

Roads

State Maintained

Local Maintained

Private Maintained

Not Maintained



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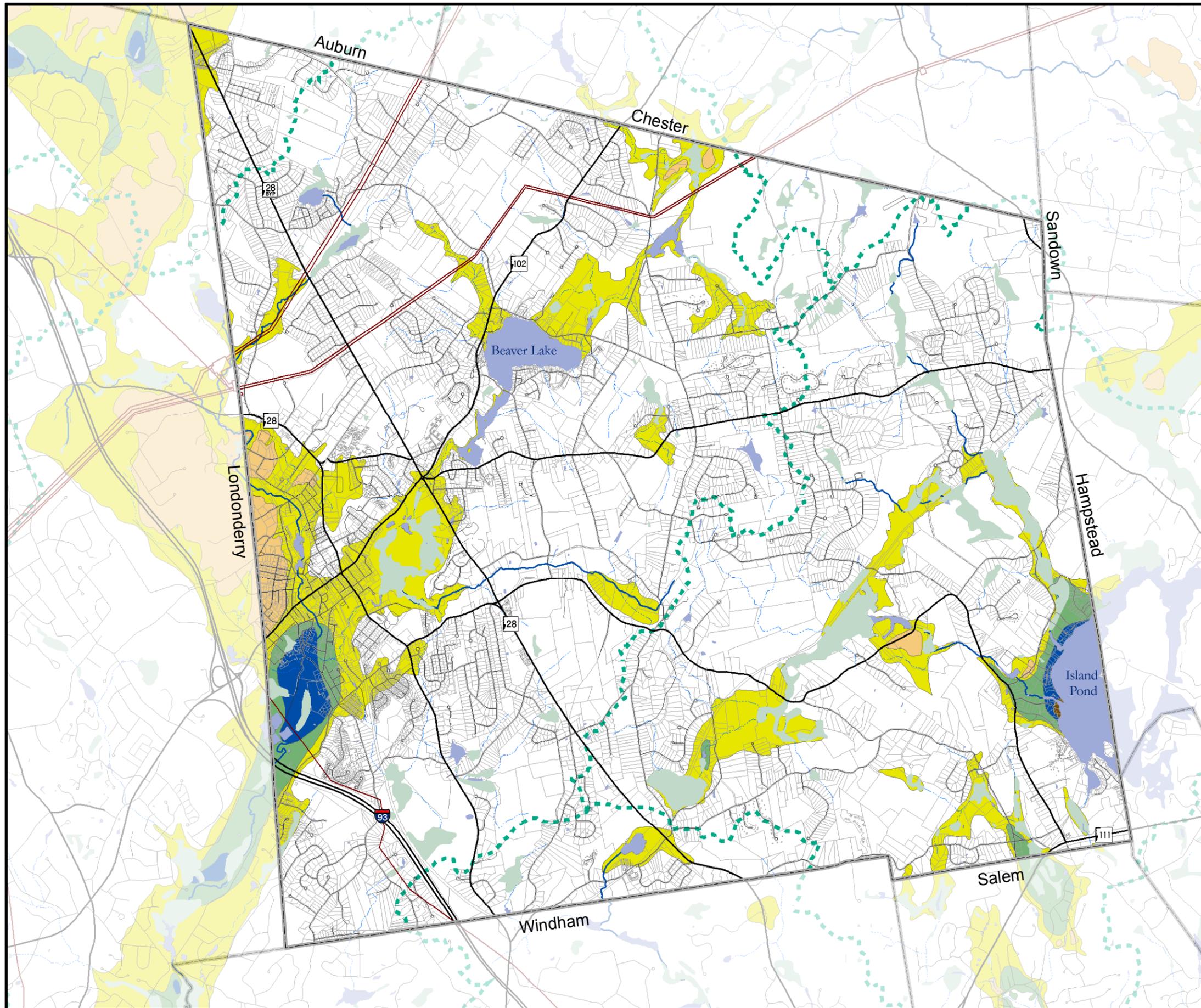
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Town of Derry

