

2016

Vermont Right-of-Way Permit Application



National Grid Transmission Forestry

939 Southbridge Street

Worcester, MA 01610

nationalgrid

REQUEST FOR PERMIT TO CONDUCT RIGHTS-OF-WAY SPRAYING

Request is hereby made, pursuant to Title 6 V.S.A., Chapter 87, and the regulations issued pursuant thereto, for an approved permit to conduct spraying on rights-of-way within the State of Vermont.

A. General Information

1. Title of Organization: National Grid

2. Address: 939 Southbridge Street

Worcester, MA 01610

3. Telephone Number: 508-860-6282

4. Contact Person: Mariclaire Rigby, Lead Vegetation Strategy Specialist

5. Type of Right-of-Way:

- a. Electric Power Transmission Line
- b. Electric Power Distribution Line
- c. Telephone Line
- d. Highway
- e. Pipeline (Specify: Gas, Soil, Water)
- f. Railroad
- g. Airport Approaches and Safety Zones
- h. Other - Describe

6. Type of Treatment

- a. Selective Basal
- b. Stump Treatment
- c. Dormant Cane (Broadcast Basal)
- d. Soil Applications (Soil Sterilant)
- e. Ground Broadcast Stem-Foliage
- f. Stem Injection (Frill Treatment)
- g. Other - Describe: Selective low volume foliar applied by hand with backpack sprayers

7. Railroad Right-of-Way Treatment

- a. Ballast
- b. Shoulder

Request for Permit to Conduct Rights-of-Way Spraying
Page 3

D. Contractor Information

1. Contractor's Name: David O'Brien

2. Company Name: Lewis Tree Service

3. Company Address: 300 Lucius Gordon Drive
West Henrietta, NY 14586

4. Current Vermont Applicator Certificate Number: 1102-3383

5. Company Telephone Number: David O'Brien: 413-237-9870
Home Office: 800-333-1593

Request for Permit to Conduct Rights-of-Way Spraying
Page 4

E. Control Details

Pesticides to be used and rates to be applied. If more than one chemical is listed, a summary of the uses intended for each chemical must be provided. The summary should state whether the chemical will be mixed or applied separately, specifying which chemicals will control what types of vegetation. (Please Note: A copy of a label, MSDS sheet and EPA Fact Sheet [if available] must be supplied for each chemical to be used.)

Trade Name	Common Name of Active Ingredient(s)	EPA Reg. No.	Application Rate Product/Acre	Vegetation to be Controlled	Application Equipment to be Used	Potential Adjuvants
Garlon 4 Ultra	Triclopyr	62719-527	1 to 2 gal/acre 20% by volume	Undesirable trees and shrubs	Low volume hand pump backpack	Methylated seed oil
Escort XP	Metsulfuron Methyl	352-439	0.50 to 2 oz./acre	Undesirable trees and shrubs	Low volume hand pump backpack	Thinvert® RTU or Aquafact™
Krenite S	Ammonium Salt of Fosamine	42750-247	1.0 to 3.0 gal/acre	Undesirable trees and shrubs	Low volume hand pump backpack	Thinvert® RTU or Aquafact™
Rodeo	Isopropylamine Salt of Glyphosate	62719-324	0.25 to 2.0 gal/acre or less	Undesirable trees and shrubs	Low volume hand pump backpack	Thinvert® RTU or Aquafact™
Arsenal Powerline	Isopropylamine Salt of Imazapyr	241-431	6 pints/acre or less	Undesirable trees and shrubs	Low volume hand pump backpack	Thinvert® RTU or Aquafact™
Polaris®	Isopropylamine Salt of Imazapyr	228-534	6 pints/acre or less	Undesirable trees and shrubs	Low volume hand pump backpack	Thinvert® RTU or Aquafact™

Note: Primary low volume foliar tank mix consists of Rodeo/Arsenal Powerline mixed in water and applied with backpack wand sprayers.

Secondary tank mix consists of Krenite S/Arsenal Powerline/Escort XP per 100 gallons, also applied with backpack wand sprayers.

Third tank mix consists of Polaris/Rodeo/Escort XP per 100 gallons, also applied with backpack wand sprayers

F. Methods of Notification

1. List the Newspapers in which you will Advertise this Application to Comply with Section IV, 4.b., of the Vermont Regulations for Control of Pesticides.

<u>Right-of-Way</u>	<u>Towns</u>	<u>Newspapers</u>
G33 (1667)	Brattleboro, Dummerston, Putney, Rockingham, Westminster	Brattleboro Reformer, Brattleboro Shopper (replaced The Town Crier (Bellows Falls))
A1/B2 (1601)	Vernon	Brattleboro Reformer, Brattleboro Shopper (replaced The Town Crier (Bellows Falls))

2. Please Indicate Other Notification Option Chosen to Comply with Section IV, 4.c, of the Vermont Regulations for Control of Pesticides.
 - Notification, via U.S. mail, to residents adjacent to the spray area, at least two weeks prior to spraying.
 - If above landowner information is not available, then: a printed statement, hand-delivered, to residents adjacent to the spray area, at least ten (10) days prior to the commencement of spraying.

G. Other Information To Be Submitted With Application

1. Two (2) Sets of Geodetic (in 7.5 minute scale) or Orthophoto Maps indicating the Right-of-Way to be Treated. (Only one set of maps is needed if maps have been previously submitted and revisions have not been made.)
2. Current Labeling for each Pesticide to be Used.
3. Current Material Safety Data Sheet (MSDS) for each Pesticide to be Used.
4. Current Environmental Protection Agency Pesticide Fact Sheet (if available).

The undersigned accepts full responsibility for all statutes and regulations of the State of Vermont and understands that any authorization is limited to the described materials, locations and time periods stated herein.

The undersigned further understands that weekly spray and dusting operations must be reported to the Vermont Agency of Agriculture. Such written report shall be on forms furnished by the Secretary of Agriculture and placed in the mail not later than the close of business on the Monday following the week's operation.

3/28/16
Date



Signature of Applicant
Frederick Raymond
VP Project Management & Complex Construction

Draft

PUBLIC NOTICE
OF INTENT TO APPLY HERBICIDES
RIGHT-OF-WAY MAINTENANCE

To prevent safety hazards and the interruption of electric service, National Grid is obligated to maintain its rights-of-way and carefully control the growth of certain tree species under transmission lines. The most effective method of accomplishing this is selective herbicide treatment. The herbicides that are used have been registered by the U.S. Environmental Protection Agency. Certified and experienced applicators will apply the treatments with hand held tools. A permit, approved by the Vermont Pesticide Advisory Council, has been applied for through the Secretary of Agriculture by National Grid for the purpose of making a selective ground based treatment of the following herbicides: Rodeo (Isopropylamine Salt of Glyphosate); Garlon 4 Ultra (Triclopyr); Krenite S (Ammonium salt of Fosamine); Arsenal Powerline (Isopropylamine salt of Imazapyr); Escort XP (Metsulfuron Methyl); or Polaris (Isopropylamine salt of Imazapyr) on its rights-of-way in the following towns:

Right-of-Way

G33(1667)
A1/B2 (1601)

Towns

Brattleboro, Dummerston, Putney, Rockingham, Westminster
Vernon

The treatment will start on or about May 16, 2016.

National Grid uses GIS based topographic maps to locate public water supplies, which will be avoided. Vermont regulations require National Grid to warn residents to protect private water supplies and environmentally sensitive areas. It is the responsibility of the residents to notify the Company contact person of the existence of private water supplies or other environmentally sensitive areas located within 100 feet of the right-of-way.

Landowners with questions regarding private water supplies on the Company's rights-of-way maintenance program should contact:

Mariclaire Rigby, Lead Vegetation Strategy Specialist
National Grid
939 Southbridge Street
Worcester, MA 01610
Telephone: (508) 860-6282
mariclaire.rigby@nationalgrid.com

Residents who wish to submit comments or complaints regarding this vegetation management treatment should contact:

Vermont Department of Agriculture
State Office Building, 116 State Street
Montpelier, VT 05602
Telephone: (802) 828-2431

