



DOE/EIS-0503

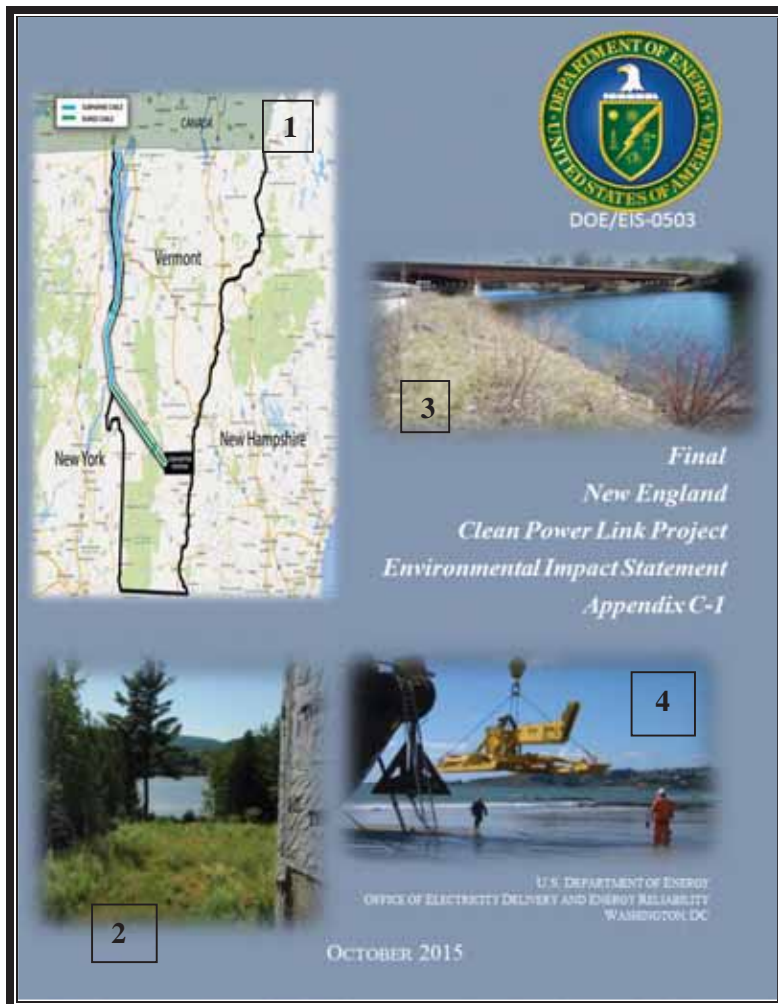


*Final  
New England  
Clean Power Link Project  
Environmental Impact Statement  
Appendix C-1*



U.S. DEPARTMENT OF ENERGY  
OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY  
WASHINGTON, DC

OCTOBER 2015



#### Cover Photo Credits

1. TDI-NE

(<http://wamc/files/styles/default/public/201410/new-england-clean-power-link-map-ctsy-tdi-new-england.jpg> alt="">)

2. NECPL exit from Lake Champlain (Benson, Vermont) courtesy of TDI-NE
3. Lake Bomoseen, Fair Haven, Vermont courtesy of TDI-NE
4. TDI-NE 2014a

**FINAL**

**NEW ENGLAND CLEAN POWER LINK PROJECT  
ENVIRONMENTAL IMPACT STATEMENT**

**DOE/EIS-0503**

**VOLUME II: APPENDICES**

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**U.S. DEPARTMENT OF ENERGY  
OFFICE OF ELECTRICITY DELIVERY  
AND ENERGY RELIABILITY**



**COOPERATING AGENCIES**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
U.S. ARMY CORPS OF ENGINEERS  
U.S. COAST GUARD**

**OCTOBER 2015**

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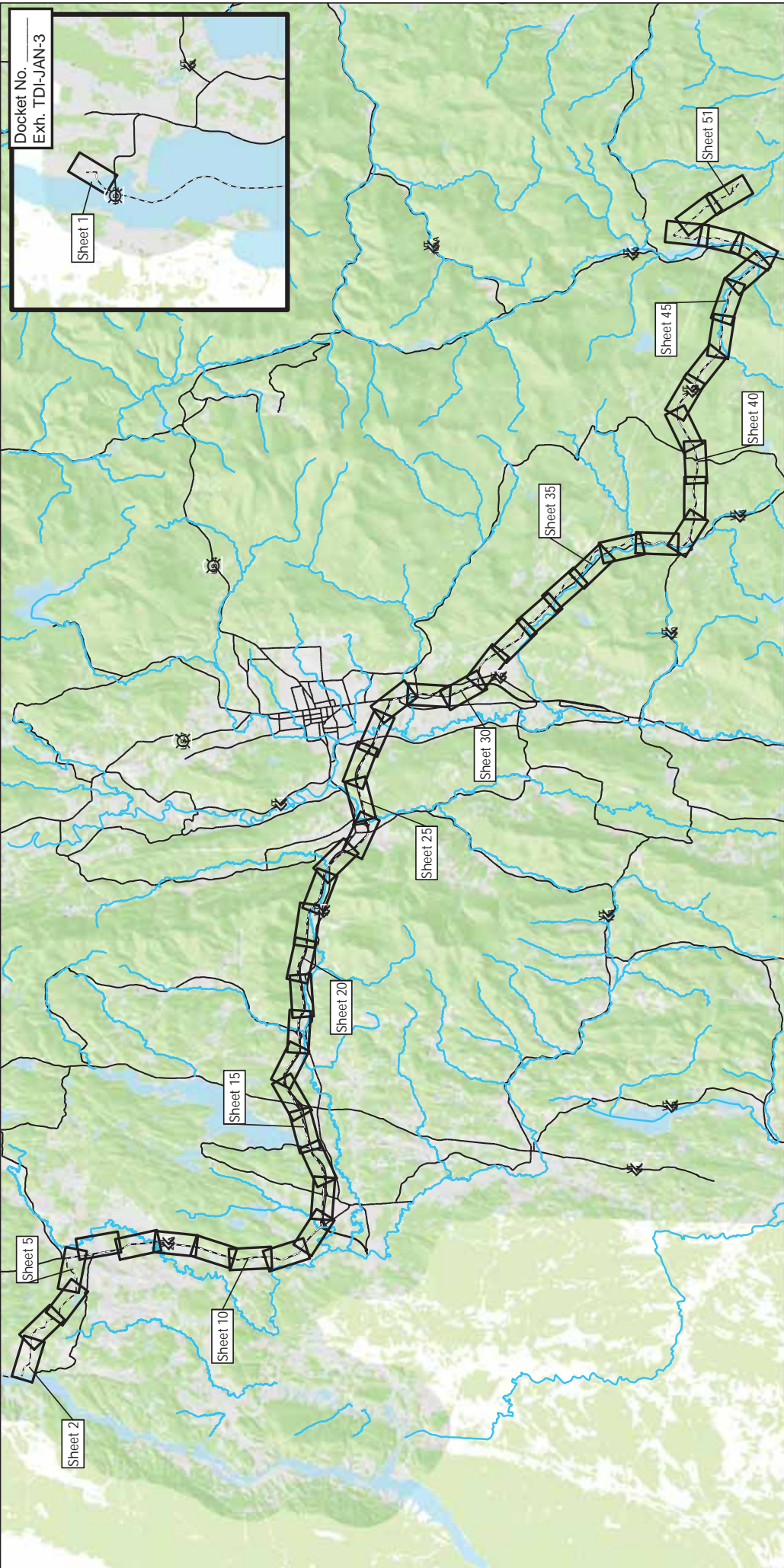
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# **APPENDIX C NECPL PROJECT TRANSMISSION SYSTEM DETAILED MAPS**

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Docket No.  
Exh. TDI-JAN-3

**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

Natural Resource Map Series Index

December 2, 2014

**E**

- NECPL Proposed Alignment (TRC)
- Roads
- Streams (VHD)
- Sheet Outline
- Waterbody (VHD)
- Town Boundary (VCGI)
- County Boundary (VCGI)

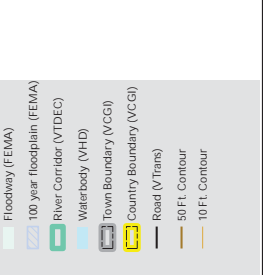


Sources: Land Use Land Cover & Hillshade; provided by VCGI (2002); Statewide datasets provided by VCGI; Roads by VTtrans (2013); NRCS Soils by NRCS (2008); Streams & Waterbodies by VHD (2010); County and town boundaries by VCGI (2012); Provided by TRC: Conceptual Project Alignment (2014)

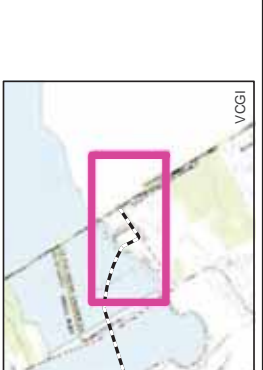




**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
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- |                            |                               |  |  |
|----------------------------|-------------------------------|--|--|
| Floodway (FEMA)            | NHI Element Occurrence (VTFW) | Proposed Class II Wetland (TRC/VHB)        | NECP/Proposed Overland Alignment (TRC) |
| 100 year floodplain (FEMA) | RTEs                          | Proposed Class III Wetland (TRC/VHB)       | Horizontal Directional Drilling (HDD)  |
| River Corridor (VTDEC)     | Significant Natural Community | Proposed 50' Class II Wetland Buffer (VHB) | Jack and Bore                          |
| Waterbody (VHD)            | Bear Crossing (VTFW)          | Approximate Stream (TRC/VHB)               | Terrestrial Cable (Trenching)          |
| Town Boundary (VCGI)       | Bear Feeding (VTFW)           | Delineated Stream (TRC/VHB)                | Project Parcel                         |
| Country Boundary (VCGI)    | Deer Wintering Area (ANR)     | RTE Plants (AE)                            | Parcel Boundary                        |
| Road (VTrans)              | VSWI Wetland (ANR)            | Natural Resource Buffer (VHB)              | Study Area                             |
| 50 FT. Contour             | Named VHD Stream (VCGI)       | Potential Bat Tree (AE)                    | Approximate Study Area                 |
| 10 FT. Contour             | Unnamed VHD Stream (VCGI)     | Natural Community (AE)                     | Sheet Outline                          |
|                            | Deer Wintering Area (AE)      | Uncommon (S3) Plants (AE)                  |  |
|                            | Deer Wintering Area (AE)      | Deer Wintering Area (AE)                   |  |

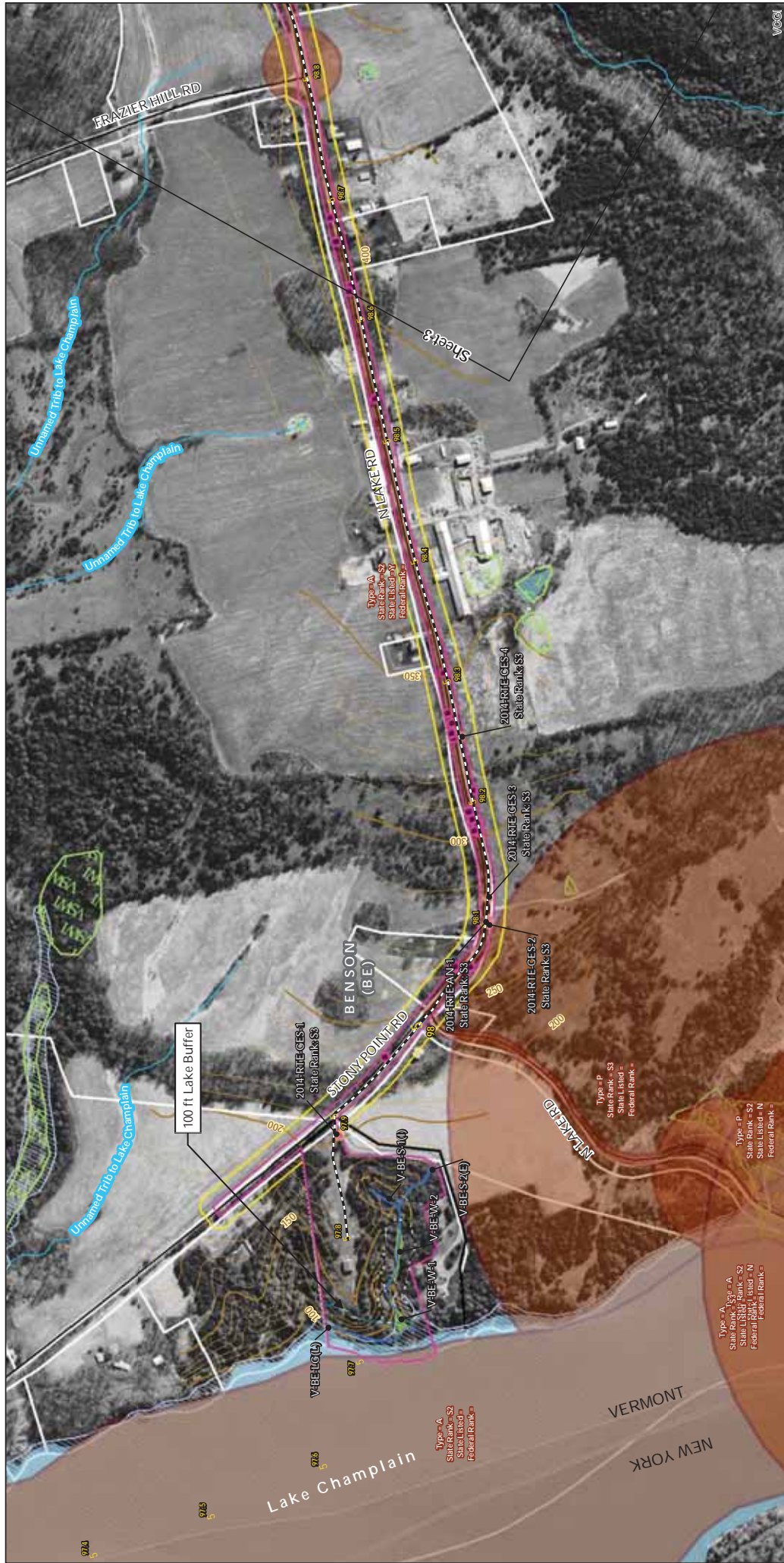


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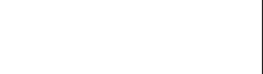
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**OTRC**

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Type - C  
State Rank - S1  
State Listed - N/A  
State Rank - S1  
Federal Rank - S2  
Federal Rank - S2



**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
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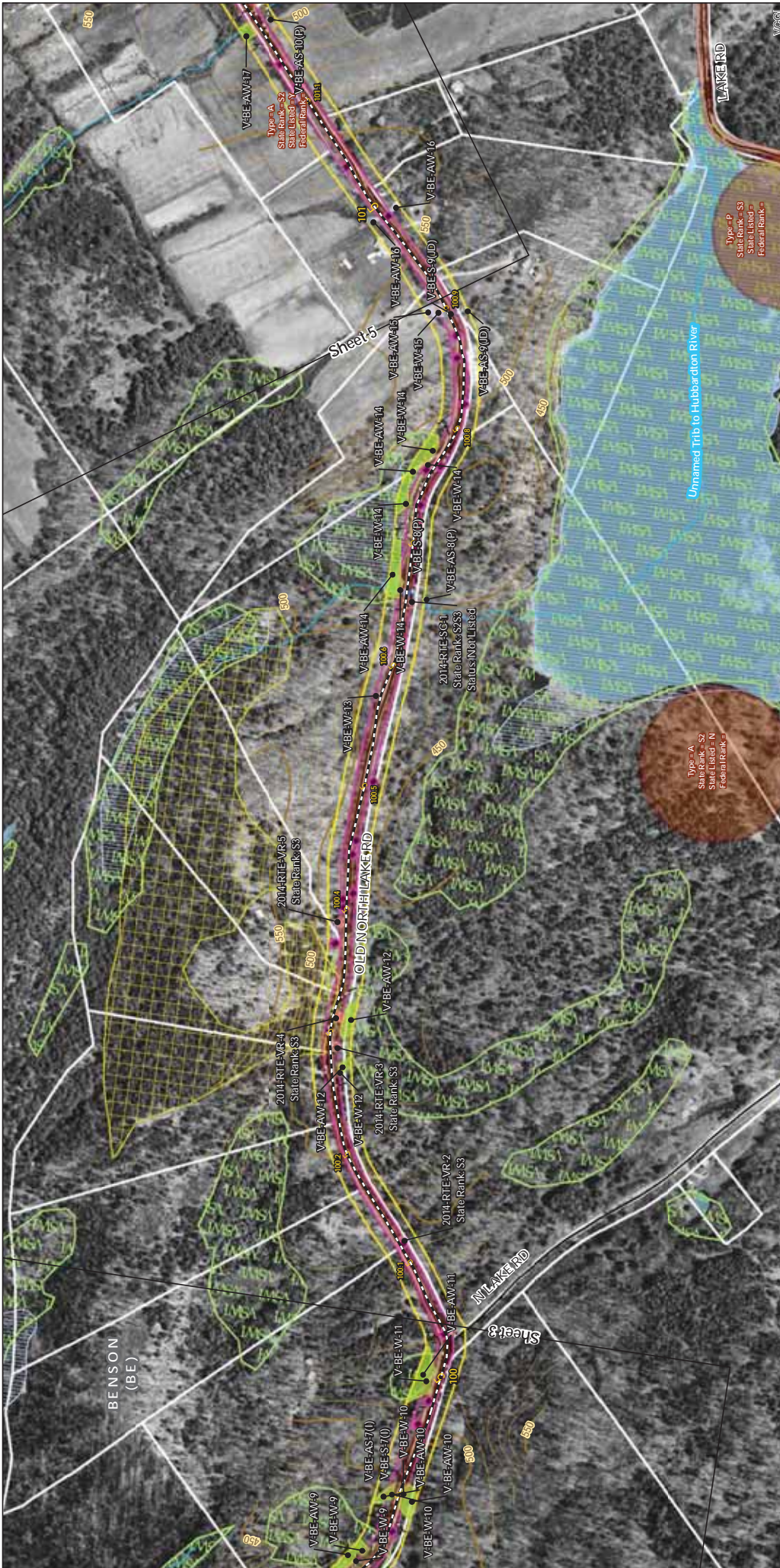
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|--|----------------------------|--|--------------------------------------|
|  | Floodway (FEMA)            |  | NHI Element Occurrence (VTFW)        |
|  | 100 year floodplain (FEMA) |  | Significant Natural Community (RTES) |
|  | River Corridor (VTDEC)     |  | Bear Crossing (VTFW)                 |
|  | Waterbody (VHD)            |  | Bear Feeding (VTFW)                  |
|  | Town Boundary (VCGI)       |  | Deer Wintering Area (ANR)            |
|  | Country Boundary (VCGI)    |  | VSWI Wetland (ANR)                   |
|  | Road (VTrans)              |  | Named VHD Stream (VCGI)              |
|  | 50 Ft. Contour             |  | Unnamed VHD Stream (VCGI)            |
|  | 10 Ft. Contour             |  | Deer Wintering Area (AE)             |

- |  |  |  |   |
|--|--|--|---|
|  | Proposed Class II Wetland (TRC/VHB)        |  | NECPL Proposed Overland Alignment (TRC) |
|  | Proposed Class III Wetland (TRC/VHB)       |  | Jack and Bore                           |
|  | Proposed 50' Class II Wetland Buffer (VHB) |  | Horizontal Directional Drilling (HDD)   |
|  | Approximate Stream (TRC/VHB)               |  | Terrestrial Cable (Trenching)           |
|  | Delineated Stream (TRC/VHB)                |  | Project Parcel                          |
|  | RTE Plants (AE)                            |  | Parcel Boundary                         |
|  | Natural Resource Buffer (VHB)              |  | Study Area                              |
|  | Potential Bat Tree (AE)                    |  | Approximate Study Area                  |
|  | Natural Community (AE)                     |  | Sheet Outline                           |
|  | Uncommon (S3) Plants (AE)                  |  |   |
|  | Deer Wintering Area (AE)                   |  |   |

Sources Background provided by VCGI (2007-2013) provided by VCGI, Roadway Vires (2017), NRCS State by NRCS (2008-2013), Bear Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding Data by VT Department of Fishery and Wildlife Management (2014), Vermont Conservation Project Agreement (2014), Vires (2009-2014), Parcel Boundaries (2009-2013), 100 year Flood & Floodway compiled by TRC from FEMA (2011), Wetland & Stream Delineations by TRC & Vires (2011), 100 year Flood & Floodway compiled by TRC & Vires (2011), Wetland & Stream Delineations by TRC & Vires (2011), 100 year Flood & Floodway compiled by TRC & Vires (2011).