Aquifer Transmissivity



-  Town Boundaries
-  Parcels
-  Utilities
-  Watershed Boundaries
-  Brooks and Rivers
-  Intermittent Streams
-  Lake or Pond
-  Wetland
- Roads**
-  State Maintained
-  Local Maintained
-  Private Maintained
-  Not Maintained

Transmissivity (feet squared per day)

-  0
-  0 - 1000
-  1000 - 2000
-  2000 - 4000
-  Undifferentiated

Aquifer Transmissivity Data was automated by: Complex Systems Research Center, UNH from maps that were part of a larger study of groundwater resources in the State. The Study was conducted under a cooperative agreement between the US Geological Survey, Pembroke, NH and the NH Department of Environmental Services, Water Resources Division.

Parcel data was provided by the Town of Derry. Parcel lines were last updated in 2009.



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New Hampshire Location Map



SNHPC Region

Town of Derry

Well-Yield Probability

- Roads**
- State Maintained
 - Local Maintained
 - Private Maintained
 - Not Maintained
- Town Boundaries**
- Town Boundaries
 - Utilities
 - Watershed Boundaries

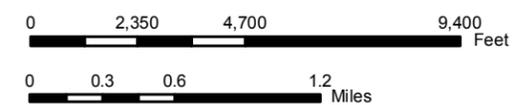
Favorable Gravel Well Analysis 2010 Model#

Well Yield Probability*

- Less than or equal to 6
- 6.1 to 8
- 8.1 to 10
- 10.1 to 12
- 12.1 to 15
- 15.1 to 18
- 18.1 to 20
- 20.1 to 25
- 25.1 to 30
- Greater than 30

* Well-yield Probability of obtaining 40 gallons per minute or more from a 400 foot deep bedrock well

Aquifer area potentially suitable for future municipal water supply development after removing Hydrology features, Transportation features, Contaminations sites, and urban features. For more information review the full report on the study at <http://clca.forestsociety.org/pdf/fgwa.pdf>

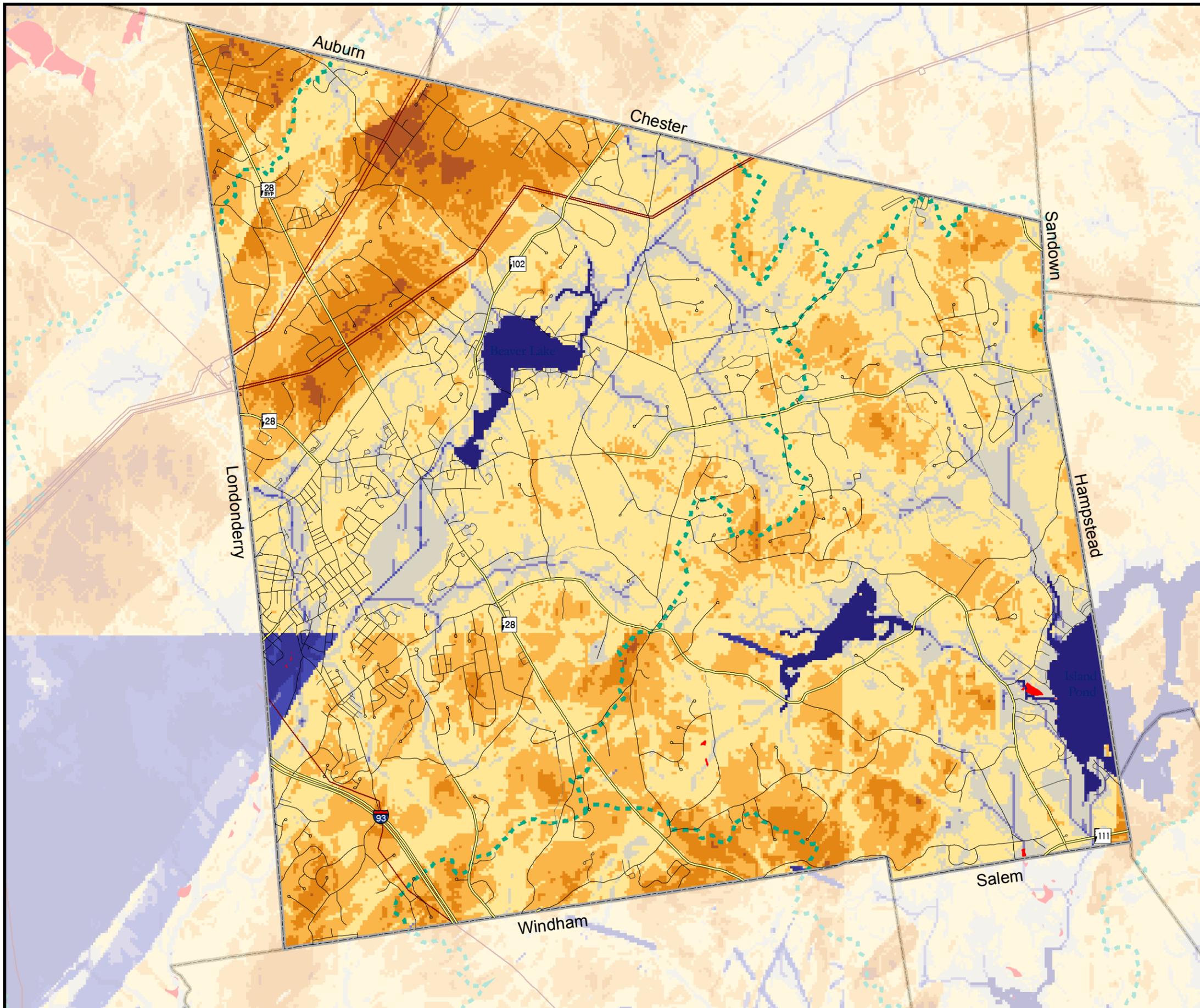
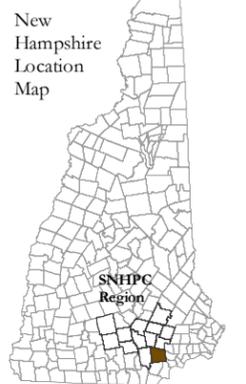