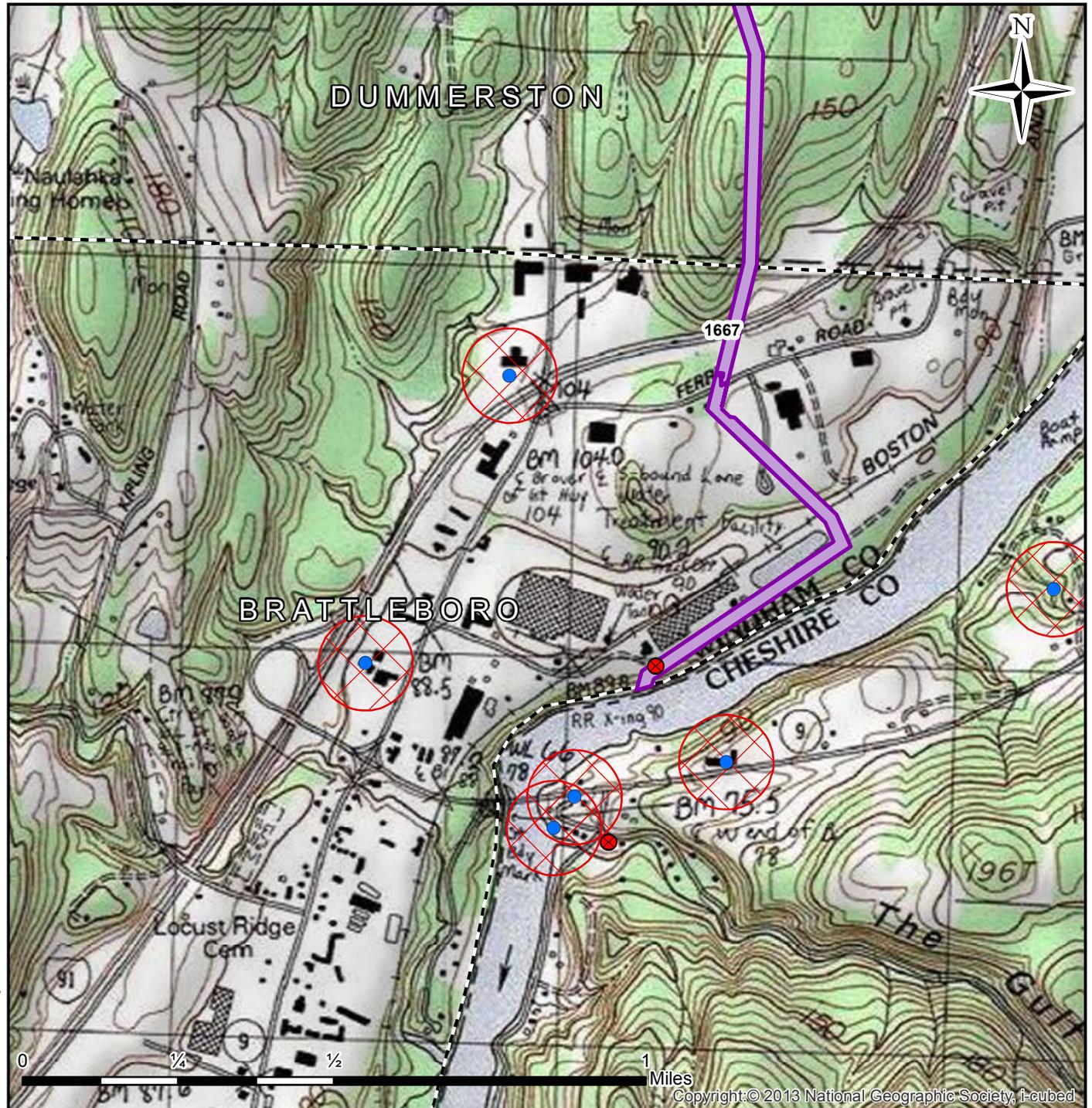
Brattleboro,
VT

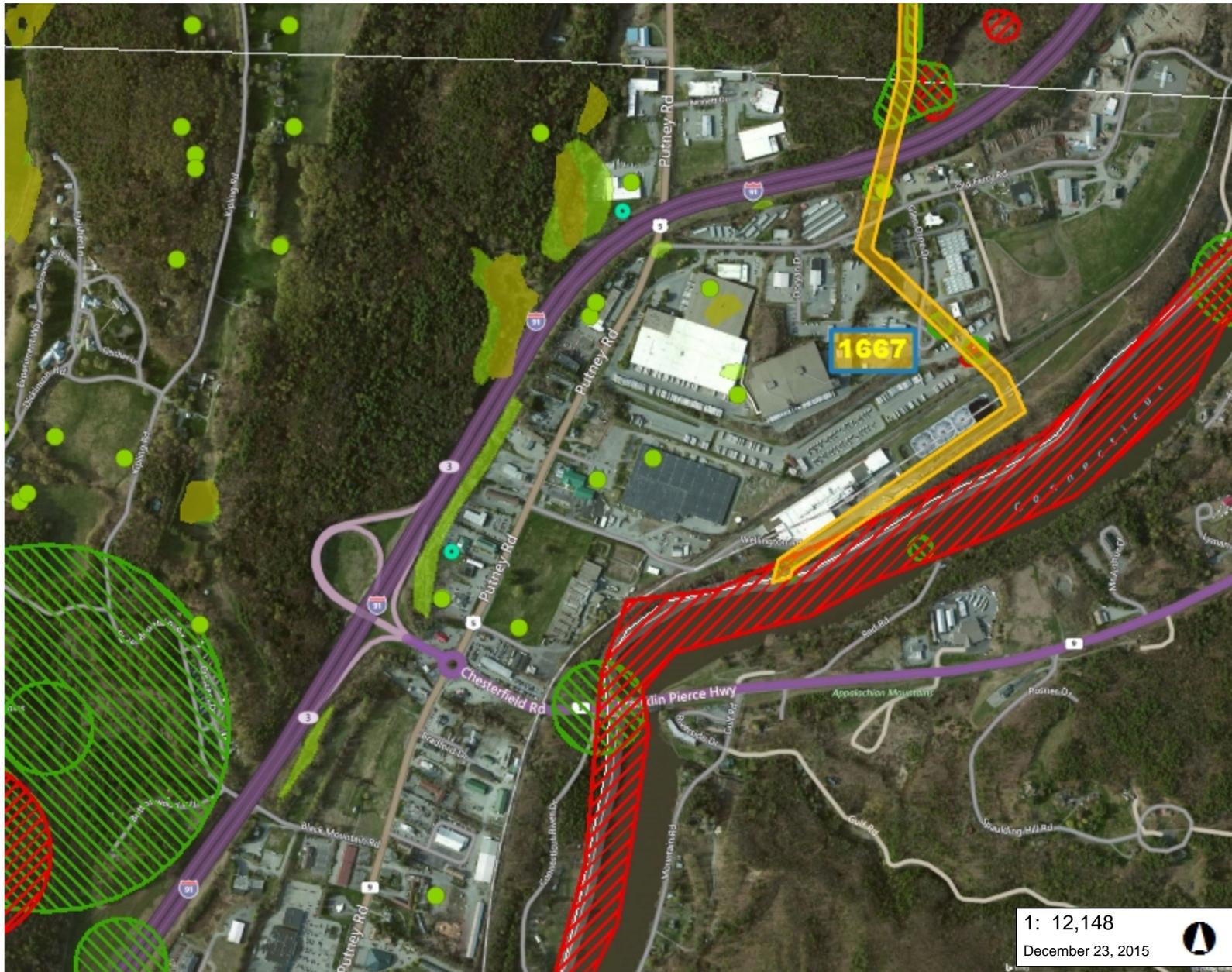
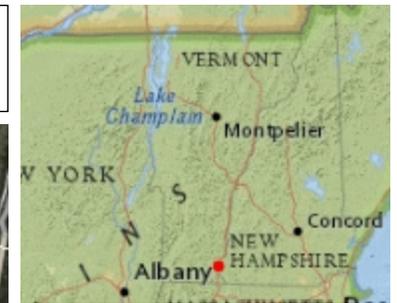
Right-of-Way
1667

- Private Wells
- Public Wells
- ⊠ Well Buffers
- ▬ Right-of-Way
- - - Town Boundary

Data shown at 1:15,000 scale.

Data collected in 2015.
Mapped in ESRI and
SmallWorld software.





LEGEND

- Vernal Pools Confirmed – AE/A
- Vernal Pools Unconfirmed – AI
- Wetlands - VSWI**
 - Class 1 Wetland
 - Class 2 Wetland
- Wetlands Advisory Layer
- Rare Threatened Endangered**
 - Threatened or Endangered
 - Rare
- Public Water Sources**
 - Active
 - Proposed
 - Inactive
- Private Wells**
 - GPS Location
 - screen digitized
 - E911 Address
 - Welldriller/Clarion
 - Unknown
- SurfaceWaterSPA**
 - Active
 - Inactive
- Town Boundary

1: 12,148
December 23, 2015

NOTES

Map created using ANR's Natural Resources Atlas. Data collected in 2015.

617.0 0 308.00 617.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 1012 Ft. 1cm = 121 Meters

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Dummerston, VT

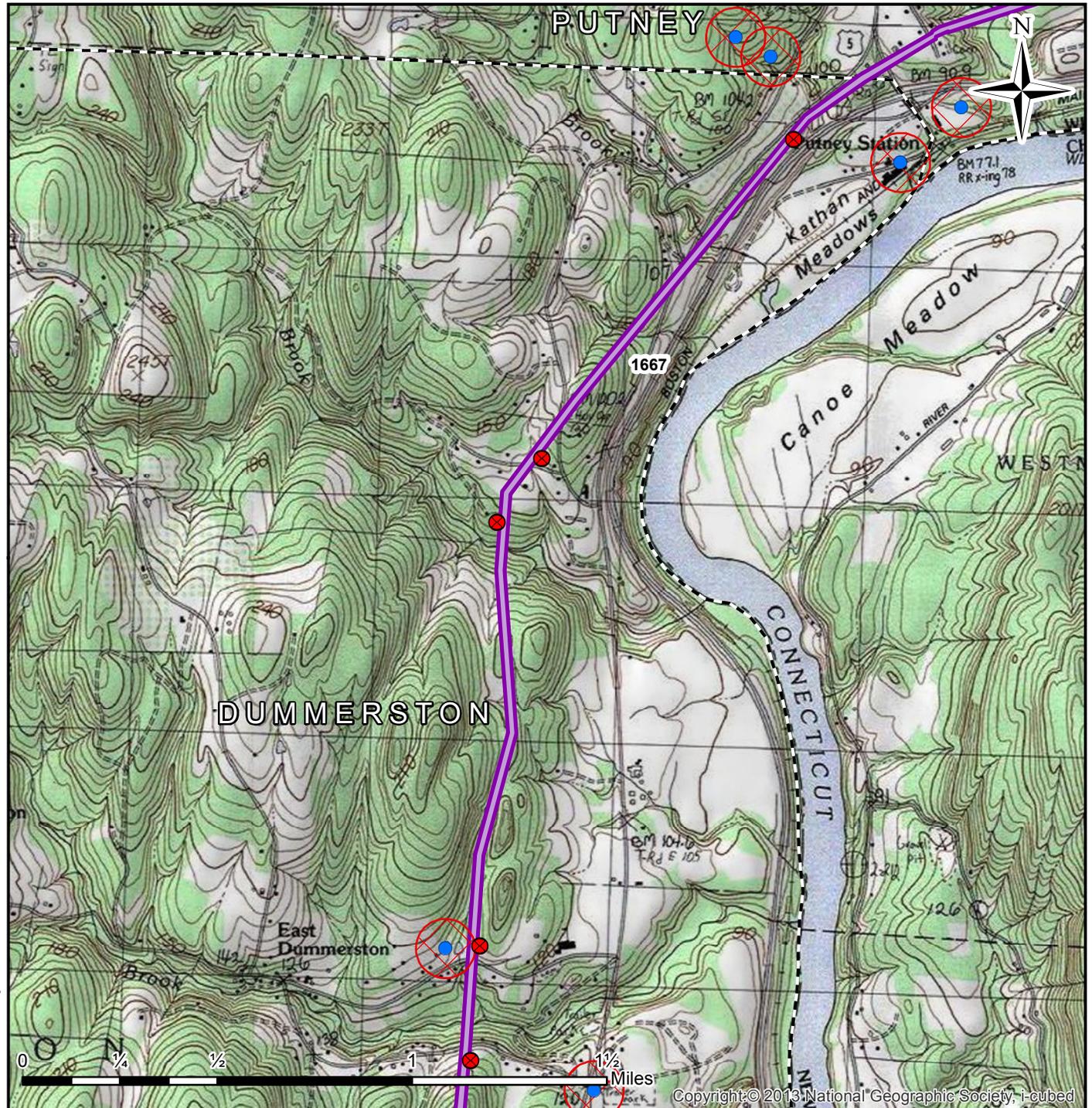
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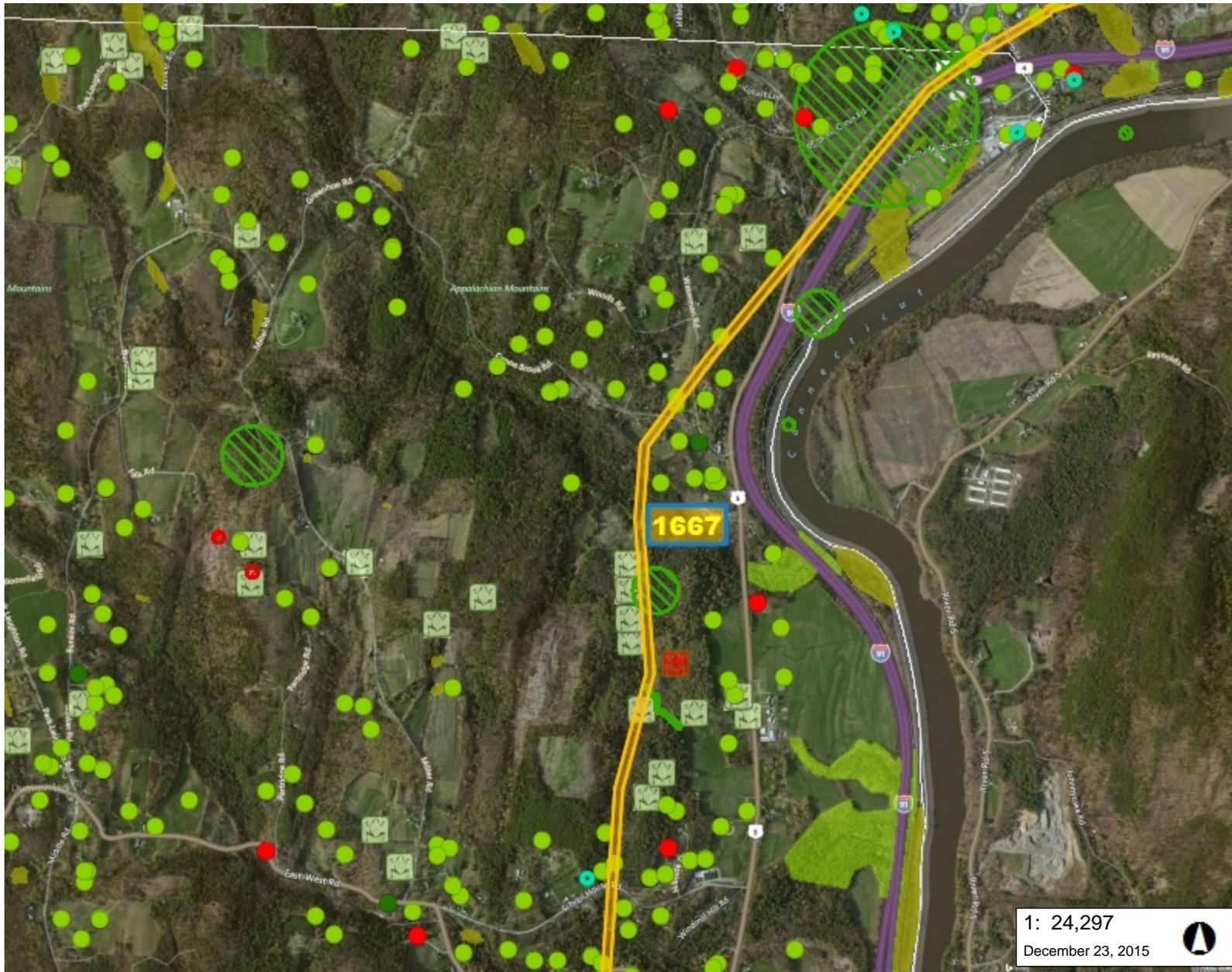
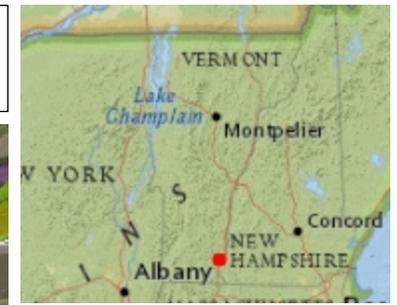
Right-of-Way 1667