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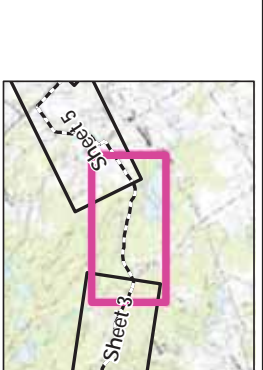
**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
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December 2, 2014

- Floodway (FEMA)
- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Read (VTrans)
- 50 FT. Contour
- 10 FT. Contour

- NHI Element Occurrence (VTRW)
- RTES
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

- Proposed Class II Wetland (TRC/VHB)
- Proposed Class III Wetland (TRC/VHB)
- Proposed 50' Class II Wetland Buffer (VHB)
- Approximate Stream (TRC/VHB)
- Delimited Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

- NECPL Proposed Overland Alignment (TRC)
- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Torrestrial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline



Sources: Background provided by VCGI (2007-2013); provided by VCGI; Roadway VTrans (2007); NRCS State by NRCS (2008); 2013); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery and Wildlife (2014); VTrans (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & assessors compiled by Arrowwood Environmental (2014); Roadway Corridors provided by VTDEC (2014).

**vhb**  
**OTRC**

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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
Sheet Number 5 of 51  
December 2, 2014

- Floodway (FEMA)
- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Road (VTrans)
- 50 Ft. Contour
- 10 Ft. Contour

- NHI Element Occurrence (VTFW)
- RTES
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Feeding Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

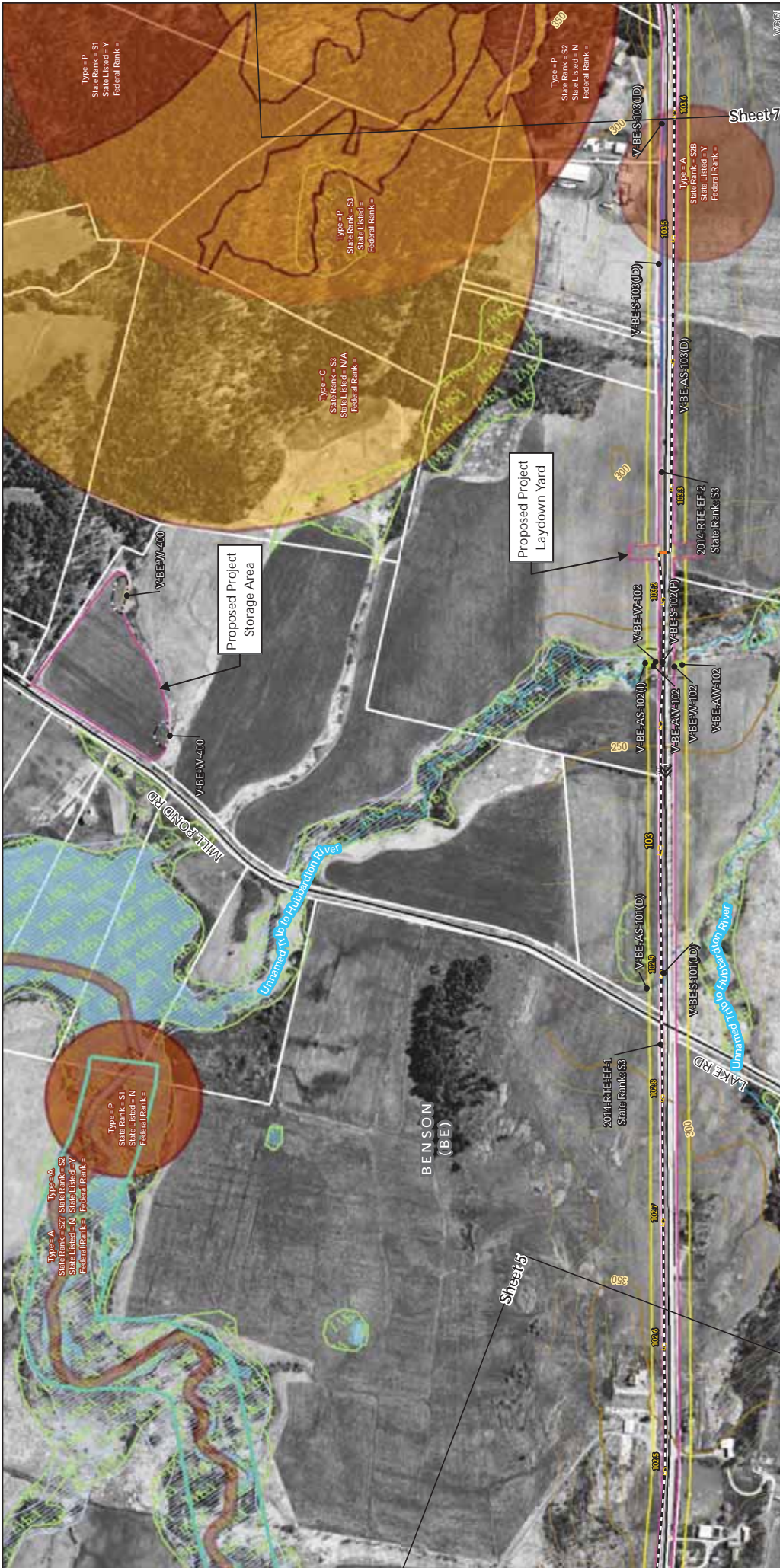
- Proposed Class II Wetland (TRC/VHB)
- Proposed Class III Wetland (TRC/VHB)
- Proposed 50' Class II Wetland Buffer (VHB)
- Approximate Stream (TRC/VHB)
- Delineated Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

- NECPL Proposed Overland Alignment (TRC)
- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Territorial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline



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Corridors provided by VTDEC (2011).

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### TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT

#### Natural Resource Map Series Sheet Number 6 of 51 December 2, 2014

**NECPL Proposed Overland Alignment (TRC)**

- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Terrrestrial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline

**NHI Element Occurrence (VTFW)**

- 2014 RTEEF-2
- 2014 RTEEF-1
- 2014 RTEEF-3
- 2014 RTEEF-4
- 2014 RTEEF-5
- 2014 RTEEF-6
- 2014 RTEEF-7
- 2014 RTEEF-8
- 2014 RTEEF-9
- 2014 RTEEF-10
- 2014 RTEEF-11
- 2014 RTEEF-12
- 2014 RTEEF-13
- 2014 RTEEF-14
- 2014 RTEEF-15
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- 2014 RTEEF-19
- 2014 RTEEF-20
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- 2014 RTEEF-22
- 2014 RTEEF-23
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- 2014 RTEEF-95
- 2014 RTEEF-96
- 2014 RTEEF-97
- 2014 RTEEF-98
- 2014 RTEEF-99
- 2014 RTEEF-100

**NECPL Proposed Overland Alignment (TRC)**

- Proposed Class II Wetland (TRC/VHB)
- Proposed Class III Wetland (TRC/VHB)
- Proposed 50' Class II Wetland Buffer (VHB)
- Approximate Stream (TRC/VHB)
- Delineated Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**NHI Element Occurrence (VTFW)**

- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

**Floodway (FEMA)**

- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Road (VTrans)
- 50 FT. Contour
- 10 FT. Contour

**Other Features**

- Proposed Project Storage Area
- Proposed Project Laydown Yard
- Unnamed Tributary Hubbardston River
- Hubbardston River
- MTL Boundary
- Benson (BE)
- Lake Rd

**Legend**

- Type = A, State Rank = S3, Federal Rank = Y
- Type = P, State Rank = S1, Federal Rank = Y
- Type = C, State Rank = S3, Federal Rank = N/A
- Type = P, State Rank = S2, Federal Rank = N
- Type = P, State Rank = S1, Federal Rank = Y

**Scale**

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**Map Series**

Sheet 5, Sheet 6, Sheet 7

**Metadata**

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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

**Natural Resource Map Series**  
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Scale: 1" = 400 Feet

- NHI Element Occurrence (VTRW)**
- Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
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  - Terrrestrial Cable (Trenching)
  - Project Parcel
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  - Study Area
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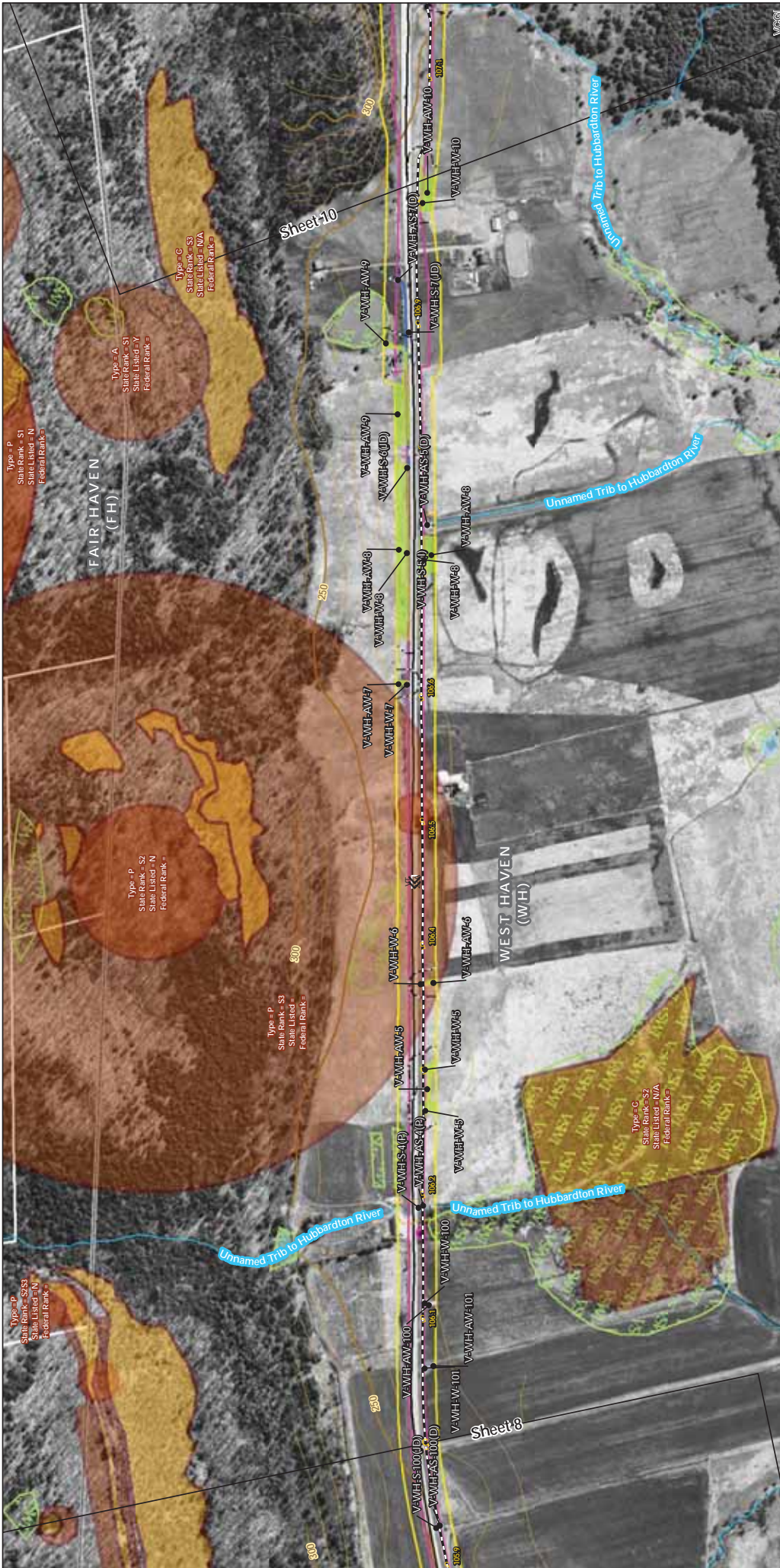
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Vhb  
VTRC







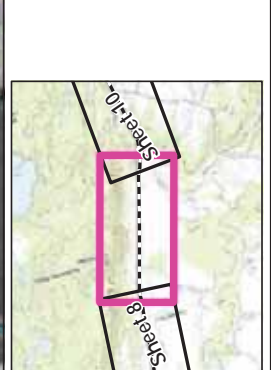
**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
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Natural Resource Map Series  
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- 100 year floodplain (FEMA)
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- Country Boundary (VCGI)
- Road (VTrans)
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- 10 Ft. Contour

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**vhb**  
**QTRC**

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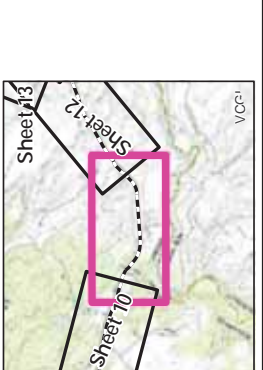


**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
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Natural Resource Map Series  
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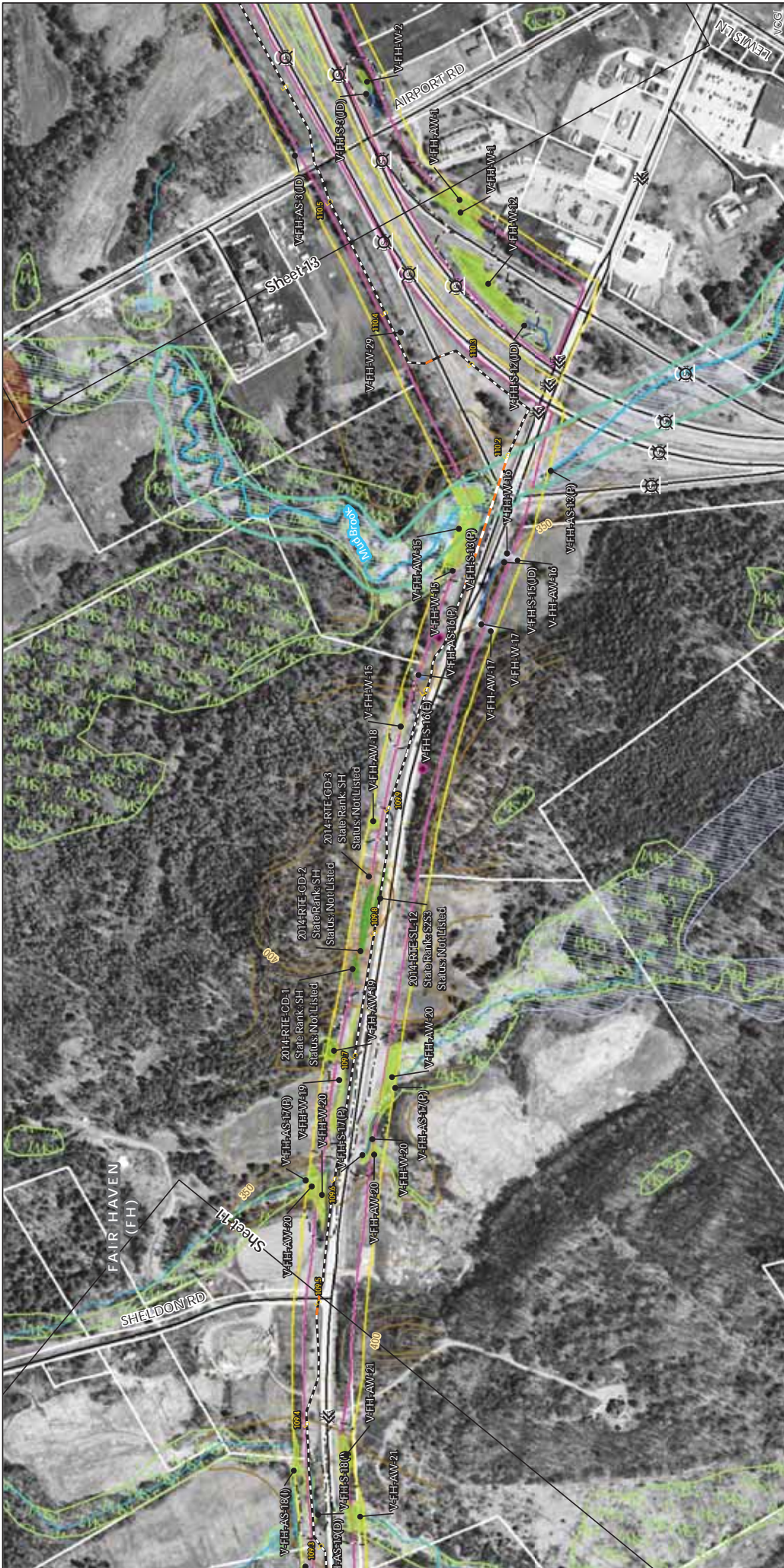
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NECPL Proposed Overland Alignment (TRC)	NECPL Element Occurrence (VTFW)	NHI Element Occurrence (VTFW)	Floodway (FEMA)
Proposed Class II Wetland (TRC/VHB)	Significant Natural Community	Significant Natural Community	100 year floodplain (FEMA)
Proposed Class III Wetland (TRC/VHB)	Bear Crossing (VTFW)	Bear Crossing (VTFW)	River Corridor (VTDEC)
Horizontal Directional Drilling (HDD)	Approximate Stream (TRC/VHB)	Bear Feeding (VTFW)	Waterbody (VHD)
Jack and Bore	Delineated Stream (TRC/VHB)	Deer Wintering Area (ANR)	Town Boundary (VCGI)
Terrrestrial Cable (Trenching)	RTE Plants (AE)	VSWI Wetland (ANR)	Country Boundary (VCGI)
Project Parcel	Natural Resource Buffer (VHB)	Named VHD Stream (VCGI)	Read V Trans
Parcel Boundary	Potential Bat Tree (AE)	Unnamed VHD Stream (VCGI)	50 Ft. Contour
Study Area	Natural Community (AE)	10 Ft. Contour	
Approximate Study Area	Uncommon (S3) Plants (AE)		
Sheet Outline	Deer Wintering Area (AE)		



Sources: Background provided by VCGI (2007-2013); provided by VCGI; Roadway Vires (2007); NRCS Soils by NRCS (2008); 2013); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery and Wildlife Management (2014); Vermont Department of Environmental Conservation (2014); Vermont Statewide Wetland Inventory (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2014); Roadway Corridors provided by VTDEC (2014).