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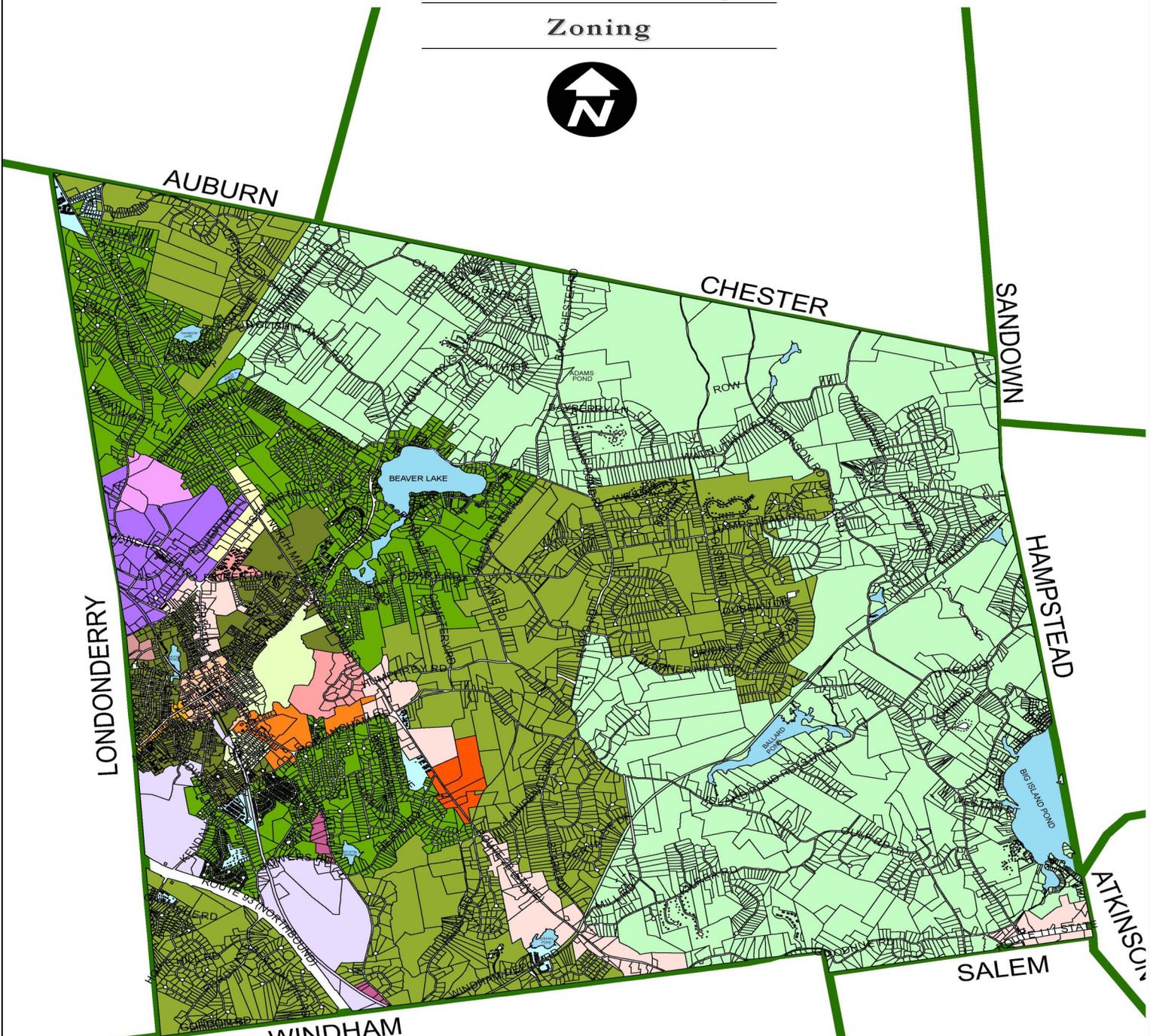
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Zoning