- Private Wells
- Public Wells
- Well Buffers
- ▬ Right-of-Way
- ⋯ Town Boundary

Data shown at 1:24,000 scale.

Data collected in 2015.
Mapped in ESRI and
SmallWorld software.





LEGEND

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1: 24,297

December 23, 2015



NOTES

Map created using ANR's Natural Resources Atlas. Data collected in 2015.

1,234.0 0 617.00 1,234.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere

1" = 2025 Ft. 1cm = 243 Meters

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Dummerston, VT

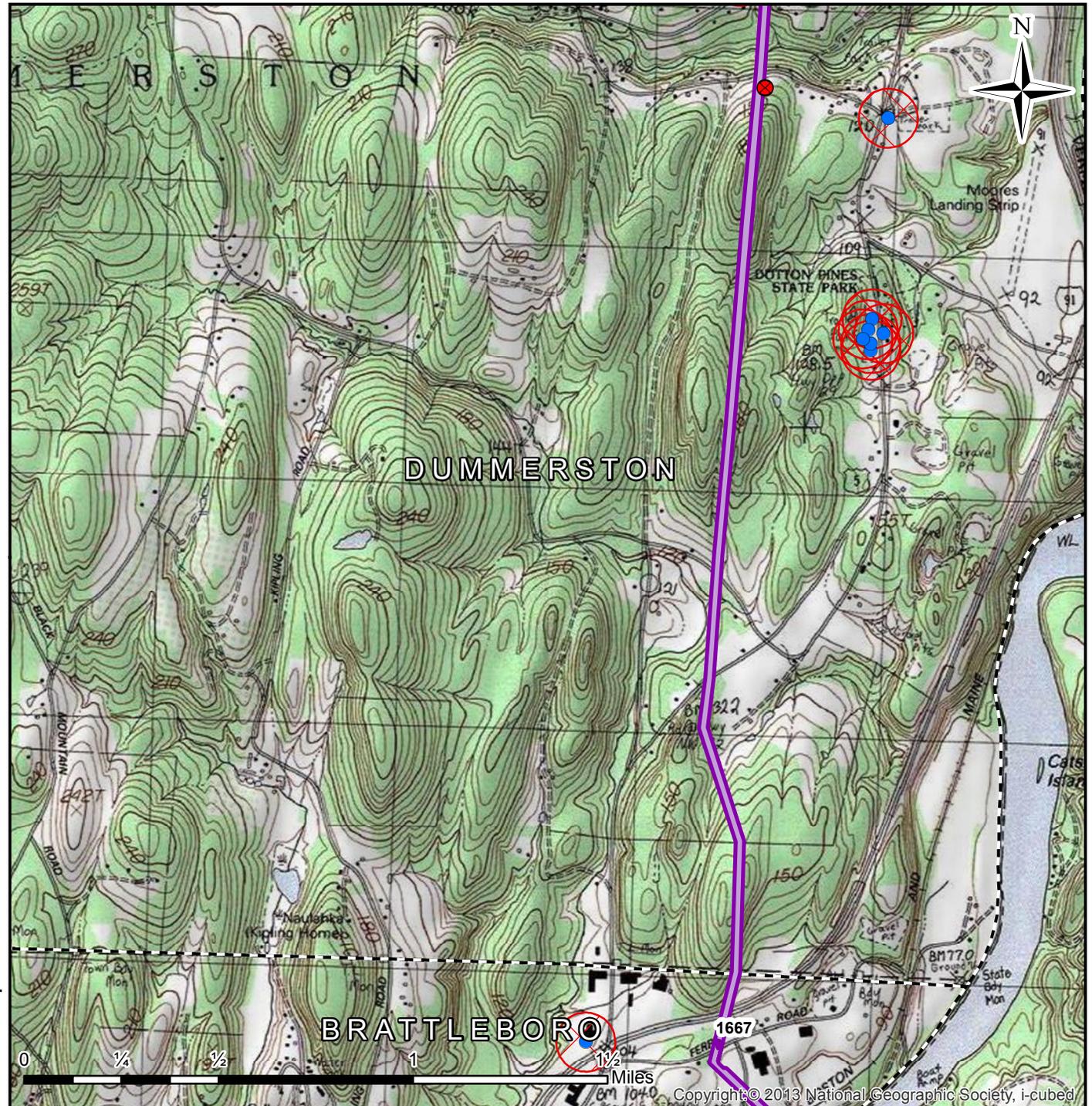
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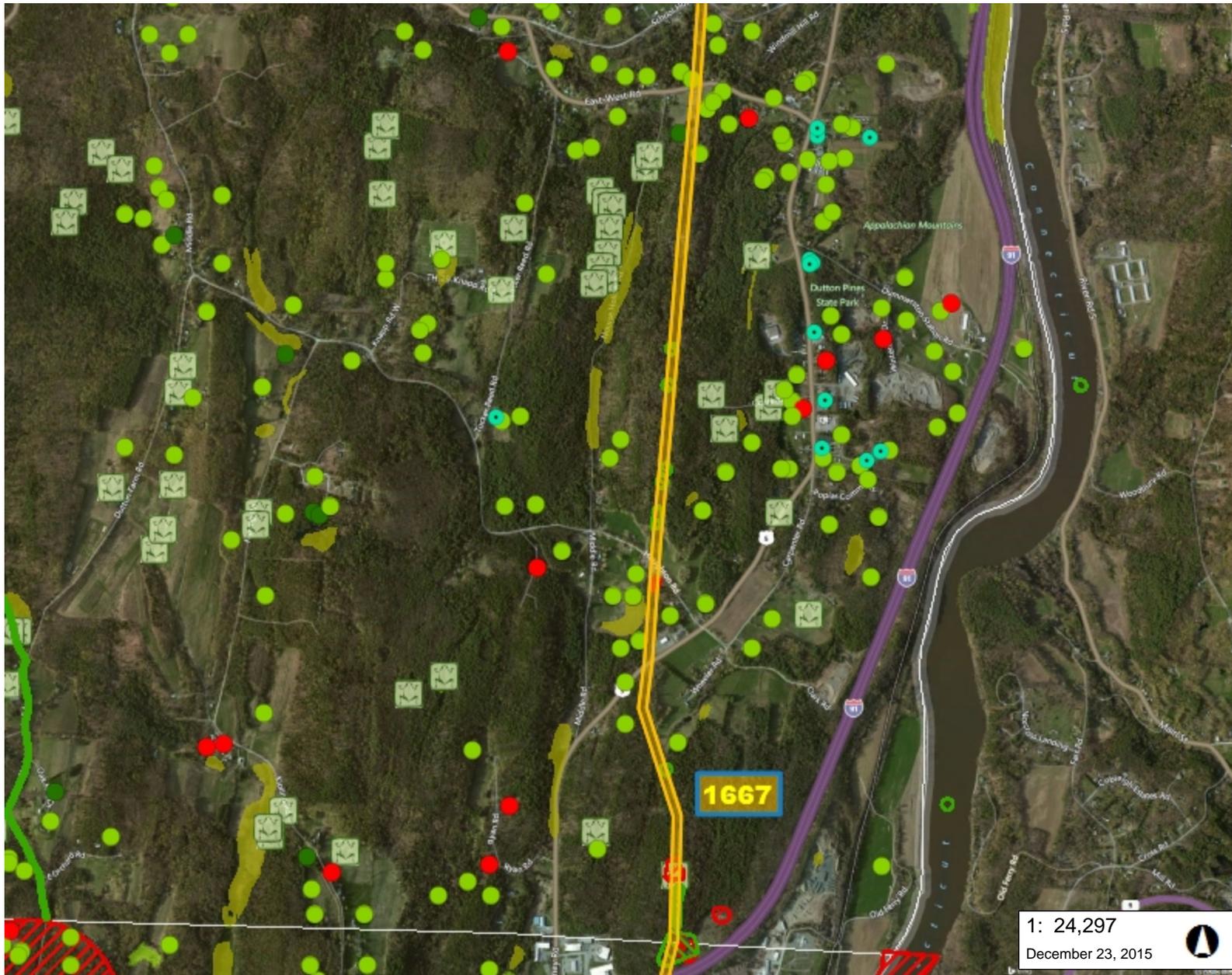
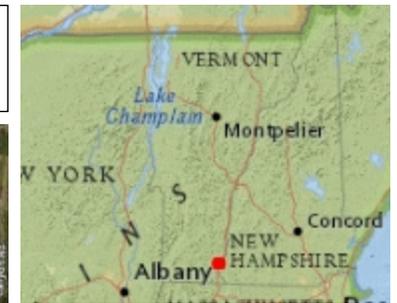
Right-of-Way 1667

- Private Wells
- Public Wells
- Well Buffers
- ▬ Right-of-Way
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Data shown at 1:24,000 scale.

Data collected in 2015.
Mapped in ESRI and
SmallWorld software.