**vhb**  
**QTRC**



**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

Natural Resource Map Series  
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December 2, 2014

400 0 400 Feet

**NECPL Proposed Overland Alignment (TRC)**

- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Torresional Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline

**NECPL Proposed Overland Alignment (TRC)**

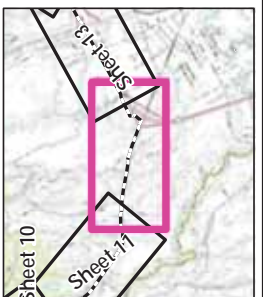
- Proposed Class II Wetland (TRC/VHB)
- Proposed Class III Wetland (TRC/VHB)
- Proposed 50' Class II Wetland Buffer (VHB)
- Approximate Stream (TRC/VHB)
- Delimited Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**NHI Element Occurrence (VTFW)**

- RTES
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

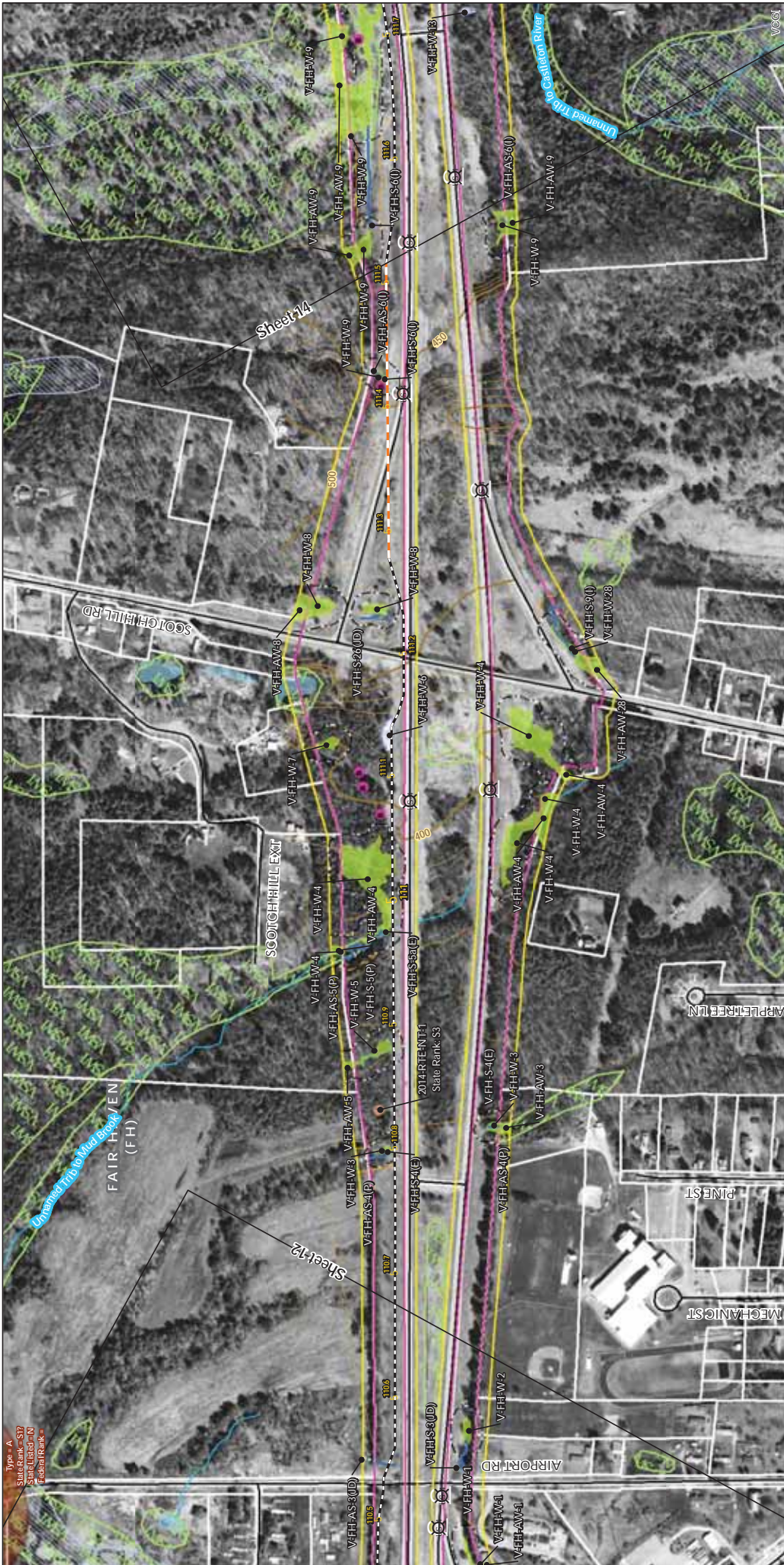
**Floodway (FEMA)**

- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Read (VTrans)
- 50 FT. Contour
- 10 FT. Contour



Sources: Background provided by VCGI (2007-2013); provided by VCGI; Roadway VTrans (2013); NRCS Soils by NRCS (2008-2013); Bear Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding data by VT Conservation Planning Agreement (2014); VTrans SDW (2014); Bear Boundaries (2009-2013); 100 year flood & floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & VTrans (2011); VHD Stream Data by VTDEC (2011); Roadway corridors provided by VTDEC (2011).

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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

Natural Resource Map Series  
Sheet Number 13 of 51  
December 2, 2014

0 200 400 Feet

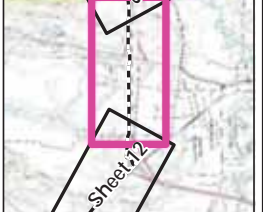
- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Territorial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

- NECPL Proposed Overland Alignment (TRC)**
- Proposed Class II Wetland (TRC/VHB)
  - Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delimited Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)

- NHI Element Occurrence (VTFW)**
- Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)

- Floodway (FEMA)**
- 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Read (VTrans)
  - 50 FT. Contour
  - 10 FT. Contour

- RTES**
- Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)



Sources Background provided by VCGI (2007-2013) provided by VCGI. Roadway VTrans (2013). MDCS data by NRCS (2008-2013). Deer Wintering Area by ANR (2013). County and Town Boundaries by VCGI (2012). Bear Crossing & Feeding data by VT Conservation Project Agreement (2014). VTrans (2014). Parcel Boundaries (2009-2013). 100 year Flood & Floodway compiled by TRC from FEMA (2011). Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2011). Road corridors provided by VTDEC (2011).

**vhb**  
**OTRC**

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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
Sheet Number 14 of 51  
December 2, 2014

- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Torresorial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

- NECPL Proposed Class II Wetland (TRC/VHB)**
- Proposed Class II Wetland (TRC/VHB)
  - Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delimited Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)

- NHI Element Occurrence (VTFW)**
- RTES
  - Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)

- Floodway (FEMA)**
- 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Read (VTrans)
  - 50 FT. Contour
  - 10 FT. Contour

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State Rank - S1  
State Rank - S2  
Federal Rank - N/A
- Type - P**  
State Rank - S3  
State Rank - N  
Federal Rank - N/A

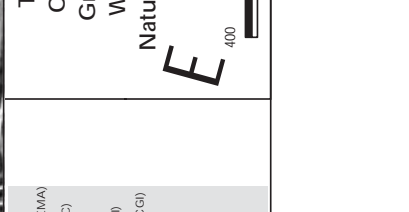
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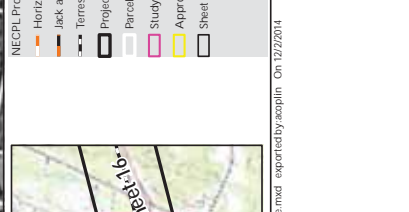




**TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT**  
**Natural Resource Map Series**  
 Sheet Number 15 of 51  
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	Floodway (FEMA)		NHI Element Occurrence (VTFW)		Proposed Class II Wetland (TRC/VHB)		NECPL Proposed Overland Alignment (TRO)
	100 year floodplain (FEMA)		RTES		Proposed Class III Wetland (TRC/VHB)		Horizontal Directional Drilling (HDD)
	River Corridor (VTDEC)		Significant Natural Community		Proposed 50' Class II Wetland Buffer (VHB)		Jack and Bore
	Waterbody (VHD)		Bear Crossing (VTFW)		Approximate Stream (TRC/VHB)		Territorial Cable (Trenching)
	Town Boundary (VCGI)		Bear Feeding (VTFW)		RTE Plants (AE)		Project Parcel
	Country Boundary (VCGI)		Deer Wintering Area (ANR)		Natural Resource Buffer (VHB)		Parcel Boundary
	Read (VTrans)		VSWI Wetland (ANR)		Potential Bat Tree (AE)		Study Area
	50 FT. Contour		Named VHD Stream (VCGI)		Natural Community (AE)		Approximate Study Area
	10 FT. Contour		Unnamed VHD Stream (VCGI)		Uncommon (S3) Plants (AE)		Sheet Outline
			Deer Wintering Area (AE)		Deer Wintering Area (AE)		



Sources Background provided by VCGI (2007-2013) provided by VCGI, Roadway Vires (2007), NRCS State by NRCS (2008), 2013), Deer Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding Data by VT Department of Fishery and Wildlife Management (2014), Vermont Department of Fishery and Wildlife Management (2014), Vermont Statewide Wetland Inventory (2009-2013), 100 year Flood & Floodway compiled by TRC from FEMA (2011), Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2011), Roadway Corridors provided by VTDEC (2014).

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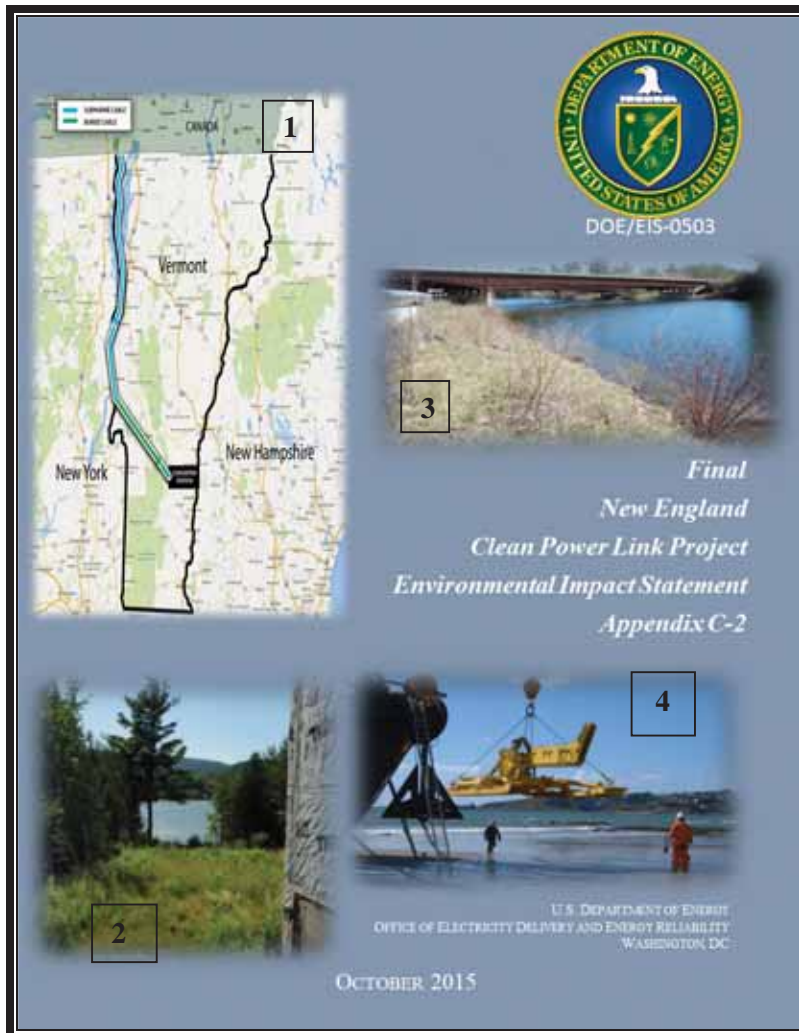


*Final  
New England  
Clean Power Link Project  
Environmental Impact Statement  
Appendix C-2*



U. S. DEPARTMENT OF ENERGY  
OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY  
WASHINGTON, DC

OCTOBER 2015



#### Cover Photo Credits

1. TDI-NE

(<http://wamc/files/styles/default/public/201410/new-england-clean-power-link-map-ctsy-tdi-new-england.jpg> alt="">)

2. NECPL exit from Lake Champlain (Benson, Vermont) courtesy of TDI-NE
3. Lake Bomoseen, Fair Haven, Vermont courtesy of TDI-NE
4. TDI-NE 2014a

**FINAL**

**NEW ENGLAND CLEAN POWER LINK PROJECT  
ENVIRONMENTAL IMPACT STATEMENT**

**DOE/EIS-0503**

**VOLUME II: APPENDICES**

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**U.S. DEPARTMENT OF ENERGY  
OFFICE OF ELECTRICITY DELIVERY  
AND ENERGY RELIABILITY**



**COOPERATING AGENCIES**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
U.S. ARMY CORPS OF ENGINEERS  
U.S. COAST GUARD**

**OCTOBER 2015**

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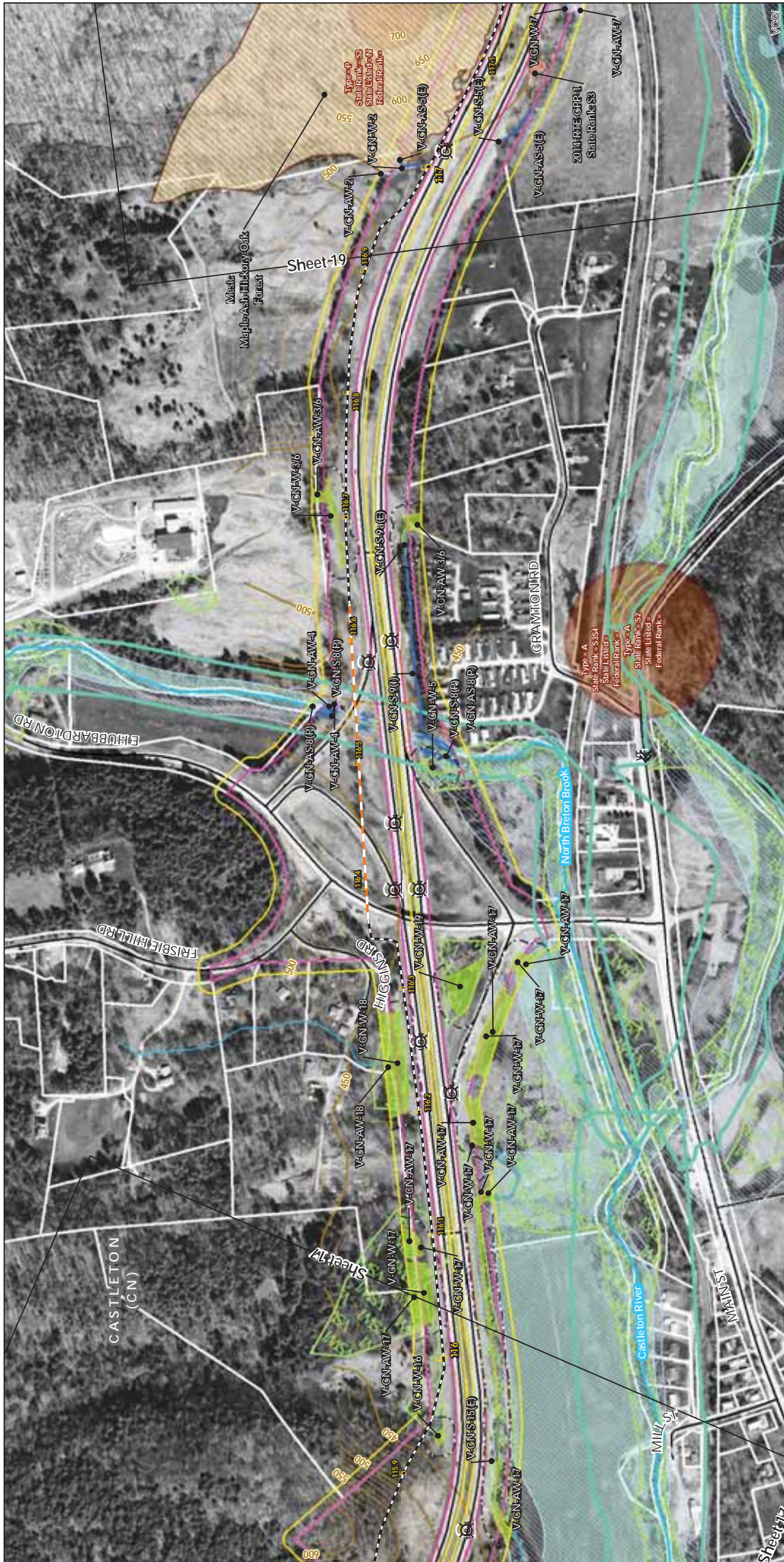
Appendix A	Appendix A	Scoping Summary Report .....	A-1
Appendix B	Appendix B	EIS Distribution List .....	B-1
Appendix C	Appendix C	NECPL Project Transmission System Detailed Maps .....	C-1
Appendix D	Appendix D	Alternatives Considered but Eliminated From Further Analysis.....	D-1
Appendix E	Appendix E	CWA Section 404 and Section 10 Permit Application .....	E-1
Appendix F	Appendix F	Vermont 248 Application Cover Letter .....	F-1
Appendix G	Appendix G	TDI-NE General Mitigation Strategies .....	G-1
Appendix H	Appendix H	ESA Section 7 Documentation .....	H-1
Appendix I	Appendix I	NHPA Section 106 Documentation .....	I-1
Appendix J	Appendix J	Environmental Justice Analysis Background .....	J-1
Appendix K	Appendix K	Air Quality Analysis Background.....	K-1
Appendix L	Appendix L	Contractor Disclosure Statement .....	L-1
Appendix M	Appendix M	Comment Response Document .....	M-1

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# **APPENDIX C NECPL PROJECT TRANSMISSION SYSTEM DETAILED MAPS**

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# TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT

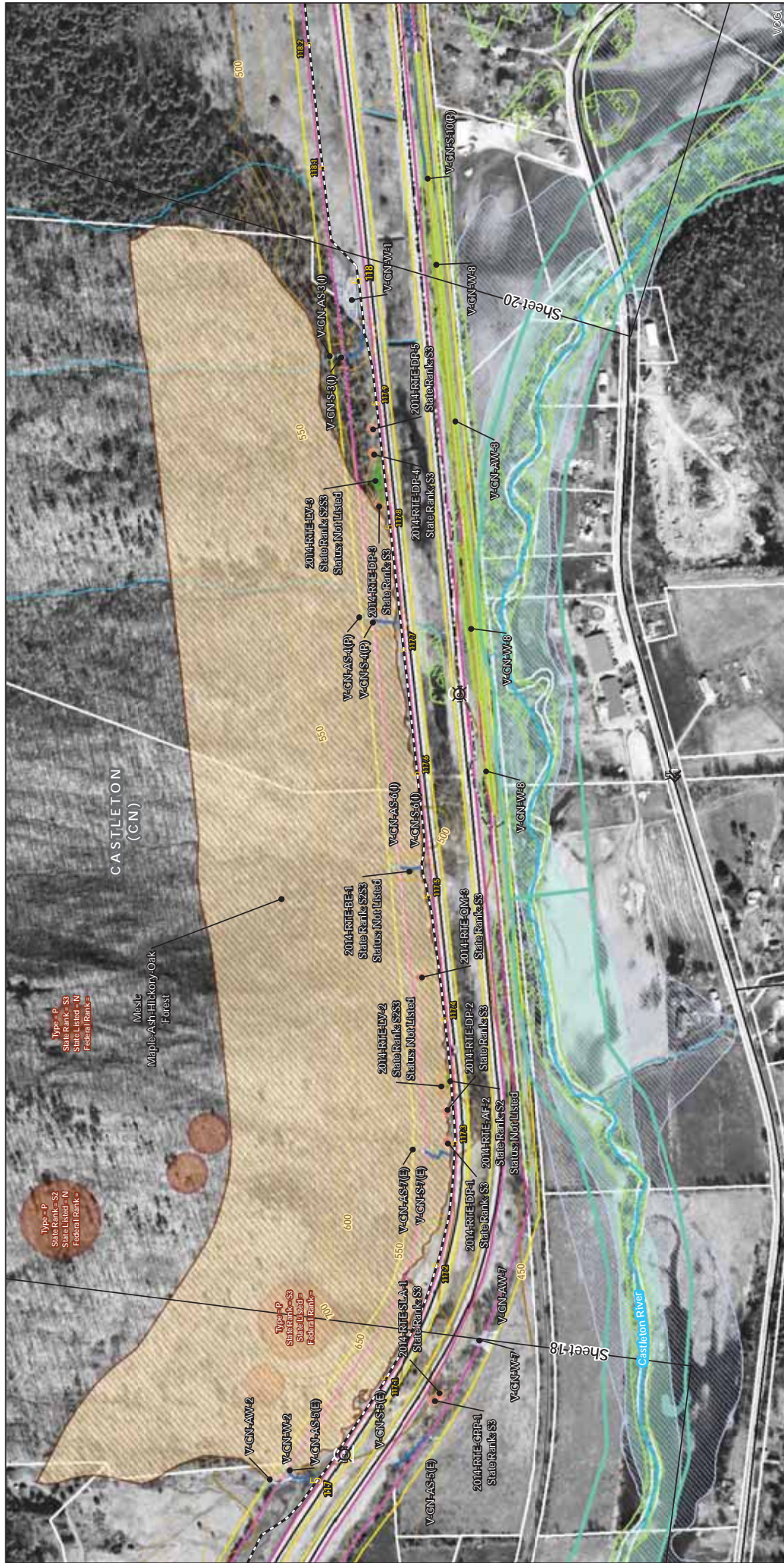
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NECPL Proposed Overland Alignment (TRC)	NHI Element Occurrence (VTFW)	Natural Resource Map Series
Horizontal Directional Drilling (HDD)	Floodway (FEMA)	100 year floodplain (FEMA)
Jack and Bore	RTES	River Corridor (VTDEC)
Terrrestrial Cable (Trenching)	Significant Natural Community	Waterbody (VHD)
Project Parcel	Bear Crossing (VTFW)	Town Boundary (VCGI)
Parcel Boundary	Bear Feeding (VTFW)	Country Boundary (VCGI)
Study Area	Deer Feeding Area (ANR)	Read V Trans
Approximate Study Area	Deer Wintering Area (ANR)	50 FT. Contour
Sheet Outline	VSWI Wetland (ANR)	10 FT. Contour
	Natural Resource Buffer (VHB)	
	Potential Bat Tree (AE)	
	Natural Community (AE)	
	Uncommon (S3) Plants (AE)	
	Deer Wintering Area (AE)	
	Deer Wintering Area (AE)	
	Proposed Class II Wetland (TRC/VHB)	
	Proposed Class III Wetland (TRC/VHB)	
	Approximate Stream (TRC/VHB)	
	Delineated Stream (TRC/VHB)	
	RTE Plants (AE)	
	Natural Resource Buffer (VHB)	
	Potential Bat Tree (AE)	
	Natural Community (AE)	
	Uncommon (S3) Plants (AE)	
	Deer Wintering Area (AE)	

Sources: Background provided by VCGI (2007-2013); provided by VCGI, Roadway Vires (2007); NRCS Soils by NRCS (2008); Bear Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Conceptual Project Alignment (2014); Vires SOGW (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & Vires (2011); Uncommon (S3) Plants (AE) from Vermont Department of Environmental Conservation (2011); Roadway Corridors provided by VTDEC (2011).

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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT  
Natural Resource Map Series**  
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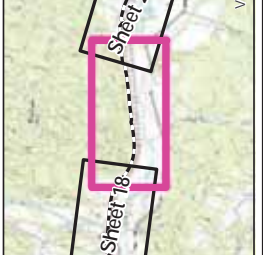
- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Terrrestrial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

- Proposed Class II Wetland (TRC/VHB)**
- Proposed Class II Wetland (TRC/VHB)
  - Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delimited Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)

- NHI Element Occurrence (VTFW)**
- RTES
  - Significant Natural Community
  - Z Bear Crossing (VTFW)
  - % Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)

- Floodway (FEMA)**
- 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Road (VTrans)
  - 50 Ft. Contour
  - 10 Ft. Contour

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**vhb**  
**OTRC**



### TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT

Natural Resource Map Series  
Sheet Number 20 of 51  
December 2, 2014

Feet

<p><b>NECPL Proposed Overland Alignment (TRC)</b></p> <ul style="list-style-type: none"> <li> Horizontal Directional Drilling (HDD)</li> <li> Jack and Bore</li> <li> Trenching</li> <li> Project Parcel</li> <li> Parcel Boundary</li> <li> Study Area</li> <li> Approximate Study Area</li> <li> Sheet Outline</li> </ul>	<p><b>NHI Element Occurrence (VTFW)</b></p> <ul style="list-style-type: none"> <li> RTE</li> <li> Bear Crossing (VTFW)</li> <li> Bear Feeding (VTFW)</li> <li> Deer Wintering Area (ANR)</li> <li> VSWI Wetland (ANR)</li> <li> Named VHD Stream (VCGI)</li> <li> Unnamed VHD Stream (VCGI)</li> </ul>	<p><b>Floodway (FEMA)</b></p> <ul style="list-style-type: none"> <li> 100 year floodplain (FEMA)</li> <li> River Corridor (VTDEC)</li> <li> Waterbody (VHD)</li> <li> Town Boundary (VCGI)</li> <li> Country Boundary (VCGI)</li> <li> Road (VTrans)</li> <li> 50 FT Contour</li> <li> 10 FT Contour</li> </ul>
<p><b>Proposed Class II Wetland (TRC/VHB)</b></p> <ul style="list-style-type: none"> <li> Proposed Class II Wetland (TRC/VHB)</li> <li> Proposed Class III Wetland (TRC/VHB)</li> <li> Proposed 50' Class II Wetland Buffer (VHB)</li> <li> Approximate Stream (TRC/VHB)</li> <li> Delineated Stream (TRC/VHB)</li> <li> RTE Plants (AE)</li> <li> Natural Resource Buffer (VHB)</li> <li> Potential Bat Tree (AE)</li> <li> Natural Community (AE)</li> <li> Uncommon (S3) Plants (AE)</li> <li> Deer Wintering Area (AE)</li> </ul>	<p><b>NECPL Proposed Overland Alignment (TRC)</b></p> <ul style="list-style-type: none"> <li> Horizontal Directional Drilling (HDD)</li> <li> Jack and Bore</li> <li> Trenching</li> <li> Project Parcel</li> <li> Parcel Boundary</li> <li> Study Area</li> <li> Approximate Study Area</li> <li> Sheet Outline</li> </ul>	<p><b>Floodway (FEMA)</b></p> <ul style="list-style-type: none"> <li> 100 year floodplain (FEMA)</li> <li> River Corridor (VTDEC)</li> <li> Waterbody (VHD)</li> <li> Town Boundary (VCGI)</li> <li> Country Boundary (VCGI)</li> <li> Road (VTrans)</li> <li> 50 FT Contour</li> <li> 10 FT Contour</li> </ul>

Sources Background provided by VCGI (2007-2013); Provided by VCGI; Roadway Vtrans (2012); NRCS State by NRCS (2008-2013); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Natural Resources Agency (2014); VTrans SOW (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & assessments compiled by Arrowhead Environmental (2011); Roadway Corridors provided by VTDEC (2011).

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# TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT Natural Resource Map Series

Sheet Number 21 of 51  
December 2, 2014

**NECPL Proposed Overland Alignment (TRC)**

- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Torrestrial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline

**NHI Element Occurrence (VTRW)**

- Proposed Class II Wetland (TRC/VHB)
- Proposed Class III Wetland (TRC/VHB)
- Proposed 50' Class II Wetland Buffer (VHB)
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

**RTES**

- Type - A State Rank - S3B State Listed - Federal Rank
- Type - B State Rank - S3B State Listed - Federal Rank
- Type - C State Rank - S3B State Listed - Federal Rank
- Type - D State Rank - S3B State Listed - Federal Rank
- Type - E State Rank - S3B State Listed - Federal Rank
- Type - F State Rank - S3B State Listed - Federal Rank
- Type - G State Rank - S3B State Listed - Federal Rank
- Type - H State Rank - S3B State Listed - Federal Rank
- Type - I State Rank - S3B State Listed - Federal Rank
- Type - J State Rank - S3B State Listed - Federal Rank
- Type - K State Rank - S3B State Listed - Federal Rank
- Type - L State Rank - S3B State Listed - Federal Rank
- Type - M State Rank - S3B State Listed - Federal Rank
- Type - N State Rank - S3B State Listed - Federal Rank
- Type - O State Rank - S3B State Listed - Federal Rank
- Type - P State Rank - S3B State Listed - Federal Rank
- Type - Q State Rank - S3B State Listed - Federal Rank
- Type - R State Rank - S3B State Listed - Federal Rank
- Type - S State Rank - S3B State Listed - Federal Rank
- Type - T State Rank - S3B State Listed - Federal Rank
- Type - U State Rank - S3B State Listed - Federal Rank
- Type - V State Rank - S3B State Listed - Federal Rank
- Type - W State Rank - S3B State Listed - Federal Rank
- Type - X State Rank - S3B State Listed - Federal Rank
- Type - Y State Rank - S3B State Listed - Federal Rank
- Type - Z State Rank - S3B State Listed - Federal Rank

**Floodway (FEMA)**

- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Road (VTrans)
- 50 FT. Contour
- 10 FT. Contour

VCC

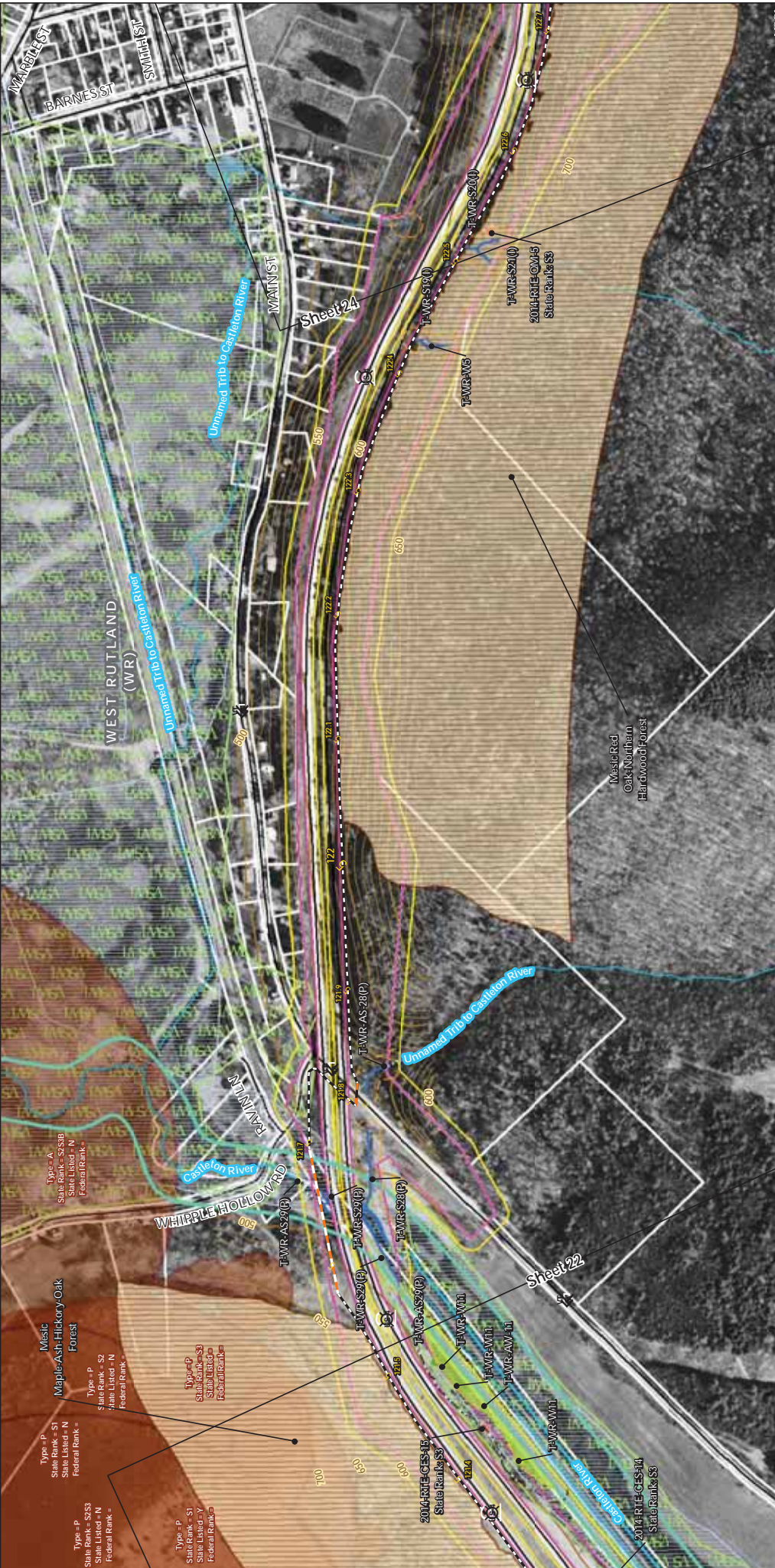
Sheet 20

Sheet 21

Sheet 22

Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway Vires (2007); NRCS Sinks by NRCS (2008); Bear Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding data by VT Department of Fishery & Wildlife (2014); Vires SOW (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & assessors completed by Arrowwood Environmental (2014); Roadway Corridors provided by VTDEC (2014).





**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
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December 2, 2014

NECPL Proposed Overland Alignment (TRC)		NHI Element Occurrence (VTFW)	
Horizontal Directional Drilling (HDD)	Proposed Class II Wetland (TRC/VHB)	Floodway (FEMA)	100 year floodplain (FEMA)
Jack and Bore	Proposed Class III Wetland (TRC/VHB)	River Corridor (VTDEC)	Waterbody (VHD)
Terrrestrial Cable (Trenching)	Proposed 50' Class II Wetland Buffer (VHB)	Wetland (VHD)	Town Boundary (VCGI)
Project Parcel	Approximate Stream (TRC/VHB)	Bear Crossing (VTFW)	Country Boundary (VCGI)
Parcel Boundary	Delimited Stream (TRC/VHB)	Bear Feeding (VTFW)	Read (VTrans)
Study Area	RTE Plants (AE)	Deer Wintering Area (ANR)	50 Ft. Contour
Approximate Study Area	Natural Resource Buffer (VHB)	VSWI Wetland (ANR)	10 Ft. Contour
Sheet Outline	Potential Bat Tree (AE)	Named VHD Stream (VCGI)	
	Natural Community (AE)	Unnamed VHD Stream (VCGI)	
	Uncommon (S3) Plants (AE)		
	Deer Wintering Area (AE)		

Sources Background provided by VCGI (2007-2013) provided by VCGI, Roadway Vires (2013), NRCS State by NRCS (2008-2013), Deer Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding Study VT Consensus Project Alignment (2014), Vires (2014), Parcel Boundaries (2009-2013), 100 year Flood & Floodway compiled by TRC from FEMA (2011), Wetland & Stream Delineations by TRC & annotations compiled by Arrowwood Environmental (2014). Report coverages provided by VTDEC (2014).

**vhb** **OTRC**

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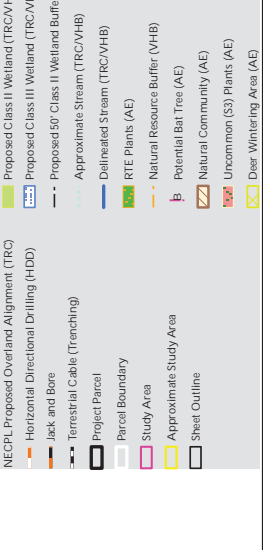


# TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT

## Natural Resource Map Series

Sheet Number 24 of 51  
December 2, 2014

- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Trench and Bore
  - Territorial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline
- NECPL Proposed Overland Alignment (TRC)**
- Proposed Class II Wetland (TRC/VHB)
  - Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delineated Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)
- NHI Element Occurrence (VTFW)**
- Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)
- RTES**
- Floodway (FEMA)
  - 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Read (V Trans)
  - 50 FT. Contour
  - 10 FT. Contour

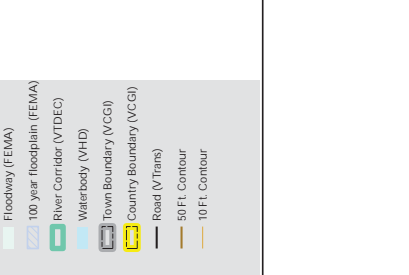


**hvb**  
**QTRC**

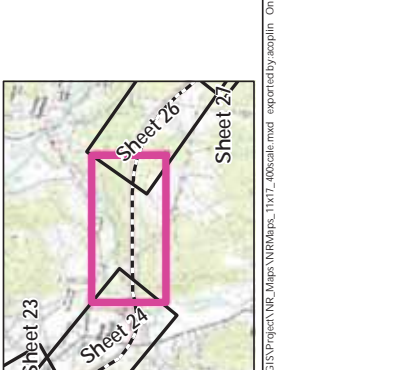
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**TDI - NECPL Project**  
**Overland Component**  
**Grand Isle, Rutland, & Windsor Counties, VT**  
**Natural Resource Map Series**  
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 December 2, 2014



	Floodway (FEMA)		NHI Element Occurrence (VTFW)		Proposed Class II Wetland (TRC/VHB)		NECPL Proposed Overland Alignment (TRC)
	100 year floodplain (FEMA)		RTES		Proposed Class III Wetland (TRC/VHB)		Horizontal Directional Drilling (HDD)
	River Corridor (VTDEC)		Significant Natural Community		Proposed 50' Class II Wetland Buffer (VHB)		Jack and Bore
	Waterbody (VHD)		Bear Crossing (VTFW)		Approximate Stream (TRC/VHB)		Terrrestrial Cable (Trenching)
	Town Boundary (VCGI)		Bear Feeding (VTFW)		Delimited Stream (TRC/VHB)		Project Parcel
	Country Boundary (VCGI)		Deer Wintering Area (ANR)		RTE Plants (AE)		Parcel Boundary
	Read V Trans		VSWI Wetland (ANR)		Natural Resource Buffer (VHB)		Study Area
	50 FT. Contour		Named VHD Stream (VCGI)		Potential Bat Tree (AE)		Approximate Study Area
	10 FT. Contour		Unnamed VHD Stream (VCGI)		Natural Community (AE)		Sheet Outline
			Uncommon (S3) Plants (AE)		Deer Wintering Area (AE)		
			Deer Wintering Area (AE)				



Sources: Background provided by VCGI (2007-2013); provided by VCGI; Roadway VTrans (2012); NRCS Soils by NRCS (2008); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Study by VT Department of Fishery and Wildlife Management (2014); Vermont Conceptual Forest Management Plan (2014); VTrans ROW (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & VTrans (2011); VHD Stream Delineations by VTrans (2011); Assessments completed by Arrowwood Environmental (2011); Roadway VTrans provided by VTDEC (2011).