MAP KEY

Zones 2011

- IND I-INDUSTRIAL I
- IND II-INDUSTRIAL II
- IND III-INDUSTRIAL III
- IND IV-INDUSTRIAL IV
- IND V-INDUSTRIAL V
- IND VI-INDUSTRIAL VI
- LDR-LOW DENSITY RESIDENTIAL
- LMDR-LOW/MED DENSITY RESIDENTIAL
- MDR-MEDIUM DENSITY RESIDENTIAL
- MHDR II-MEDIUM HIGH DENSITY RESIDENTIAL
- MHDR-MEDIUM/HIGH DENSITY RESIDENTIAL
- GC-GENERAL COMMERCIAL
- GC2-GENERAL COMMERCIAL II
- GC3-GENERAL COMMERCIAL III
- CBD-CENTRAL BUSINESS DISTRICT
- MFR-MULTI-FAMILY RESIDENTIAL
- MHPD-MANUFACTURED HOUSING PARK DEVELOPMENT
- OBD-OFFICE BUSINESS DISTRICT
- OMB-OFFICE MEDICAL BUSINESS
- ORD-OFFICE RESEARCH AND DEVELOPMENT

DEFINITIONS OF RESIDENTIAL ZONES

LDR-LOW DENSITY RESIDENTIAL DISTRICT
3 ACRES, 200' ROAD FRONTAGE

LMDR-LOW MEDIUM DENSITY RESIDENTIAL DISTRICT
2 ACRES, 150' ROAD FRONTAGE

MDR-MEDIUM DENSITY RESIDENTIAL DISTRICT
1 ACRE, 125' ROAD FRONTAGE

MHDR-MEDIUM HIGH DENSITY RESIDENTIAL
10,000 S.F. TOWN WATER AND SEWER
15,000 S.F. WITH TOWN WATER OR SEWER
100' ROAD FRONTAGE

MHDR II-MULTI-FAMILY NOT ALLOWED

NOTE
"BARRIED WIRE" LINE TYPE INDICATES A DUPLEX AND NOT AN ACTUAL LOT LINE