LEGEND

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1: 24,297
December 23, 2015

NOTES

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1,234.0 0 617.00 1,234.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 2025 Ft. 1cm = 243 Meters

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Putney, VT

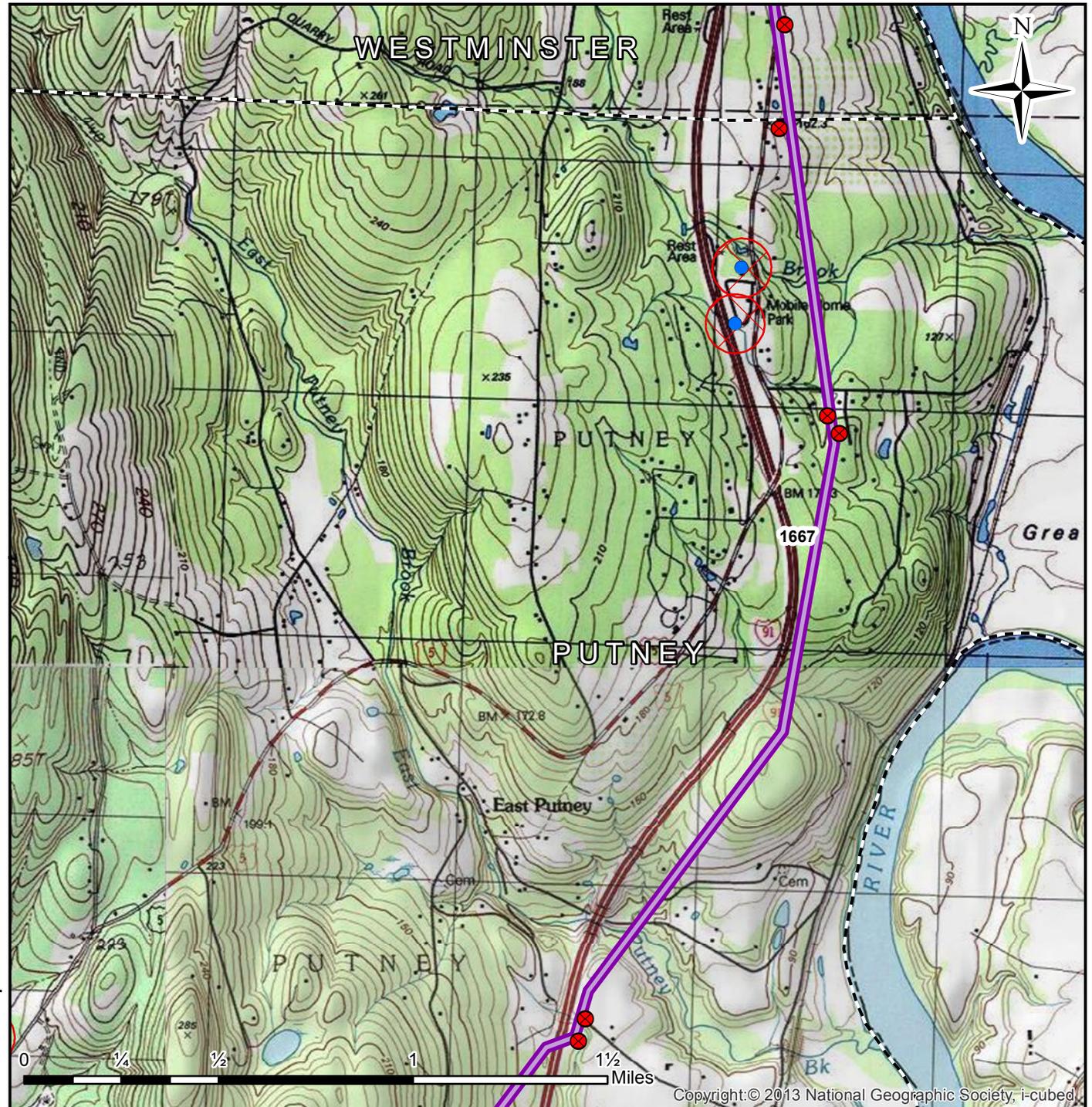
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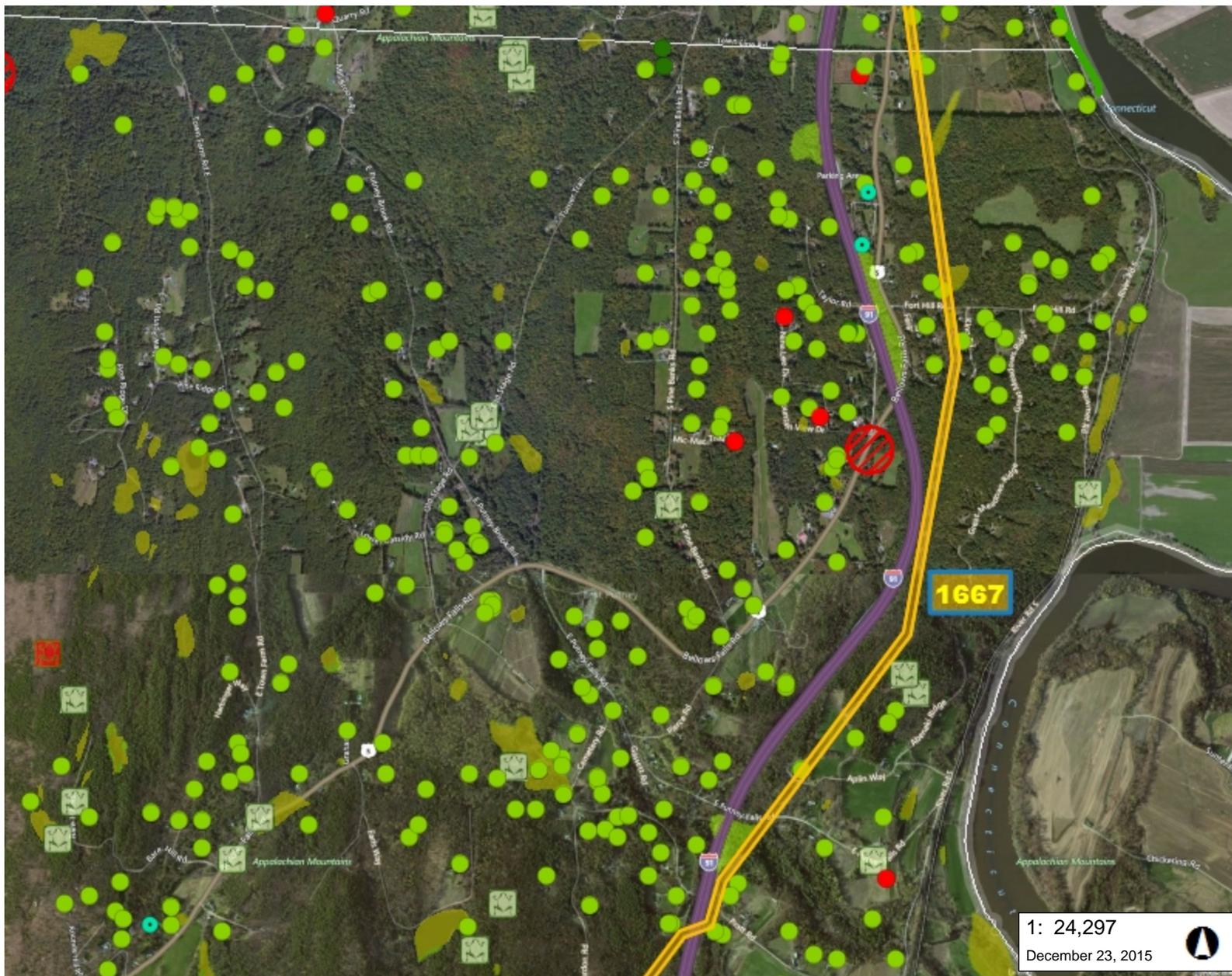
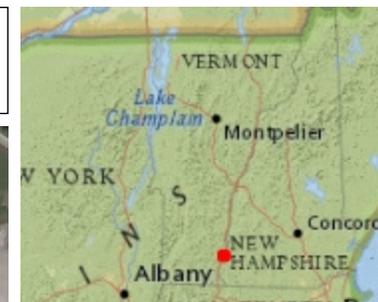
Right-of-Way 1667

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1: 24,297

December 23, 2015



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1,234.0 0 617.00 1,234.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere

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Putney, VT

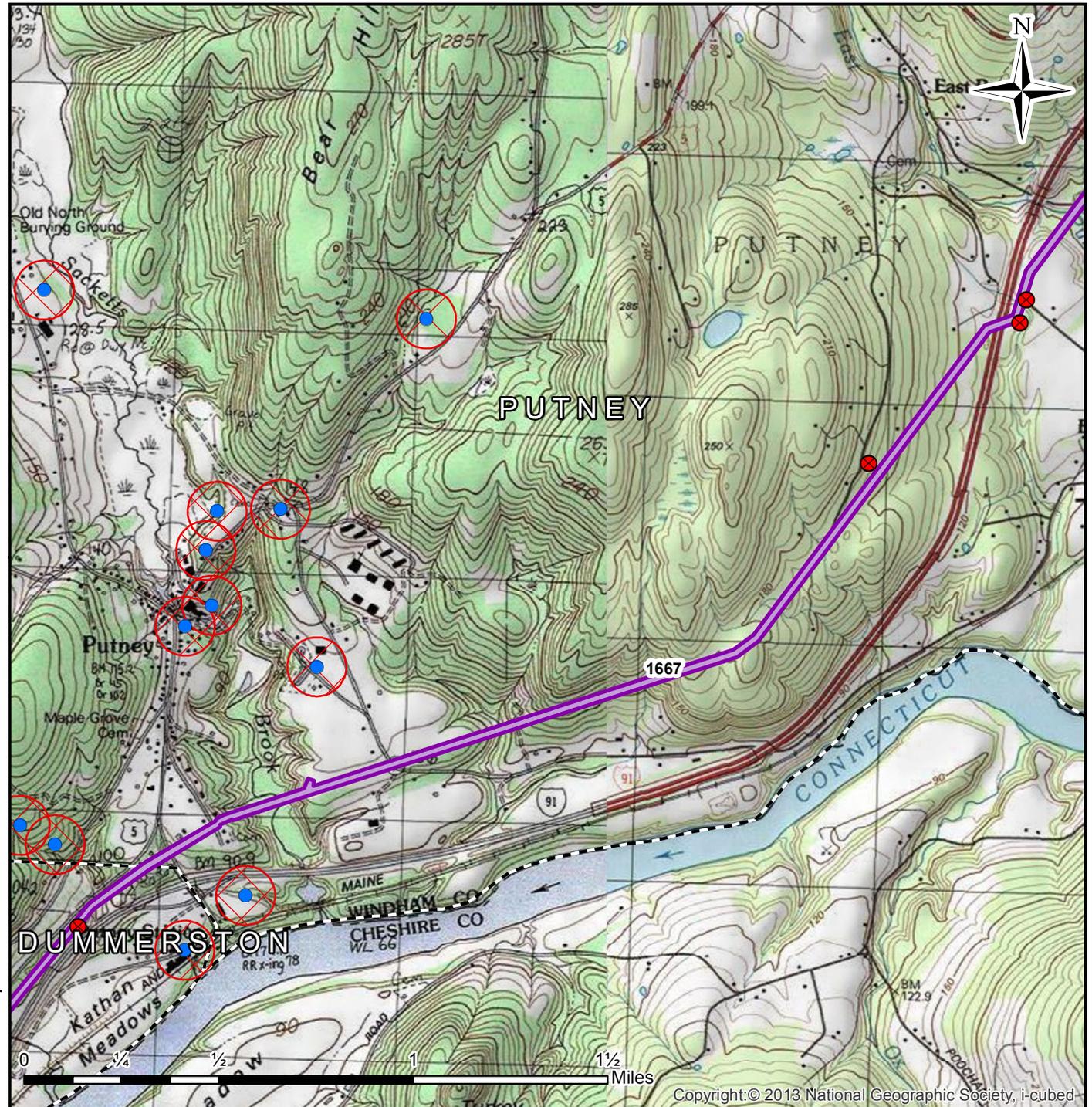
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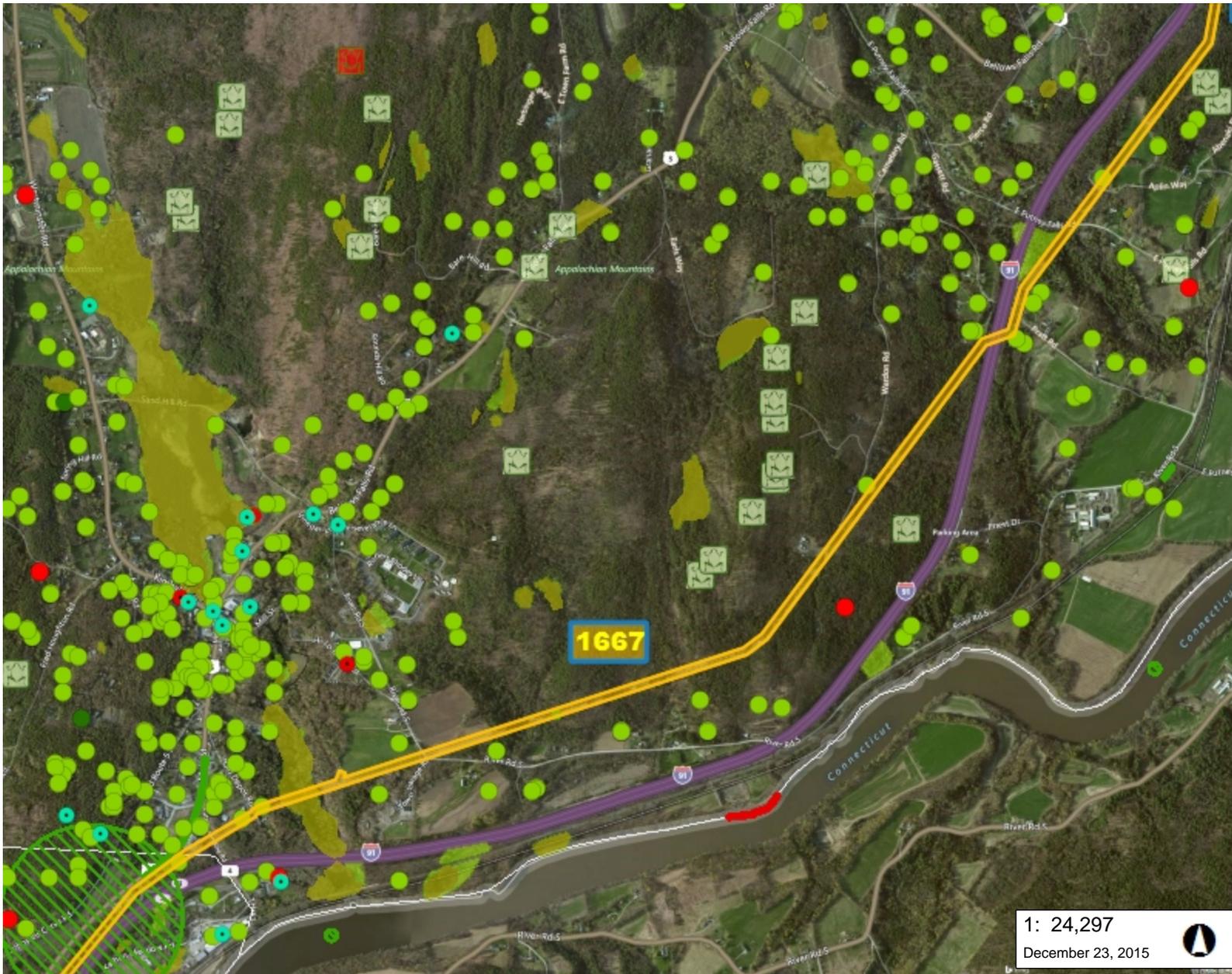
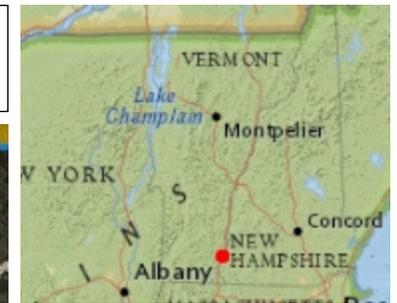
Right-of-Way 1667