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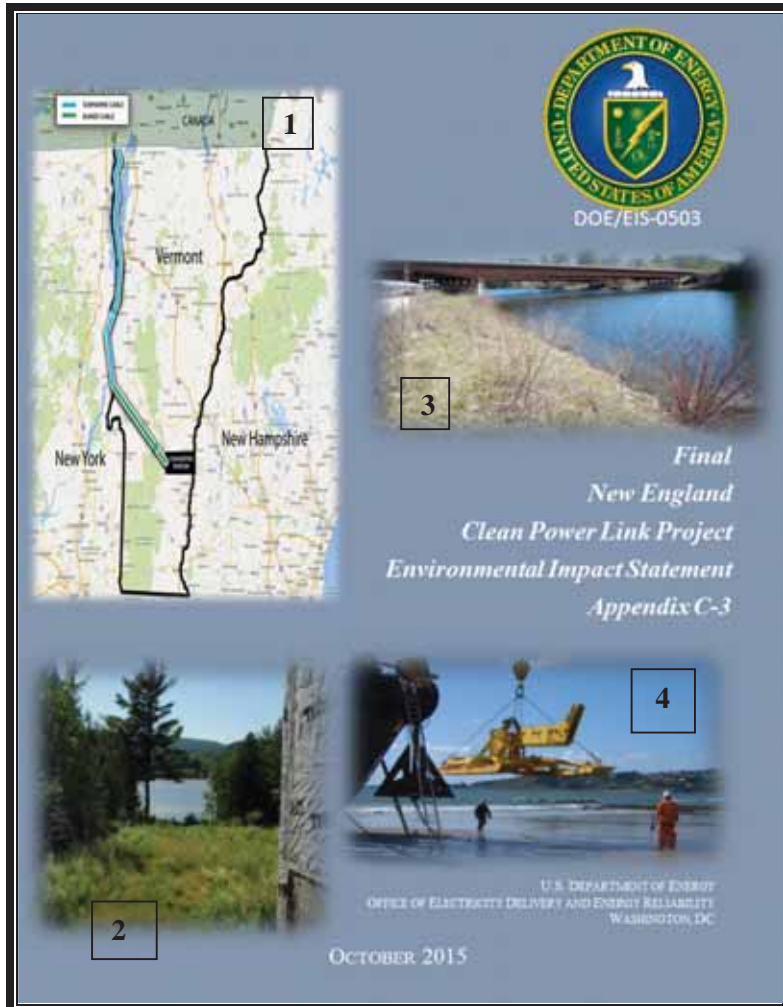


*Final  
New England  
Clean Power Link Project  
Environmental Impact Statement  
Appendix C-3*



U. S. DEPARTMENT OF ENERGY  
OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY  
WASHINGTON, DC

OCTOBER 2015



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1. TDI-NE

(<http://wamc/files/styles/default/public/201410/new-england-clean-power-link-map-ctsy-tdi-new-england.jpg>" alt="">)

2. NECPL exit from Lake Champlain (Benson, Vermont) courtesy of TDI-NE
3. Lake Bomoseen, Fair Haven, Vermont courtesy of TDI-NE
4. TDI-NE 2014a

**FINAL**

**NEW ENGLAND CLEAN POWER LINK PROJECT  
ENVIRONMENTAL IMPACT STATEMENT**

**DOE/EIS-0503**

**VOLUME II: APPENDICES**

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**U.S. DEPARTMENT OF ENERGY  
OFFICE OF ELECTRICITY DELIVERY  
AND ENERGY RELIABILITY**



**COOPERATING AGENCIES**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
U.S. ARMY CORPS OF ENGINEERS  
U.S. COAST GUARD**

**OCTOBER 2015**

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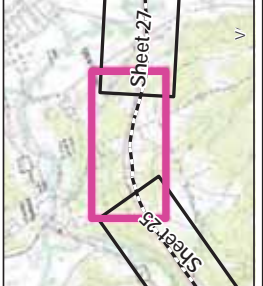
# **APPENDIX C NECPL PROJECT TRANSMISSION SYSTEM DETAILED MAPS**

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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
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	Floodway (FEMA)		NHI Element Occurrence (VTFW)
	100 year floodplain (FEMA)		Proposed Class II Wetland (TRC/VHB)
	River Corridor (VTDEC)		Proposed Class III Wetland (TRC/VHB)
	Waterbody (VHD)		Proposed 50' Class II Wetland Buffer (VHB)
	Town Boundary (VCGI)		Approximate Stream (TRC/VHB)
	Country Boundary (VCGI)		Delineated Stream (TRC/VHB)
	Road (VTrans)		RTE Plants (AE)
	90 FT. Contour		Natural Resource Buffer (VHB)
	10 FT. Contour		Potential Bat Tree (AE)
			Natural Community (AE)
			Uncommon (S3) Plants (AE)
			Deer Wintering Area (AE)
			Deer Wintering Area (AE)

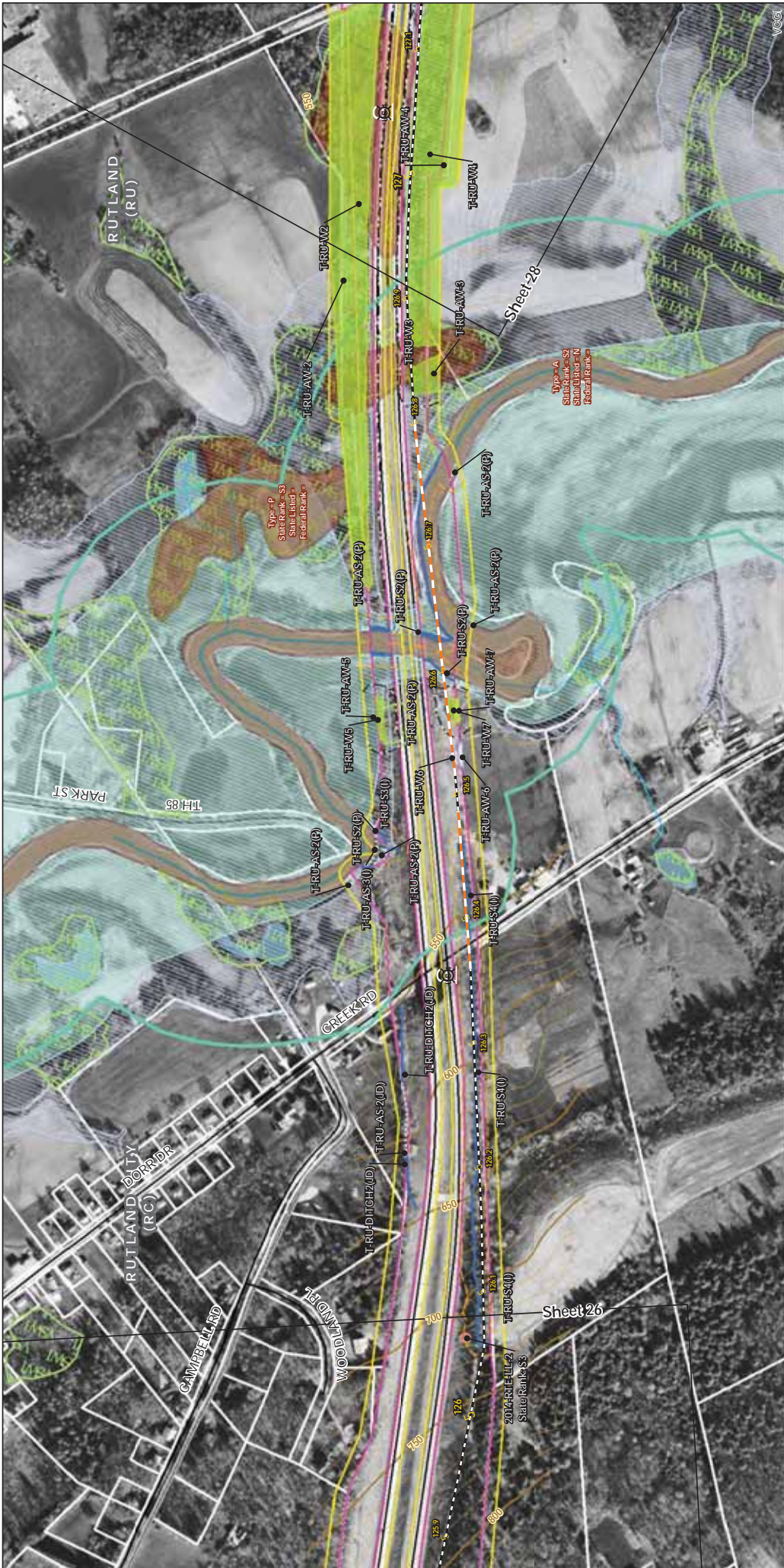


Sources Background provided by VCGI (2007-2013). Provided by VCGI, Roadway VTrans (2013), NRCS State by NRCS (2008-2013), Deer Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding Study by VT Department of Fishery and Wildlife Management (2014), Vermont Conservation Project Agreement (2014), VTrans ROW (2014), Parcel Boundaries (2009-2013), 100 year Flood & Floodway compiled by TRC from FEMA (2011), Wetland & Stream Delineations by TRC & VTrans (2013), 100 year Flood & Floodway compiled by TRC & VTrans (2013), 100 year Flood & Floodway compiled by TRC & VTrans (2013), 100 year Flood & Floodway compiled by TRC & VTrans (2013).  
Orderlines provided by VTDEC (2014).

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Federal Rank =



**TDI - NECPL Project  
Overland Component  
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400 200 0 400 Feet

- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Torrestrial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

- NHI Element Occurrence (VTFW)**
- RTES
  - Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSMI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)

- Proposed Class II Wetland (TRC/VHB)**
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  - Approximate Stream (TRC/VHB)
  - Delineated Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)

- Floodway (FEMA)**
- 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Read (VTrans)
  - 50 FT. Contour
  - 10 FT. Contour

- Type-A Sub Rank-S2 Federal Bank**
- Type-P Sub Rank-S3 Federal Bank**

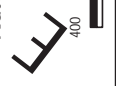
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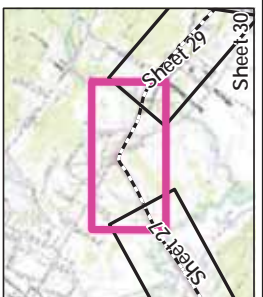
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**TDI - NECPL Project  
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Grand Isle, Rutland, &  
Windsor Counties, VT  
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- NECPL Proposed Overland Alignment (TRC)**
  - Horizontal Directional Drilling (HDD)
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  - Torrestrial Cable (Trenching)
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  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline
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  - Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class III Wetland Buffer (VHB)
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  - Delimited Stream (TRC/VHB)
  - RTE Plants (AE)
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  - Uncommon (S3) Plants (AE)
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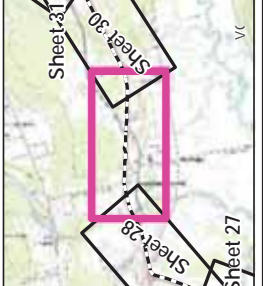
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**OTRC**

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**TDI - NECPL Project**  
**Overland Component**  
**Grand Isle, Rutland, & Windsor Counties, VT**  
**Natural Resource Map Series**  
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 December 2, 2014

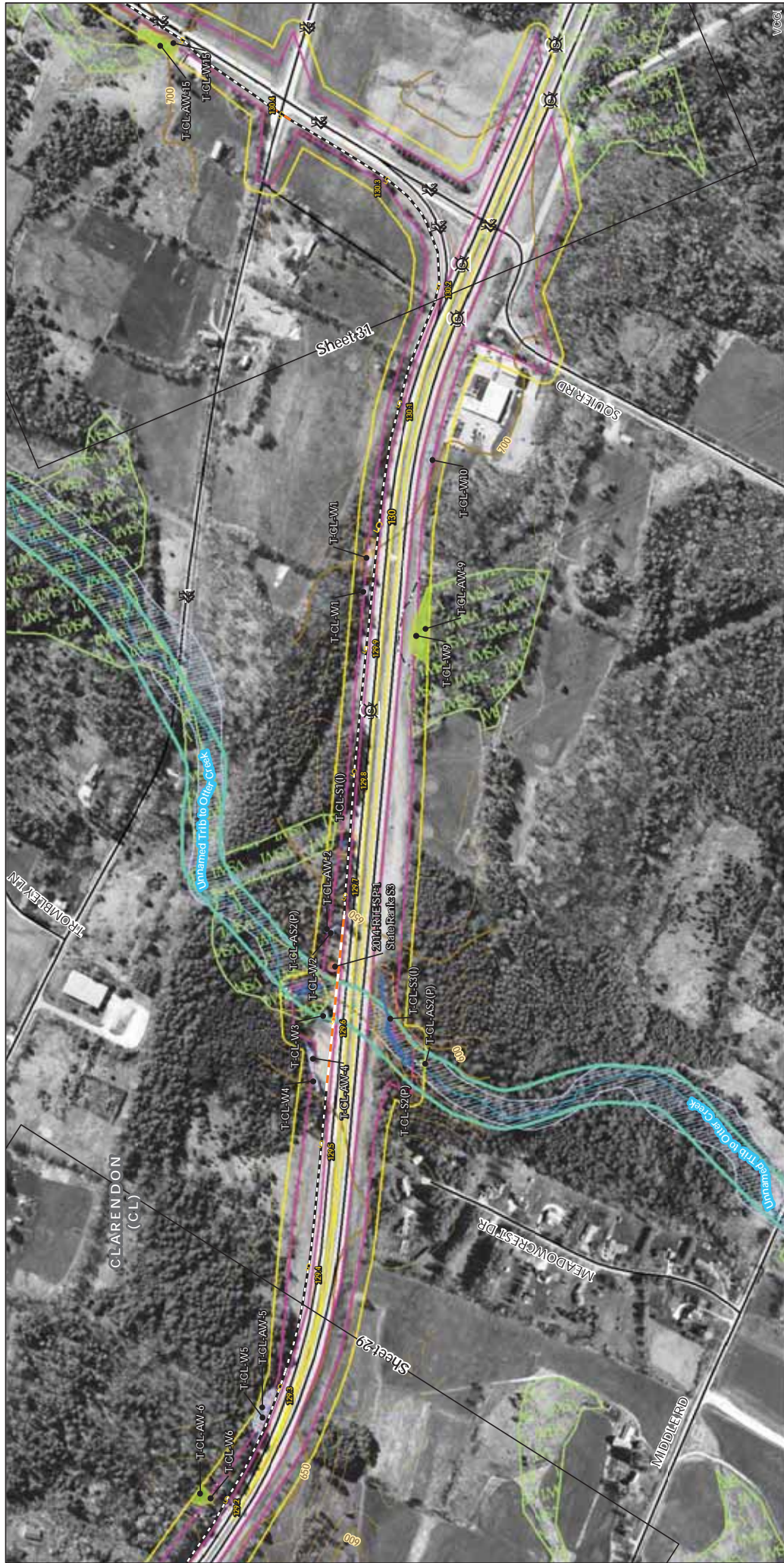
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[Blue Box]	100 year floodplain (FEMA)
[Red Box]	River Corridor (VTDEC)
[Light Blue Box]	Waterbody (VHD)
[Yellow Box]	Town Boundary (VCGI)
[Black Box]	Country Boundary (VCGI)
[Red Box]	Read (VTrans)
[Blue Box]	50 Ft. Contour
[Orange Box]	10 Ft. Contour
[Green Box]	NHI Element Occurrence (VTFW)
[Red Box]	RTES
[Blue Box]	Significant Natural Community
[Z]	Bear Crossing (VTFW)
[%]	Bear Feeding (VTFW)
[Green Box]	Deer Feeding Area (ANR)
[Blue Box]	VSWI Wetland (ANR)
[Green Box]	Named VHD Stream (VCGI)
[Blue Box]	Unnamed VHD Stream (VCGI)
[Green Box]	Proposed Class II Wetland (TRC/VHB)
[Blue Box]	Proposed Class III Wetland (TRC/VHB)
[Dashed Line]	Proposed 50' Class II Wetland Buffer (VHB)
[Dotted Line]	Approximate Stream (TRC/VHB)
[Blue Box]	Delimited Stream (TRC/VHB)
[Green Box]	RTE Plants (AE)
[Blue Box]	Natural Resource Buffer (VHB)
[Red Box]	Potential Bat Tree (AE)
[Green Box]	Natural Community (AE)
[Red Box]	Uncommon (S3) Plants (AE)
[Blue Box]	Deer Wintering Area (AE)
[Green Box]	NECPL Proposed Overland Alignment (TRC)
[Orange Box]	Horizontal Directional Drilling (HDD)
[Black Box]	Jack and Bore
[Dashed Line]	Terrrestrial Cable (Trenching)
[Black Box]	Project Parcel
[Black Box]	Parcel Boundary
[Pink Box]	Study Area
[Yellow Box]	Approximate Study Area
[Black Box]	Sheet Outline



Sources Background provided by VCGI (2007-2013) Provided by VCGI, Roadway Vires (2017), NRCS Soils by NRCS (2008-2013), Deer Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding Data by VT Department of Fishery and Wildlife Management (2014), Vermont Conservation Project Agreement (2014), Vires SOW (2014), Parcel Boundaries (2009-2013), 100 year Flood & Floodway compiled by TRC from FEMA (2011), Wetland & Stream Delineations by TRC & assessors completed by Arrowwood Environmental (2011), Roadway Corridors provided by VTDEC (2011).

**vhb**  
**OTRC**

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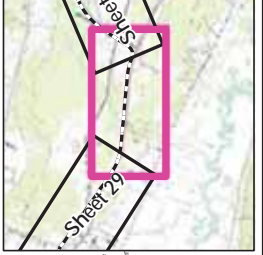
**TDI - NECPL Project**  
**Overland Component**  
**Grand Isle, Rutland, & Windsor Counties, VT**  
**Natural Resource Map Series**  
 Sheet Number 30 of 51  
 December 2, 2014

- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Terrrestrial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

- NHI Element Occurrence (VTFW)**
- RTES
  - Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)

- Proposed Class II Wetland (TRC/VHB)**
- Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delineated Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)

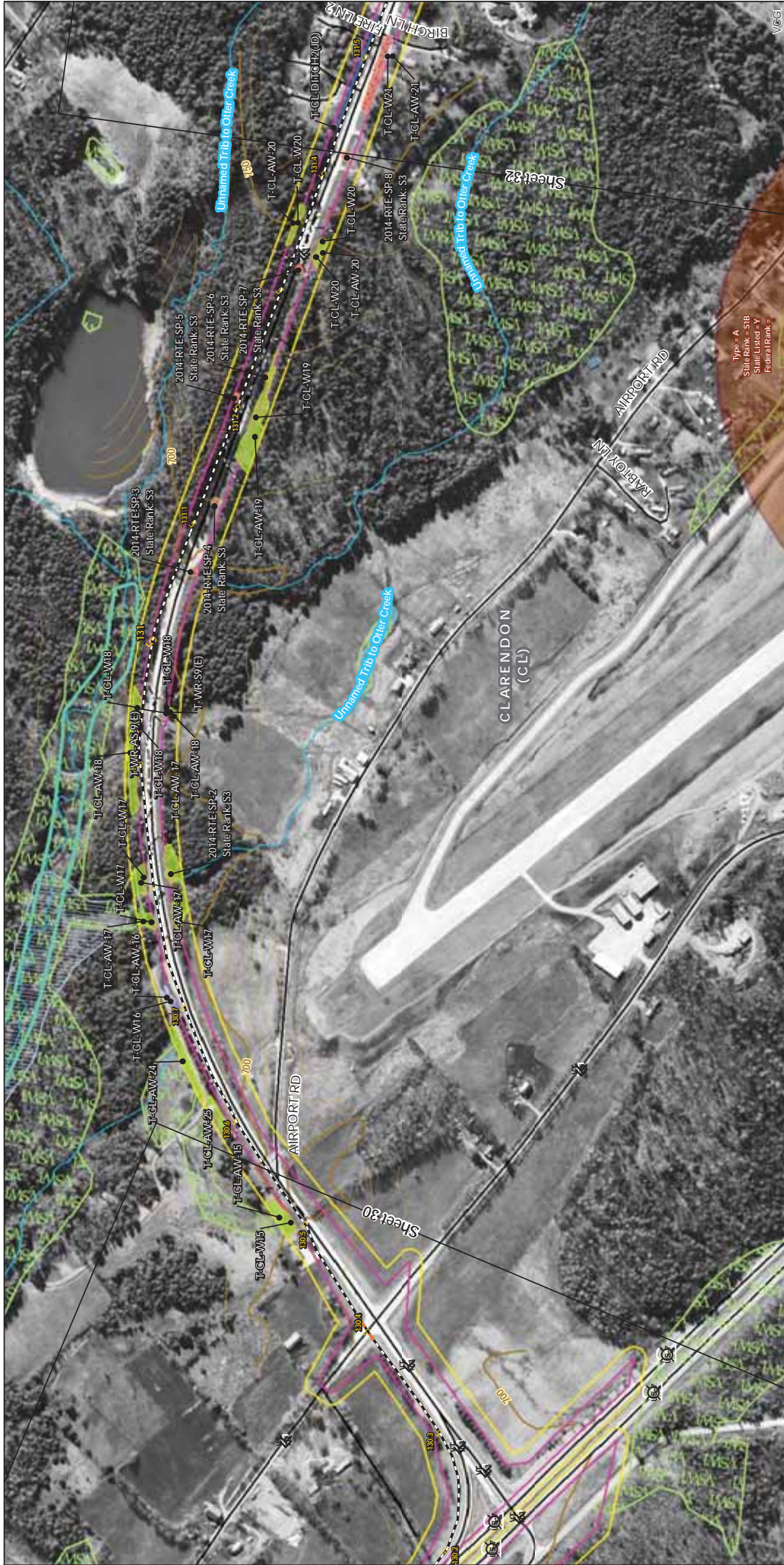
- Floodway (FEMA)**
- 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Read (VTrans)
  - 50 FT. Contour
  - 10 FT. Contour



Sources Background provided by VCGI (2007-2013) provided by VCGI, Roadway Vires (2017), NRCS State by NRCS (2008), Bear Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding Study by VT Department of Fishery and Wildlife Management (2014), Vermont Department of Fishery and Wildlife Management (2014), Vires (2014), Vermont Boundaries (2009-2013), 100 year flood & Floodway compiled by TRC from FEMA (2011), Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2011), Roadway Corridors provided by VTDEC (2011).