- Private Wells
- Public Wells
- ⊠ Well Buffers
- ▬ Right-of-Way
- ⋯ Town Boundary

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1: 24,297
December 23, 2015

NOTES

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1,234.0 0 617.00 1,234.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 2025 Ft. 1cm = 243 Meters

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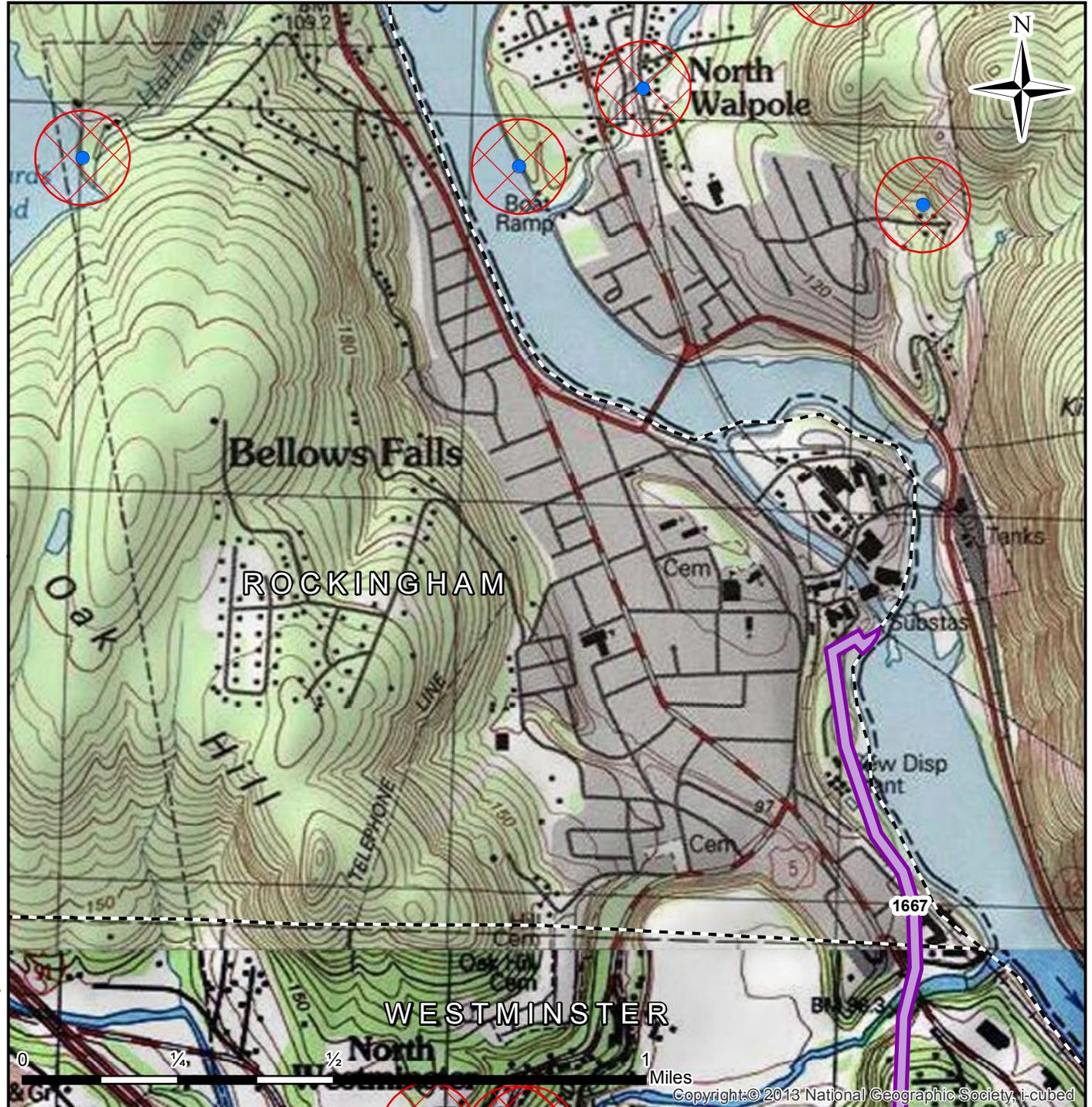
Rockingham,
VT

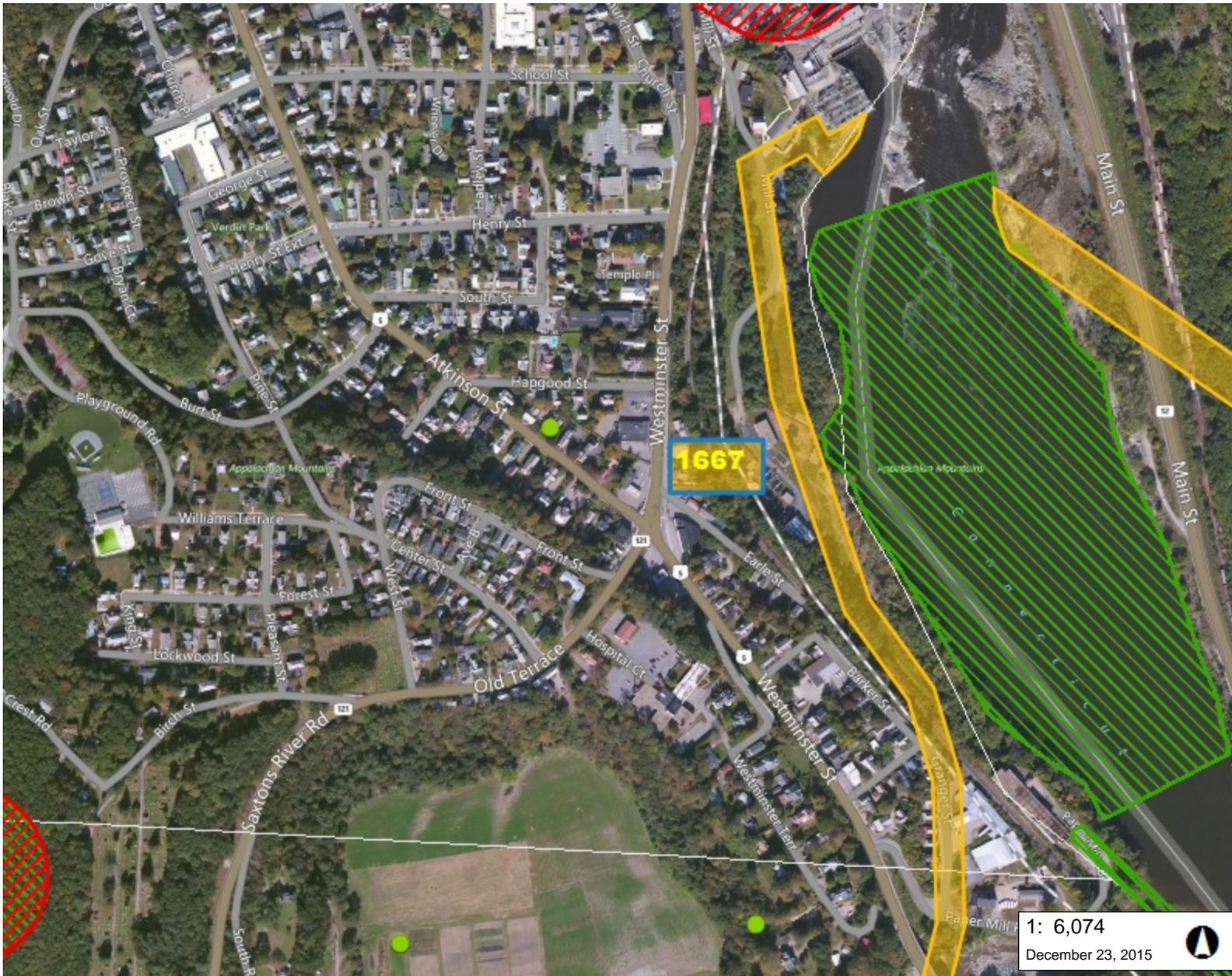
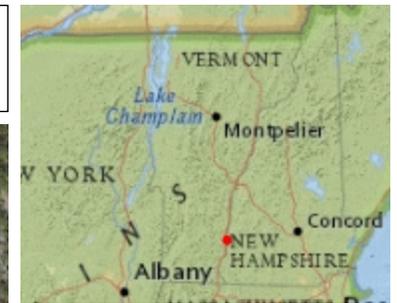
Right-of-Way
1667

- Private Wells
- Public Wells
- Well Buffers
- ▬ Right-of-Way
- ⋯ Town Boundary

Data shown at 1:15,000 scale.

Data collected in 2015.
Mapped in ESRI and
SmallWorld software.





LEGEND

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 - Unknown
- SurfaceWaterSPA**
 - Active
 - Inactive
- Town Boundary

1: 6,074
December 23, 2015

NOTES

Map created using ANR's Natural Resources Atlas. Data collected in 2015.

309.0 0 154.00 309.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 506 Ft. 1cm = 61 Meters

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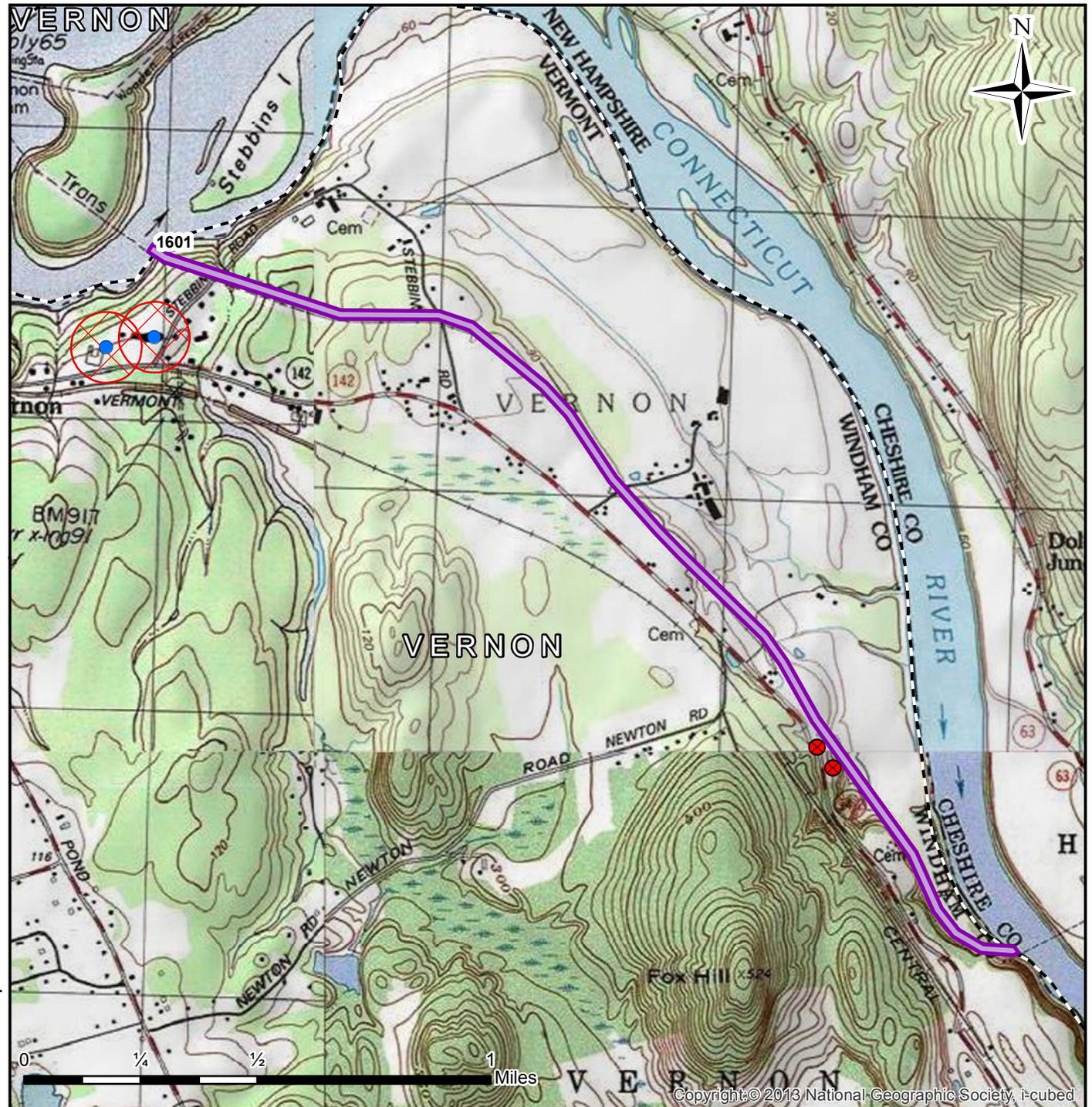
Vernon, VT

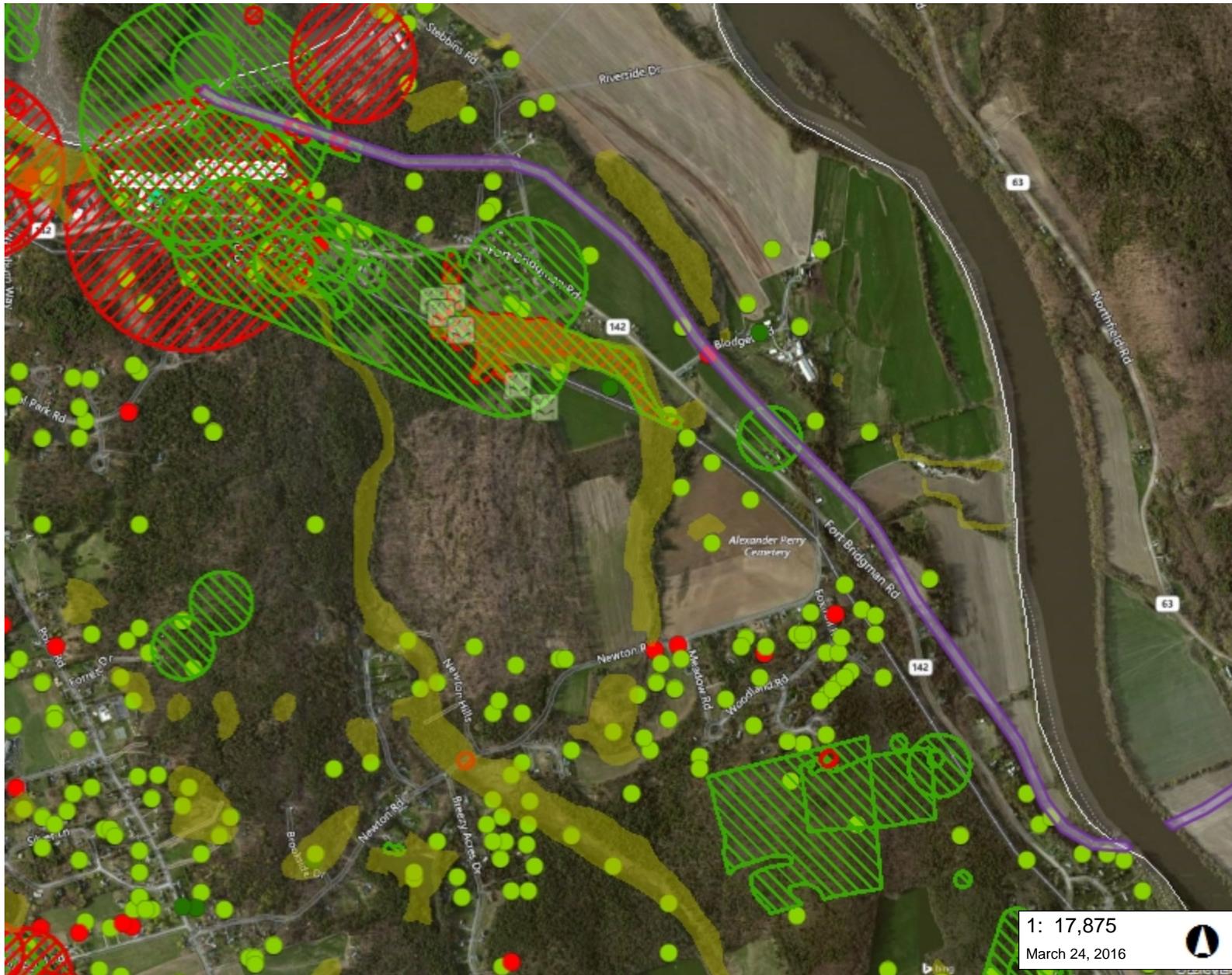
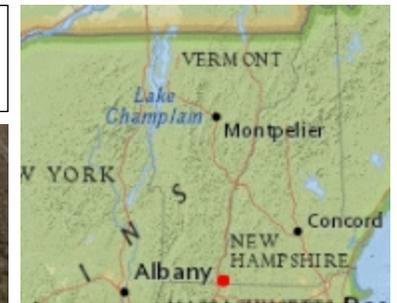
Right-of-Way 1601

- Private Wells
- Public Wells
- Well Buffers
- ▬ Right-of-Way
- ⋯ Town Boundary

Data shown at 1:20,000 scale.

Data collected in 2015.
Mapped in ESRI and
SmallWorld software.





LEGEND

- Vernal Pools Confirmed – AE/
- Vernal Pools Unconfirmed – AI
- Wetlands - VSWI
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- Public Water Sources
 - Active
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 - Inactive
- SurfaceWaterSPA
 - Active
 - Inactive
- Town Boundary

1: 17,875
March 24, 2016

NOTES

Map created using ANR's Natural Resources Atlas. Data collected in 2015.

908.0 0 454.00 908.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 1490 Ft. 1cm = 179 Meters