**vhb**  
**QTRC**

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TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT  
Natural Resource Map Series  
Sheet Number 31 of 51  
December 2, 2014

Type - A  
State Rank - S1B  
State Listed - Y1  
Federal Rank -

NHI Element Occurrence (VTFW)  
RTES  
Significant Natural Community  
Bear Crossing (VTFW)  
Bear Feeding (VTFW)  
Deer Wintering Area (ANR)  
VSWI Wetland (ANR)  
Named VHD Stream (VCGI)  
Unnamed VHD Stream (VCGI)

Proposed Class II Wetland (TRC/VHB)  
Proposed Class III Wetland (TRC/VHB)  
Proposed 50' Class II Wetland Buffer (VHB)  
Approximate Stream (TRC/VHB)  
Delimited Stream (TRC/VHB)  
RTE Plants (AE)  
Natural Resource Buffer (VHB)  
Potential Bat Tree (AE)  
Natural Community (AE)  
Uncommon (S3) Plants (AE)  
Deer Wintering Area (AE)

NECPL Proposed Overland Alignment (TRC)  
Horizontal Directional Drilling (HDD)  
Jack and Bore  
Terrestrial Cable (Trenching)  
Project Parcel  
Parcel Boundary  
Study Area  
Approximate Study Area  
Sheet Outline

Floodway (FEMA)  
100 year floodplain (FEMA)  
River Corridor (VTDEC)  
Waterbody (VHD)  
Town Boundary (VCGI)  
Country Boundary (VCGI)  
Road (VTrans)  
50 FT. Contour  
10 FT. Contour

NECPL Proposed Overland Alignment (TRC)  
Horizontal Directional Drilling (HDD)  
Jack and Bore  
Terrestrial Cable (Trenching)  
Project Parcel  
Parcel Boundary  
Study Area  
Approximate Study Area  
Sheet Outline

Sheet 29  
Sheet 30  
Sheet 32

Source: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway VTrans (2007); NCEC State by NRCS (2008); Bear Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery, Wildlife, and Forestry (2014); Bear Wintering Area by ANR (2014); VTrans ROW (2014); Bear Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & NRCS (2007-2013); County and Town Boundaries by VCGI (2012).  
Orderings provided by VTDEC (2014).



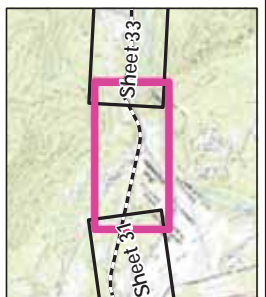


**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT  
Natural Resource Map Series**

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December 2, 2014



Legend	Legend	Legend	Legend
Floodway (FEMA)	Proposed Class II Wetland (TRC/VHB)	NECP Proposed Overland Alignment (TRC)	Sources Background provided by VCGI (2007-2013)
100 year floodplain (FEMA)	Proposed Class III Wetland (TRC/VHB)	Horizontal Directional Drilling (HDD)	Vires (2007) by VCGI
River Corridor (VTDEC)	Proposed 50' Class II Wetland Buffer (VHB)	Jack and Bore	Bear Wintering Area by ANR (2013)
Waterbody (VHD)	Significant Natural Community	Terrestrial Cable (Trenching)	County and Town Boundaries by VCGI (2012)
Town Boundary (VCGI)	Bear Crossing (VTFW)	Project Parcel	Bear Wintering Area by ANR (2013)
Country Boundary (VCGI)	Bear Feeding (VTFW)	Parcel Boundary	Wetland Delineation by VCGI (2009-2013)
Road (VTrans)	Deer Feeding (VTFW)	Study Area	Wetland from FEMA (2011)
50 Ft. Contour	Deer Wintering Area (ANR)	Approximate Study Area	Wetland from FEMA (2009-2013)
10 Ft. Contour	VSWI Wetland (ANR)	Sheet Outline	Wetland from FEMA (2009-2013)
Named VHD Stream (VCGI)	Potential Bat Tree (AE)		Wetland from FEMA (2009-2013)
Unnamed VHD Stream (VCGI)	Natural Community (AE)		Wetland from FEMA (2009-2013)
Unnamed VHD Stream (VCGI)	Uncommon (S3) Plants (AE)		Wetland from FEMA (2009-2013)
Unnamed VHD Stream (VCGI)	Deer Wintering Area (AE)		Wetland from FEMA (2009-2013)
			Wetland from FEMA (2009-2013)





**TDI - NECPL Project**  
**Overland Component**  
**Grand Isle, Rutland, & Windsor Counties, VT**  
**Natural Resource Map Series**  
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 December 2, 2014

400 200 0 400  
 Feet

**NECPL Proposed Overland Alignment (TRC)**

- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Territorial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline

**NHI Element Occurrence (VTFW)**

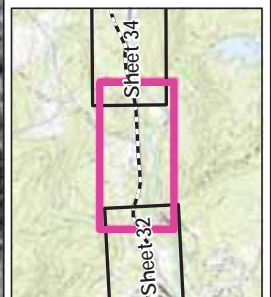
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

**Proposed Class II Wetland (TRC/VHB)**

- Proposed Class II Wetland (TRC/VHB)
- Approximate Stream (TRC/VHB)
- Delineated Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

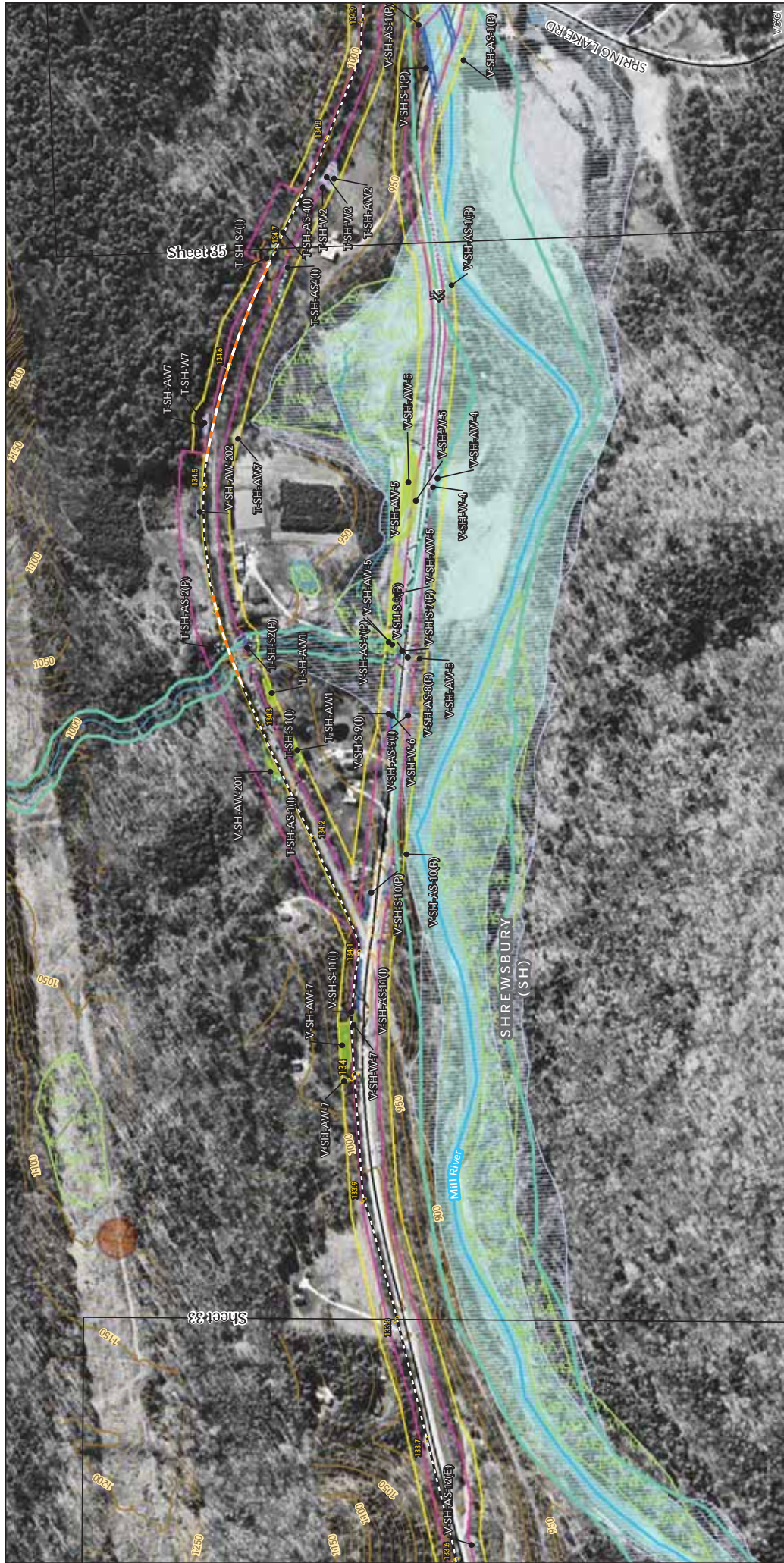
**Floodway (FEMA)**

- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Read (VTrans)
- 50 Ft. Contour
- 10 Ft. Contour

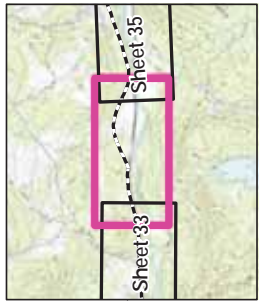


Sources Background provided by VCGI (2007-2013) provided by VCGI, Roadway VTrans (2007-2013), NRCS soils by NRCS (2008-2013), Bear Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding data by VT Department of Fishery and Wildlife Management (2014), Parcel Boundaries (2009-2013), 100 year Flood & Floodway compiled by TRC from FEMA (2014), Wetland & Stream Delineations by TRC & assessors compiled by Arrowwood Environmental (2014). Route corridors provided by VTDEC (2014).

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Sources Background provided by VCGI (2007-2013) provided by VCGI, Roadway Vires (2007), NRCS Soils by NRCS (2008), Deer Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding Study by VT Conservation Project Agreement (2014), Vires ROW (2014), Parcel Boundaries (2009-2013), 100-year Flood & Floodway compiled by TRC from FEMA (2014), Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2014), Roadway Corridors provided by VTDEC (2014).



- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Torrestrial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

- TRC**
- Proposed Class II Wetland (TRC/VHB)
  - Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delineated Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)

- NHI Element Occurrence (VTRW)**
- Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)

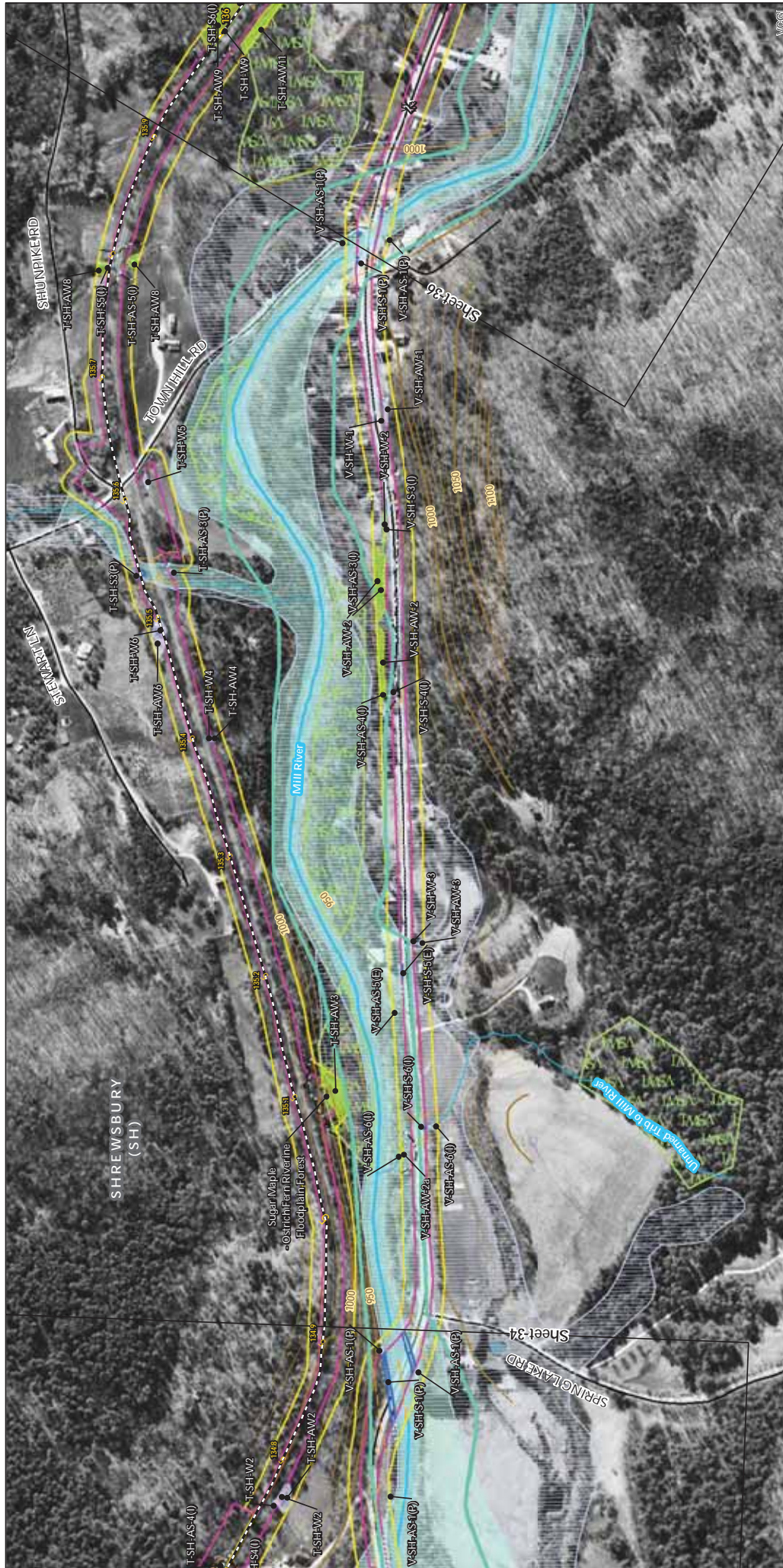
- FEMA**
- 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Road (V Trans)
  - 90 Ft. Contour
  - 10 Ft. Contour

**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

**Natural Resource Map Series**

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400 0 400 Feet



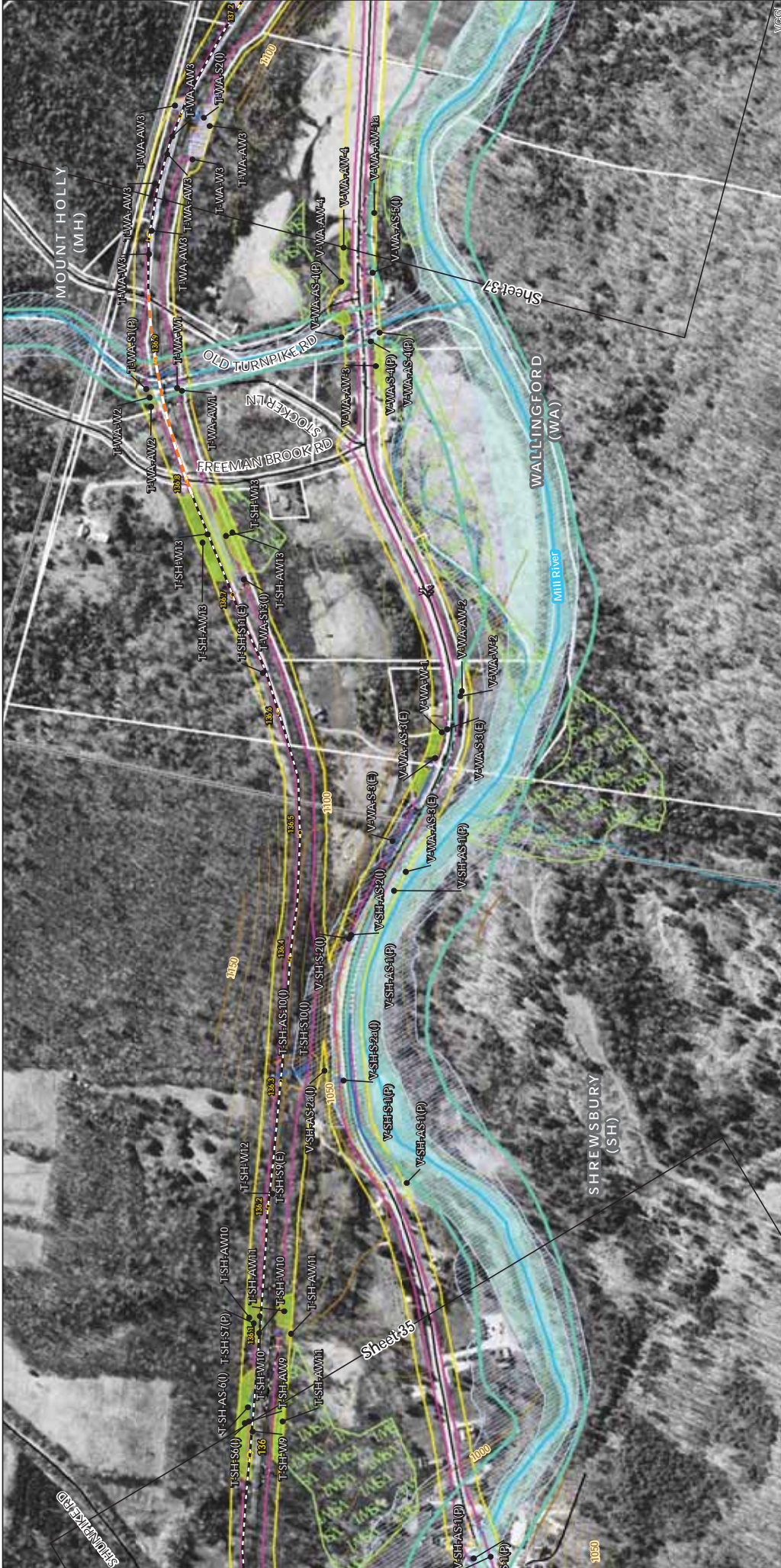
**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

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December 2, 2014

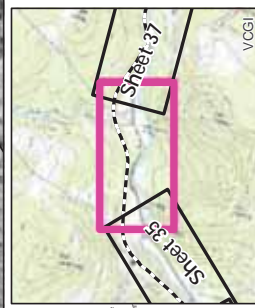
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Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway VTrans (2013); NRCS Soils by NRCS (2008-2013); Bear Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery & Wildlife (2011); Vermont Statewide Conservation Project Agreement (2014); VTrans ROW (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & VCGI (2012); Sugar Maple Obstruction Data by VCGI (2011); Report assessments compiled by Arrowwood Environmental (2011); Report Corridors provided by VTDEC (2011).