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Westminster, VT

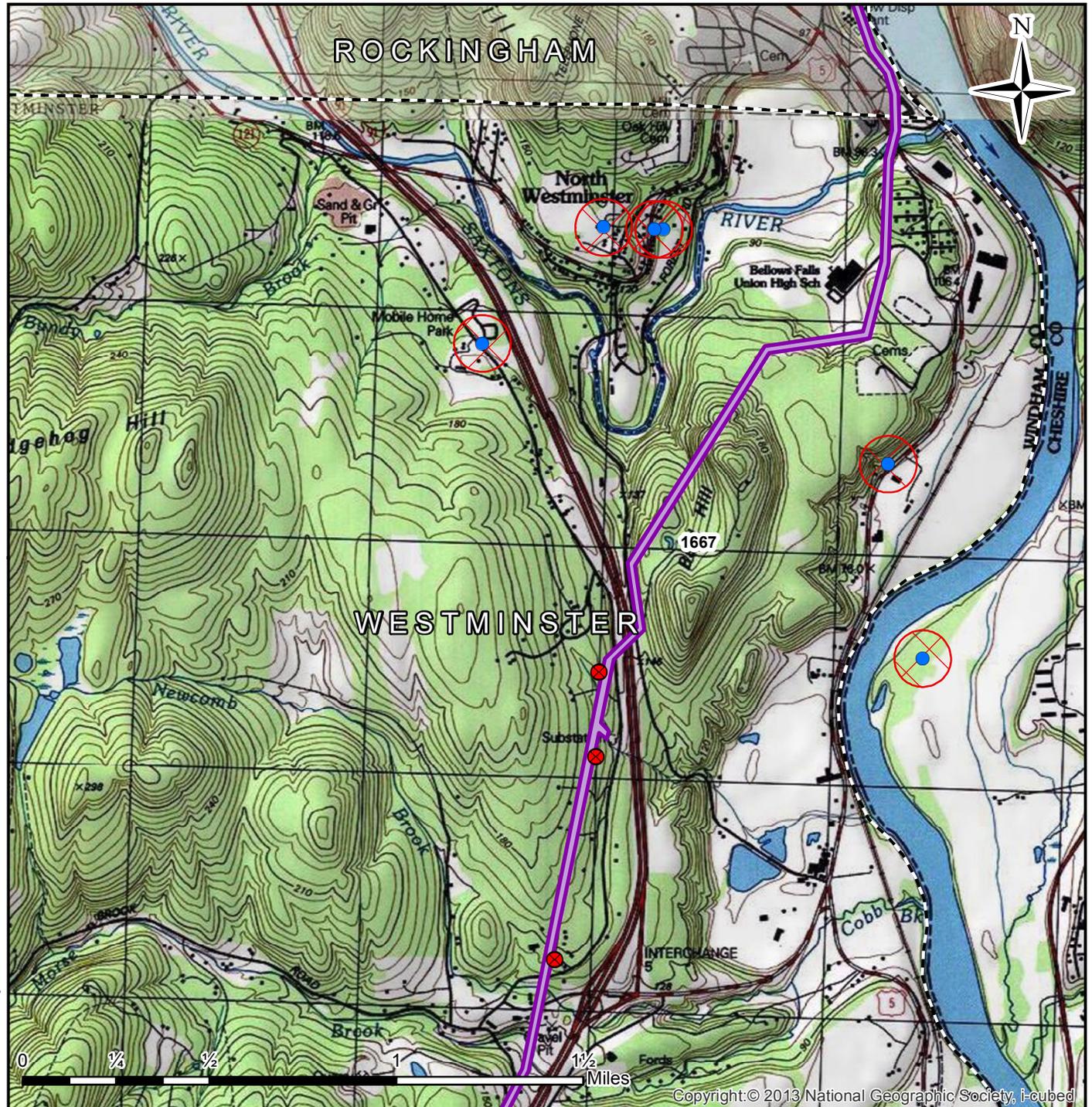
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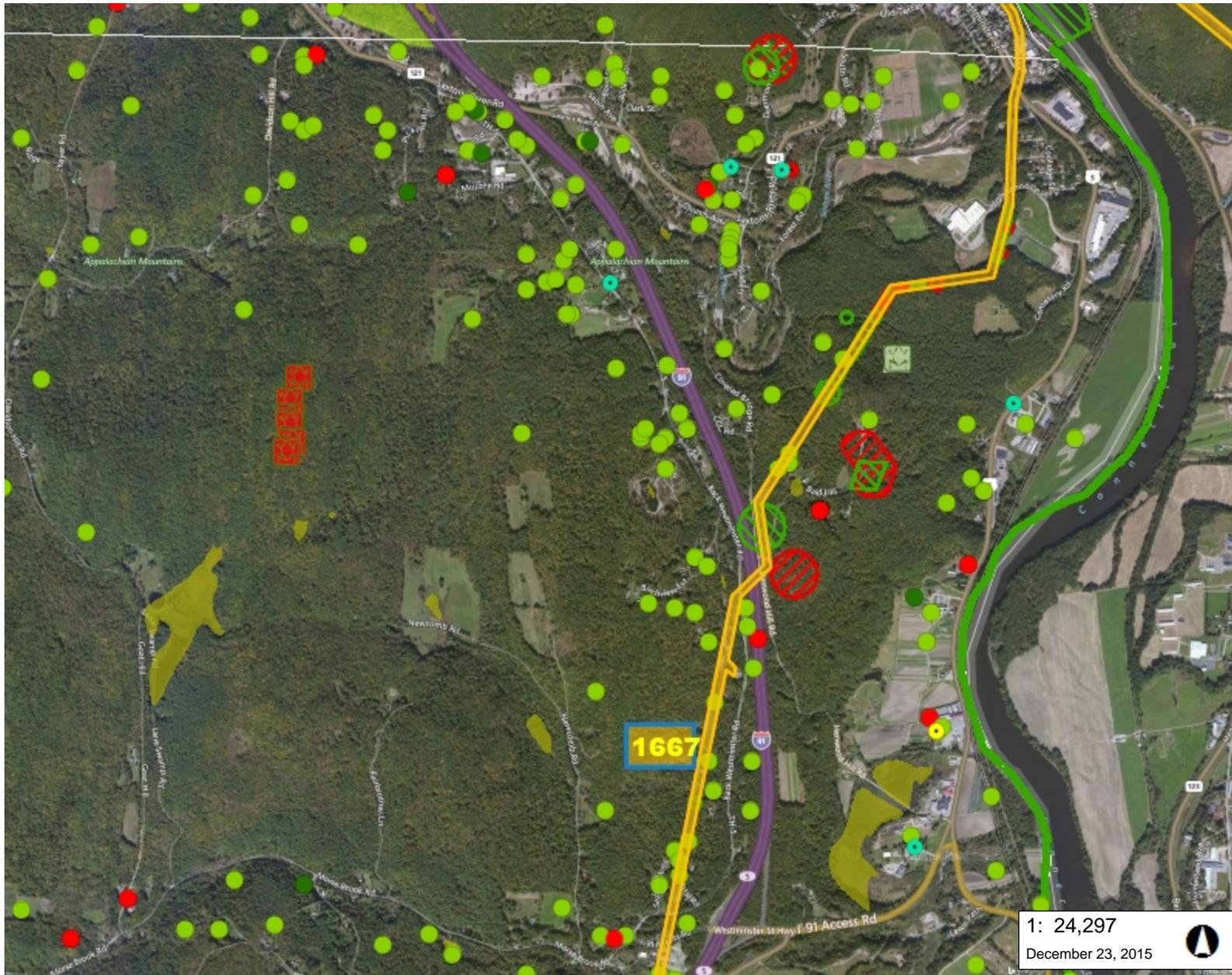
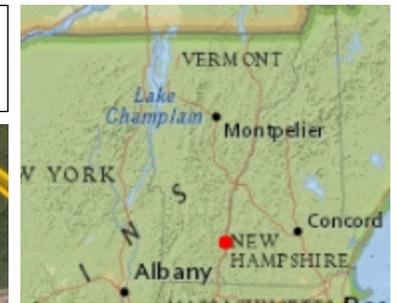
Right-of-Way 1667

- Private Wells
- Public Wells
- Well Buffers
- ▬ Right-of-Way
- ⋯ Town Boundary

Data shown at 1:25,000 scale.

Data collected in 2015.
Mapped in ESRI and
SmallWorld software.





LEGEND

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1: 24,297
December 23, 2015

NOTES

Map created using ANR's Natural Resources Atlas. Data collected in 2015.

1,234.0 0 617.00 1,234.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 2025 Ft. 1cm = 243 Meters

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Westminster,
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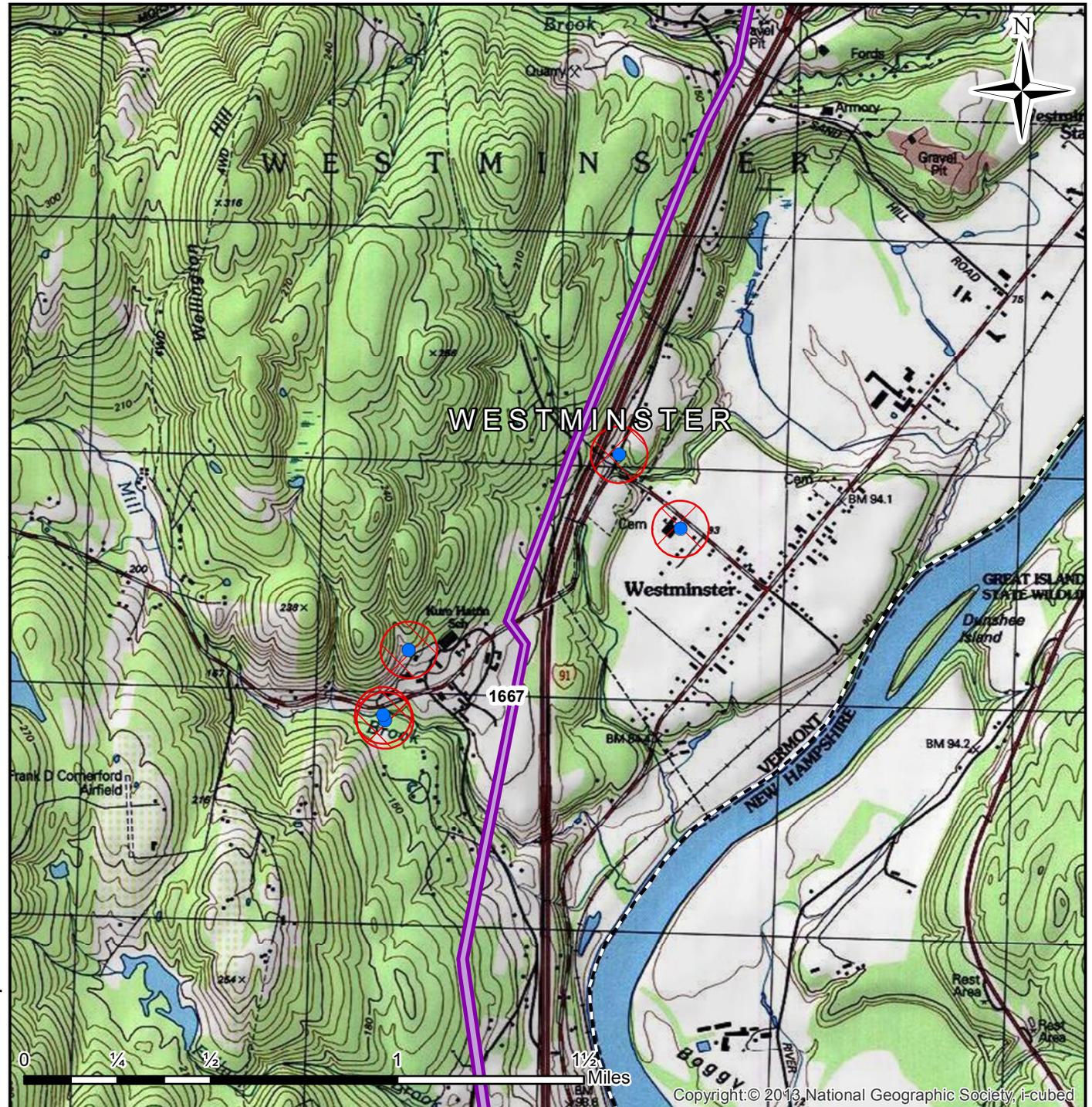
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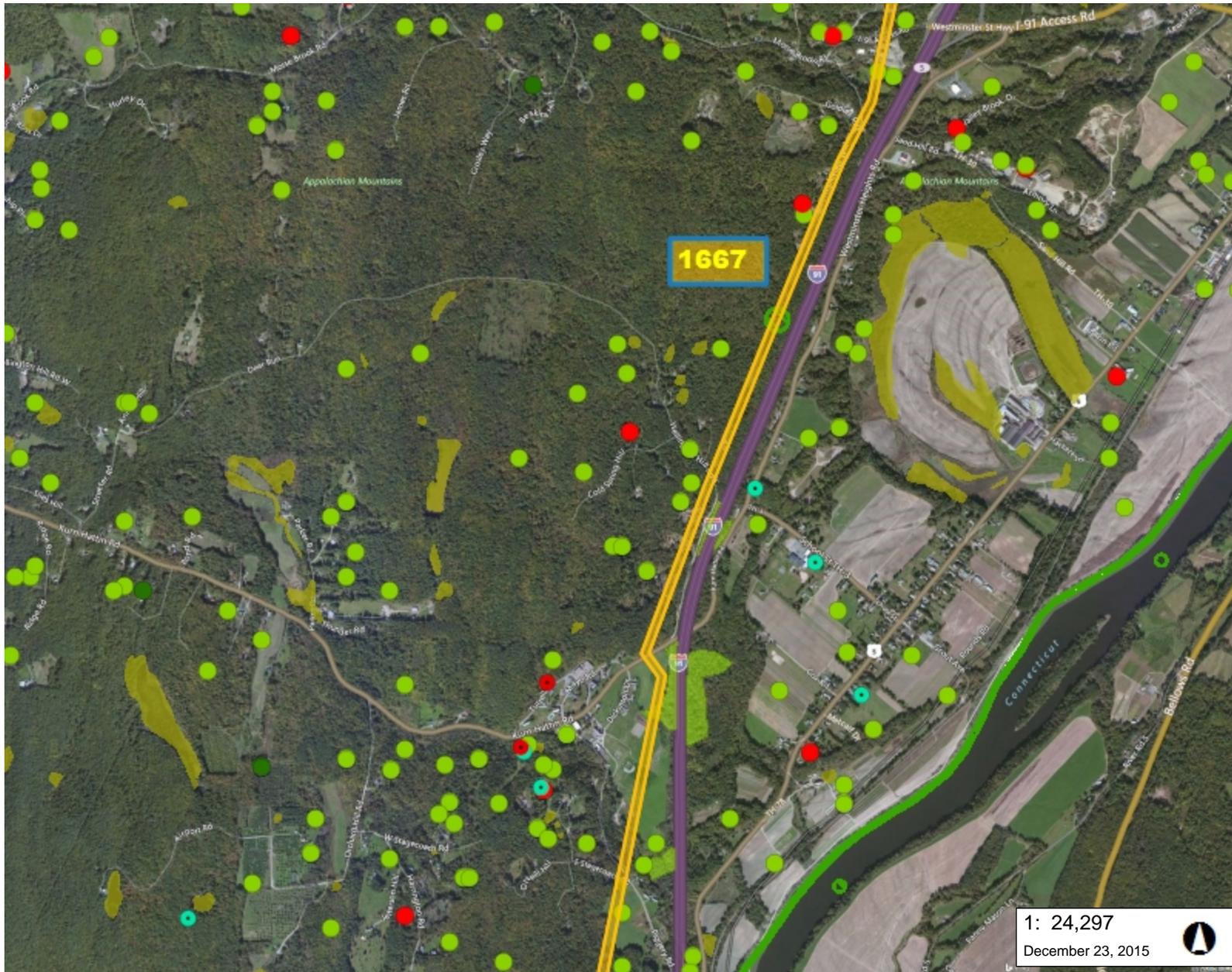
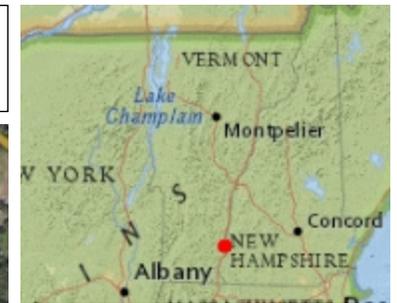
Right-of-Way
1667

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1667

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NOTES

Map created using ANR's Natural Resources Atlas. Data collected in 2015.

1,234.0 0 617.00 1,234.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 2025 Ft. 1cm = 243 Meters
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Westminster,
VT

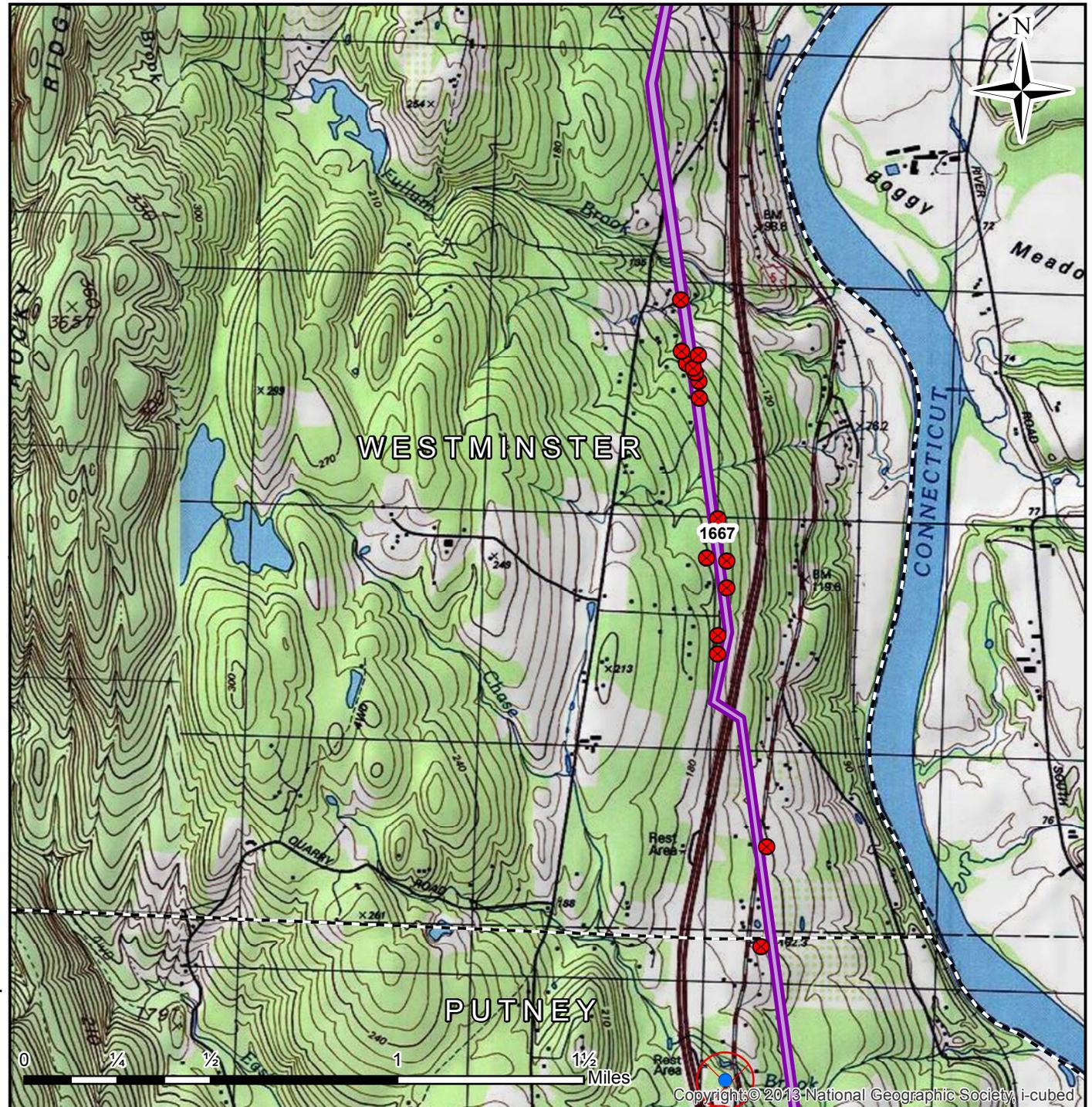
page 3 of 3

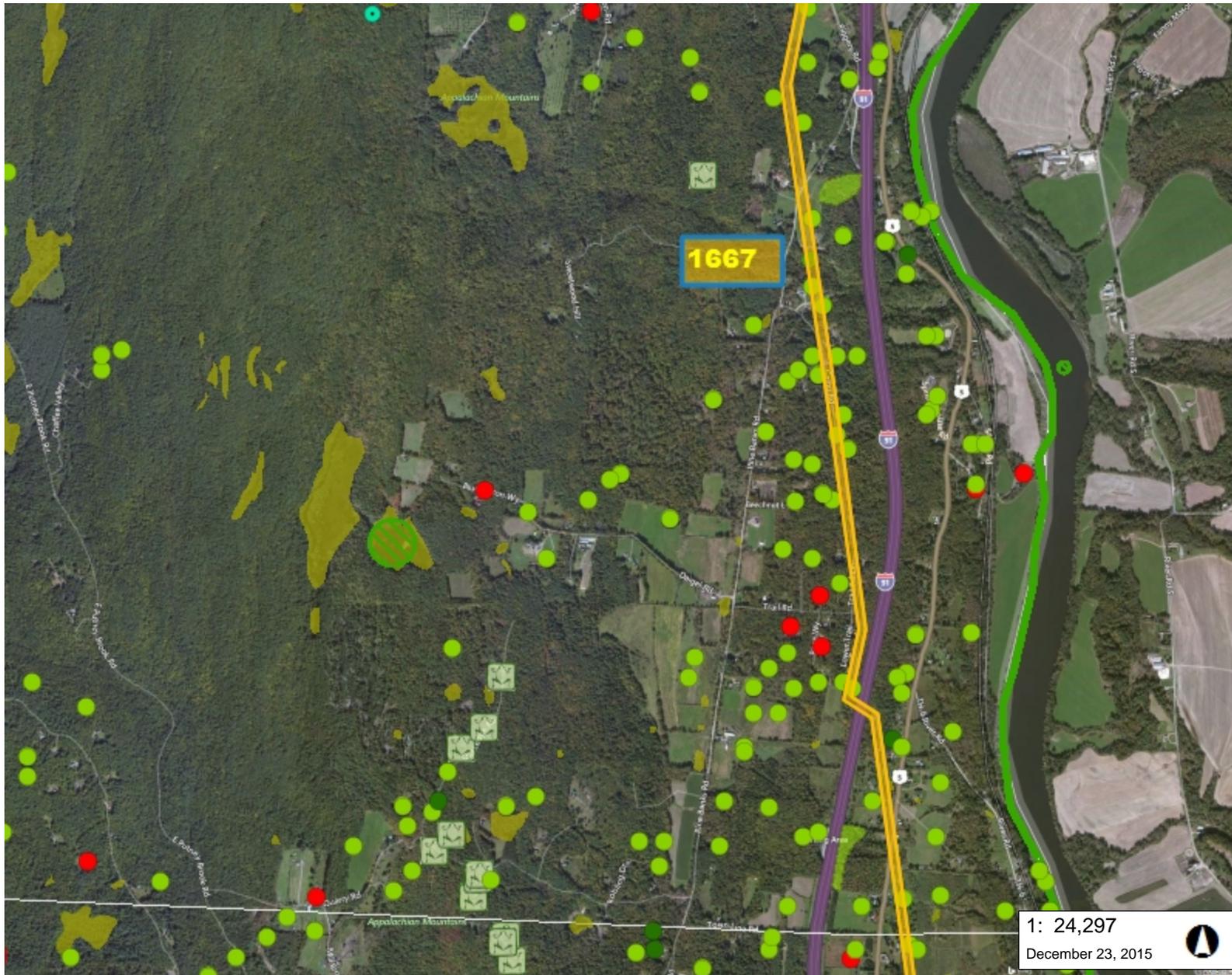
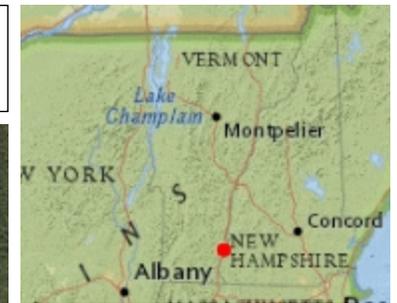
Right-of-Way
1667

- Private Wells
- Public Wells
- Well Buffers
- ▬ Right-of-Way
- ⋯ Town Boundary

Data shown at 1:25,000 scale.

Data collected in 2015.
Mapped in ESRI and
SmallWorld software.





LEGEND

- Vernal Pools Confirmed – AE/A
- Vernal Pools Unconfirmed – AI
- Wetlands - VSWI**
- Class 1 Wetland
- Class 2 Wetland
- Wetlands Advisory Layer
- Rare Threatened Endangered**
- Threatened or Endangered
- Rare
- Public Water Sources**
- Active
- Proposed
- Inactive
- Private Wells**
- GPS Location
- screen digitized
- E911 Address
- Welldriller/Clarion
- Unknown
- SurfaceWaterSPA**
- Active
- Inactive
- Town Boundary

1: 24,297
December 23, 2015



NOTES

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1,234.0 0 617.00 1,234.0 Meters

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