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**TDI - NECPL Project**  
**Overland Component**  
**Grand Isle, Rutland, &**  
**Windsor Counties, VT**  
**Natural Resource Map Series**  
 Sheet Number 36 of 51  
 December 2, 2014



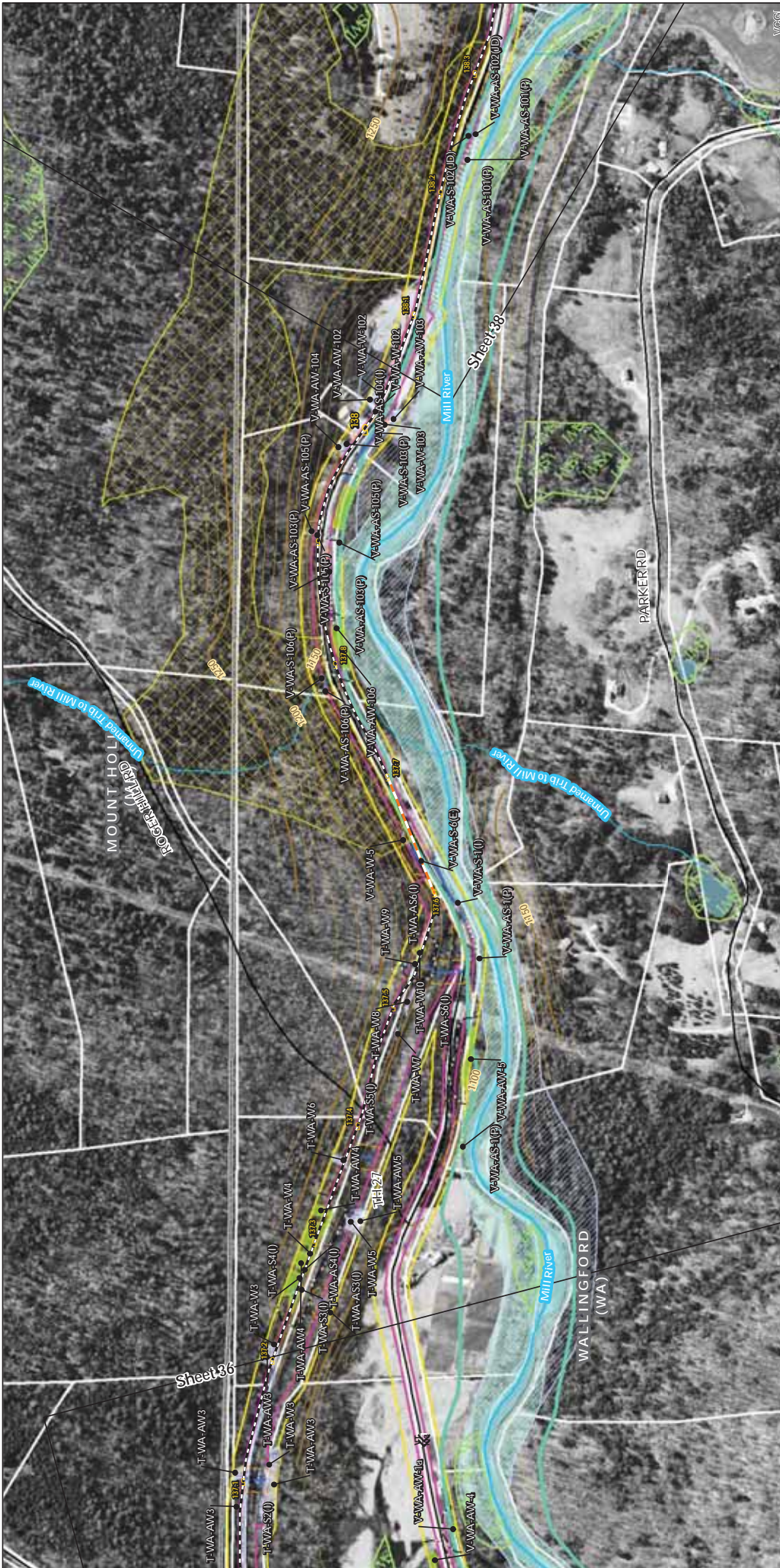
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| <ul style="list-style-type: none"> <li> Floodway (FEWA)</li> <li> 100 year floodplain (FEWA)</li> <li> River Corridor (VTDEC)</li> <li> Waterbody (VHD)</li> <li> Town Boundary (VCGI)</li> <li> Country Boundary (VCGI)</li> <li> Road (VTrans)</li> <li> 50 Ft. Contour</li> <li> 10 Ft. Contour</li> </ul>  | <ul style="list-style-type: none"> <li> NHI Element Occurrence (VTFW)</li> <li> RTEs</li> <li> Significant Natural Community</li> <li> Bear Crossing (VTFW)</li> <li> Bear Feeding (VTFW)</li> <li> Deer Wintering Area (ANR)</li> <li> VSWI Wetland (ANR)</li> <li> Named VHD Stream (VCGI)</li> <li> Unnamed VHD Stream (VCGI)</li> </ul> |
| <ul style="list-style-type: none"> <li> Proposed Class II Wetland (TRC/VHB)</li> <li> Proposed Class III Wetland (TRC/VHB)</li> <li> Proposed 50' Class II Wetland Buffer (VHB)</li> <li> Approximate Stream (TRC/VHB)</li> <li> Delimited Stream (TRC/VHB)</li> <li> RTE Plants (AE)</li> <li> Natural Resource Buffer (VHB)</li> <li> Potential Bat Tree (AE)</li> <li> Natural Community (AE)</li> <li> Uncommon (S3) Plants (AE)</li> <li> Deer Wintering Area (AE)</li> </ul> | <ul style="list-style-type: none"> <li> NECPL Proposed Overland Alignment (TRC)</li> <li> Horizontal Directional Drilling (HDD)</li> <li> Jack and Bore</li> <li> Terrestrial Cable (Trenching)</li> <li> Project Parcel</li> <li> Parcel Boundary</li> <li> Study Area</li> <li> Approximate Study Area</li> <li> Sheet Outline</li> </ul> |

**Legend**

0 200 400 Feet

Sources: Background provided by VCGI (2007-2013); provided by VCGI; Readily Vriens (2007); NRCS State by NRCS (2008); State of Vermont (2013); Bear Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Study by VT Department of Fish & Wildlife (2011); Vermont Stream Corridor Assessment Project Agreement (2014); VTDES SOW (2014); Permit Boundaries (2009-2013); 100 year flood & floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & associates compiled by Arrowwood Environmental (2011); Route Corridors provided by VTDEC (2011).

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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
Sheet Number 37 of 51  
December 2, 2014

Legend for VCGI:

- Floodway (FEMA)
- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Read (VTrans)
- 50 Ft. Contour
- 10 Ft. Contour

Legend for NHI Element Occurrence (VTFW):

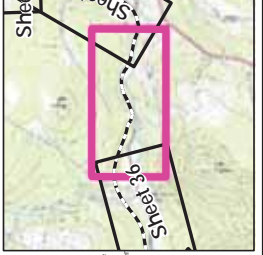
- RTES
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

Legend for NECPL Proposed Overland Alignment (TRC):

- Proposed Class II Wetland (TRC/VHB)
- Proposed Class III Wetland (TRC/VHB)
- Proposed 50' Class II Wetland Buffer (VHB)
- Approximate Stream (TRC/VHB)
- Delimited Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

Legend for VCGI:

- NHI Element Occurrence (VTFW)
- RTES
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)



Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway VTrans (2013); NRCS Soils by NRCS (2008-2013); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery & Wildlife (2011); VTrans (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & assessors compiled by VTDEC (2014).  
Orderings provided by VTDEC (2014).

**vhb** **OTRC**

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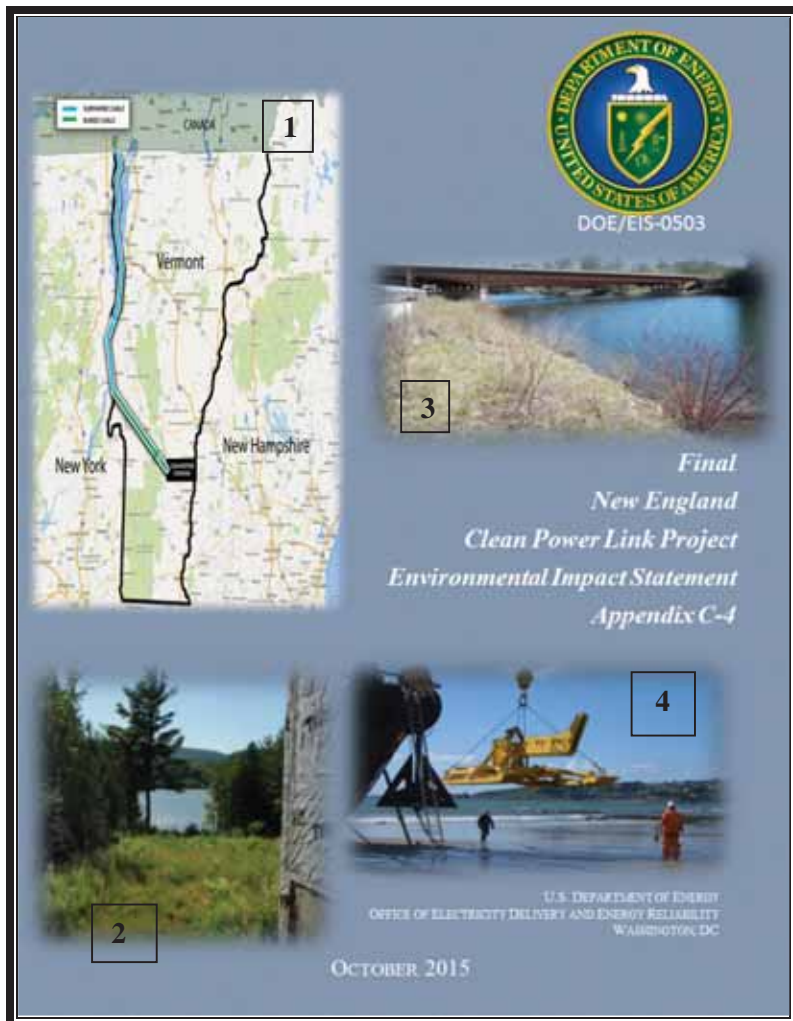


*Final  
New England  
Clean Power Link Project  
Environmental Impact Statement  
Appendix C-4*



U. S. DEPARTMENT OF ENERGY  
OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY  
WASHINGTON, DC

OCTOBER 2015



#### Cover Photo Credits

1. TDI-NE

(<http://wamc/files/styles/default/public/201410/new-england-clean-power-link-map-ctsy-tdi-new-england.jpg> alt="">)

2. NECPL exit from Lake Champlain (Benson, Vermont) courtesy of TDI-NE
3. Lake Bomoseen, Fair Haven, Vermont courtesy of TDI-NE
4. TDI-NE 2014a



**FINAL**

**NEW ENGLAND CLEAN POWER LINK PROJECT  
ENVIRONMENTAL IMPACT STATEMENT**

**DOE/EIS-0503**

**VOLUME II: APPENDICES**

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**U.S. DEPARTMENT OF ENERGY  
OFFICE OF ELECTRICITY DELIVERY  
AND ENERGY RELIABILITY**



**COOPERATING AGENCIES**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
U.S. ARMY CORPS OF ENGINEERS  
U.S. COAST GUARD**

**OCTOBER 2015**

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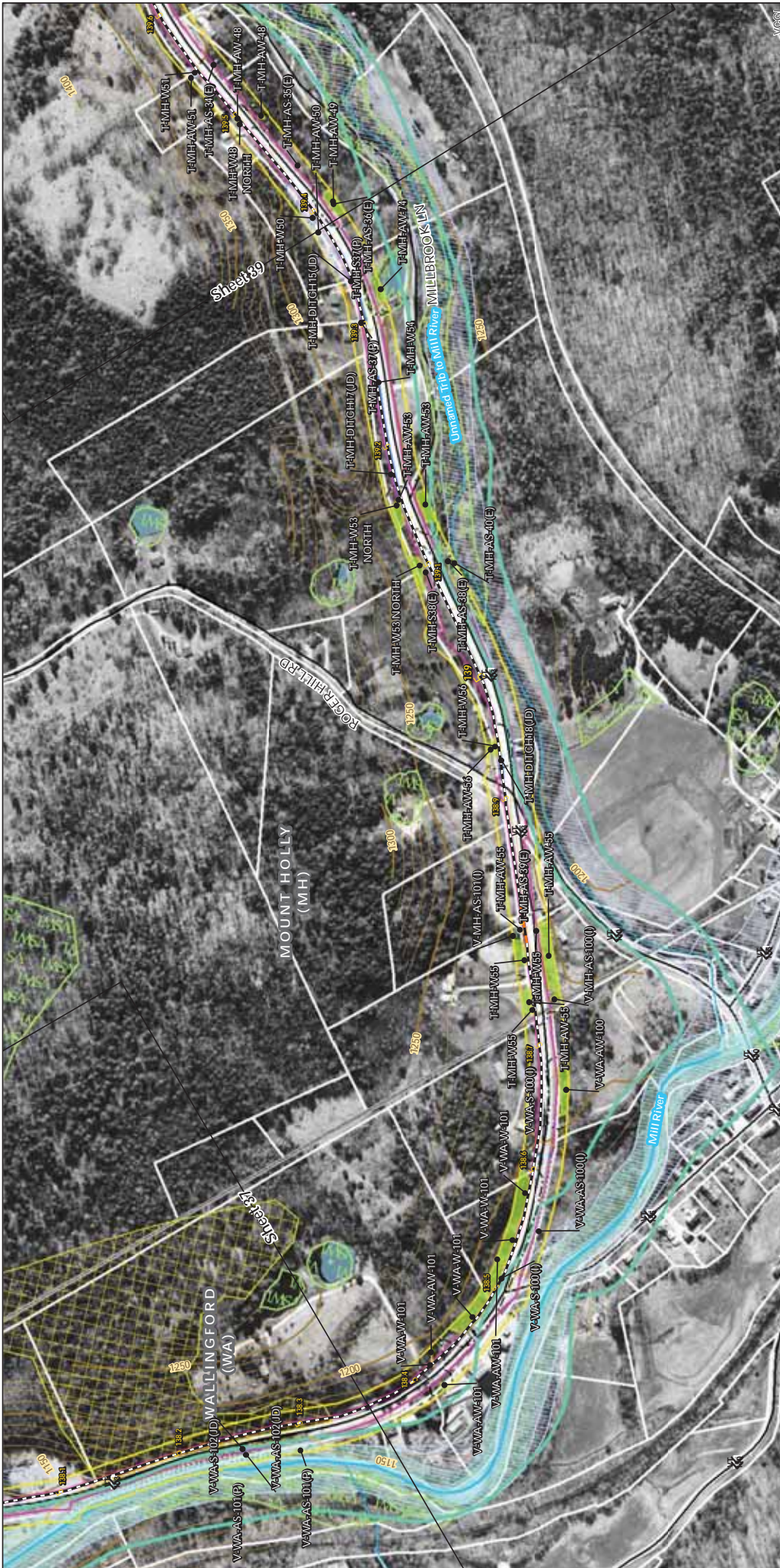
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Appendix F	Appendix F	Vermont 248 Application Cover Letter .....	F-1
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Appendix M	Appendix M	Comment Response Document .....	M-1

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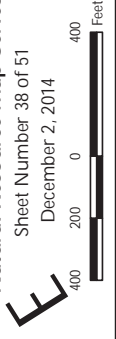
# **APPENDIX C NECPL PROJECT TRANSMISSION SYSTEM DETAILED MAPS**

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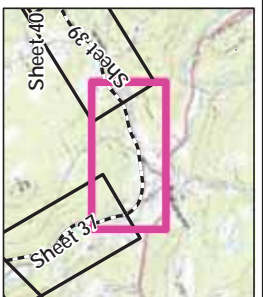


**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

Natural Resource Map Series  
Sheet Number 38 of 51  
December 2, 2014



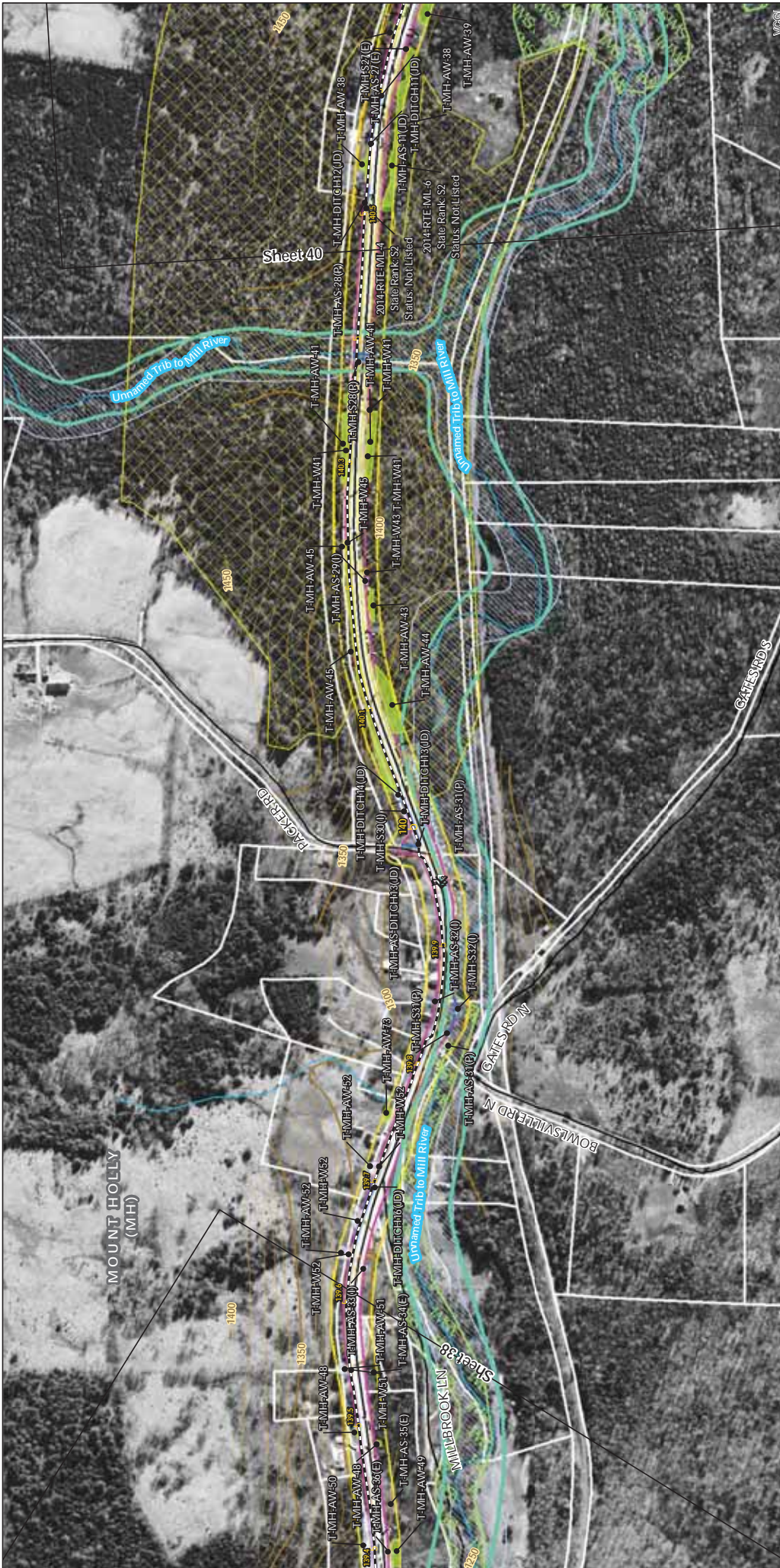
	Floodway (FEMA)		NHI Element Occurrence (VTFW)		Proposed Class II Wetland (TRC/VHB)
	100 year floodplain (FEMA)		RTES		Proposed Class III Wetland (TRC/VHB)
	River Corridor (VTDEC)		Significant Natural Community		Horizontal Directional Drilling (HDD)
	Waterbody (VHD)		Bear Crossing (VTFW)		Jack and Bore
	Town Boundary (VCGI)		Bear Feeding (VTFW)		Torrestrial Cable (Trenching)
	Country Boundary (VCGI)		Deer Wintering Area (ANR)		Project Parcel
	Read (VTrans)		VSWI Wetland (ANR)		Parcel Boundary
	50 FT. Contour		Natural Resource Buffer (VHB)		Study Area
	10 FT. Contour		Potential Bat Tree (AE)		Approximate Study Area
	Named VHD Stream (VCGI)		Natural Community (AE)		Sheet Outline
	Unnamed VHD Stream (VCGI)		Uncommon (S3) Plants (AE)		
			Deer Wintering Area (AE)		



Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway Vires (2007); NRCS Soils by NRCS (2008); Bear Crossing by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Flooding Data by VT Department of Transportation (2014); Vires (2014); Bear Crossing Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & assessors compiled by Arrowhead Environmental (2011); Report Coordinates provided by VTDEC (2014).

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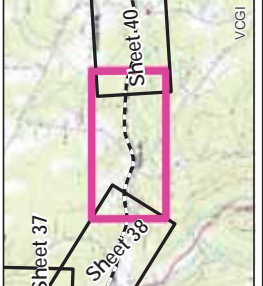
**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

Natural Resource Map Series  
Sheet Number 39 of 51  
December 2, 2014

**E**

0 200 400 Feet

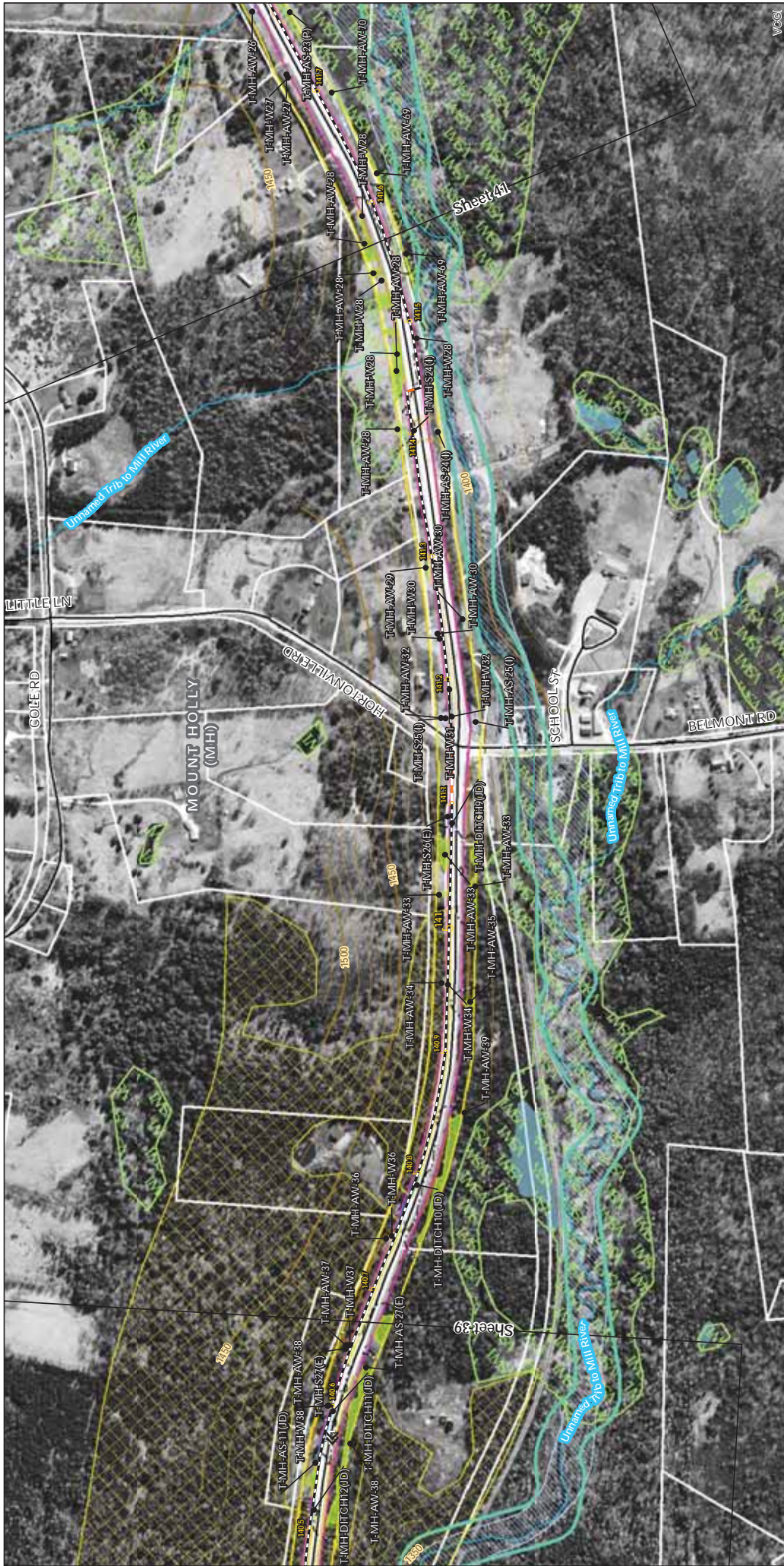
Symbol	Description
[Green Box]	Floodway (FEMA)
[Blue Box]	100 year floodplain (FEMA)
[Red Box]	River Corridor (VTDEC)
[Light Blue Box]	Waterbody (VHD)
[Light Green Box]	Town Boundary (VCGI)
[Yellow Box]	Country Boundary (VCGI)
[Black Line]	Read (V Trans)
[Orange Line]	50 FT. Contour
[Brown Line]	10 FT. Contour
[Green Box]	NHI Element Occurrence (VTFW)
[Red Box]	RTES
[Orange Box]	Significant Natural Community
[Z]	Bear Crossing (VTFW)
[%]	Bear Feeding (VTFW)
[Green Box]	Deer Wintering Area (ANR)
[Light Green Box]	VSWI Wetland (ANR)
[Light Blue Box]	Named VHD Stream (VCGI)
[Blue Line]	Unnamed VHD Stream (VCGI)
[Green Box]	Proposed Class II Wetland (TRC/VHB)
[Blue Box]	Proposed Class III Wetland (TRC/VHB)
[Dashed Line]	Proposed 50' Class II Wetland Buffer (VHB)
[Dotted Line]	Approximate Stream (TRC/VHB)
[Blue Line]	Delineated Stream (TRC/VHB)
[Green Box]	RTE Plants (AE)
[Light Green Box]	Natural Resource Buffer (VHB)
[Light Blue Box]	Potential Bat Tree (AE)
[Light Green Box]	Natural Community (AE)
[Light Blue Box]	Uncommon (S3) Plants (AE)
[Light Green Box]	Deer Wintering Area (AE)
[Green Box]	NECPL Proposed Overland Alignment (TRC)
[Dashed Line]	Horizontal Directional Drilling (HDD)
[Black Line]	Jack and Bore
[Dashed Line]	Terrrestrial Cable (Trenching)
[Black Box]	Project Parcel
[Pink Box]	Parcel Boundary
[Light Green Box]	Study Area
[Light Blue Box]	Approximate Study Area
[Black Box]	Sheet Outline



Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway Vires (2017); NRCS Soils by NRCS (2008-2013); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery, Wildlife, and Forestry (2014); Bear Crossing Project Agreement (2014); Vires SOW (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2014); Route Corridors provided by VTDEC (2014).

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### TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT

Natural Resource Map Series  
Sheet Number 40 of 51  
December 2, 2014

**NECPL Proposed Overland Alignment (TRC)**

- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Torrestrial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline

**NHI Element Occurrence (VTFW)**

- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**Proposed Class II Wetland (TRC/VHB)**

- Proposed Class III Wetland (TRC/VHB)
- Approximate Stream (TRC/VHB)
- Delineated Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**RTES**

- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**Floodway (FEMA)**

- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Read (VTrans)
- 50 Ft. Contour
- 10 Ft. Contour

**NECPL Proposed Overland Alignment (TRC)**

- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Torrestrial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline

**NHI Element Occurrence (VTFW)**

- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**Proposed Class II Wetland (TRC/VHB)**

- Proposed Class III Wetland (TRC/VHB)
- Approximate Stream (TRC/VHB)
- Delineated Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**RTES**

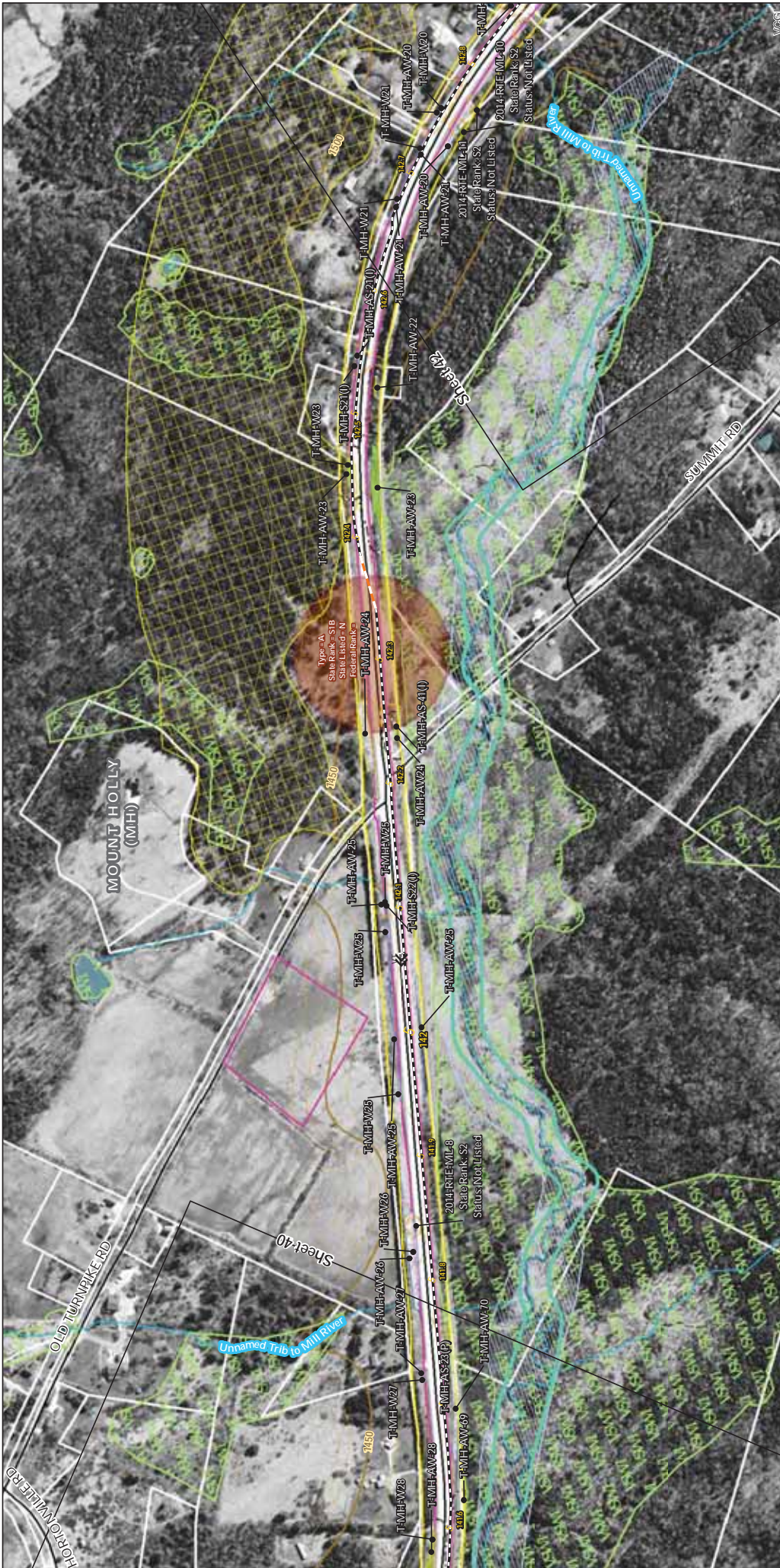
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**Floodway (FEMA)**

- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Read (VTrans)
- 50 Ft. Contour
- 10 Ft. Contour

Feet

Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway VTrans (2013); NRCS State by NRCS (2008-2013); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Study by VT Department of Fishery & Wildlife (2014); Vermont Statewide Wetlands Inventory (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2014); Roadway assessment completed by VTDEC (2014).  
Order: 12/2/2014



**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**

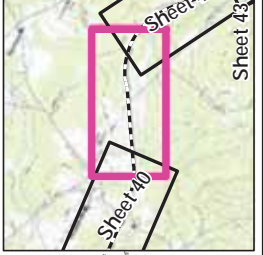
Natural Resource Map Series  
Sheet Number 41 of 51  
December 2, 2014

- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Torrestrial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

- NHI Element Occurrence (VTFW)**
- RTES
  - Significant Natural Community
  - Z Bear Crossing (VTFW)
  - % Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)

- Proposed Class II Wetland (TRC/VHB)**
- Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delimited Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)

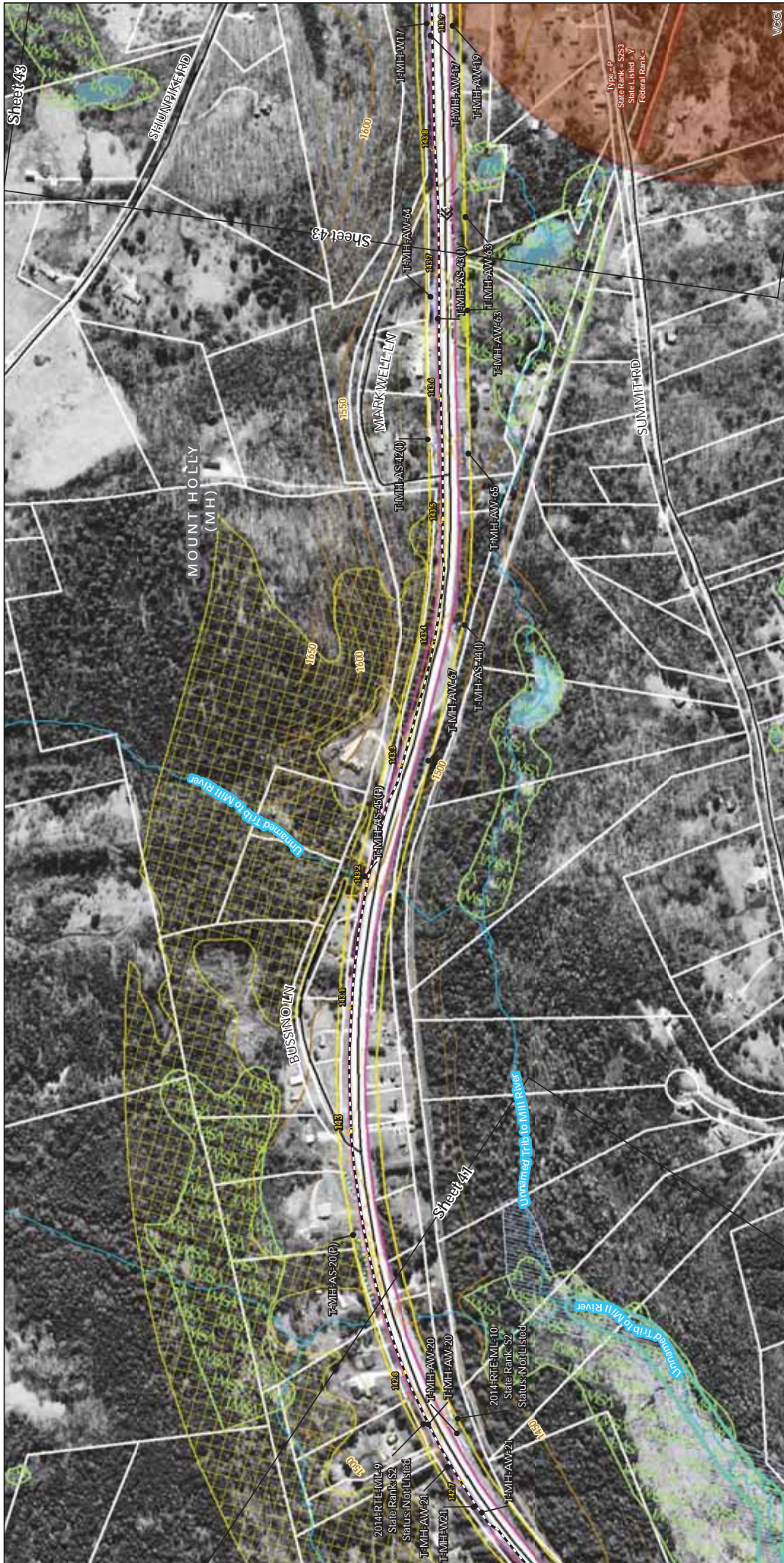
- Floodway (FEMA)**
- 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Read (VTrans)
  - 50 FT. Contour
  - 10 FT. Contour



Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway VTrans (2013); NRCS Soils by NRCS (2008-2013); Bear Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery and Wildlife Management (2014); Parcel Boundaries from Aerial Imagery (2014); VTrans ROW (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & VTrans (2011); Wetland & Stream Delineations (2011); River Corridors provided by VTDEC (2011).

**vhb**  
**QTRC**

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**TDI - NECPL Project**  
**Overland Component**  
**Grand Isle, Rutland, &**  
**Windsor Counties, VT**  
**Natural Resource Map Series**  
 Sheet Number 42 of 51  
 December 2, 2014

- Floodway (FEMA)
  - 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Road (V Trans)
  - 50 Ft. Contour
  - 10 Ft. Contour
- NHI Element Occurrence (VTFW)
  - RTEs
  - Significant Natural Community
  - Bear Crossing (VTFW)
  - Bear Feeding (VTFW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)
- Proposed Class II Wetland (TRC/VHB)
  - Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delineated Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)
- NECPL Proposed Overland Alignment (TRC)
  - Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Terrestrial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

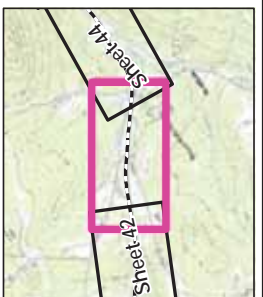
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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT  
Natural Resource Map Series**  
Sheet Number 43 of 51  
December 2, 2014

- |  |                            |  |                               |  |  |  |   |
|--|----------------------------|--|-------------------------------|--|--|--|---|
|  | Floodway (FEMA)            |  | NHI Element Occurrence (VTFW) |  | Proposed Class II Wetland (TRC/VHB)        |  | NECPL Proposed Overland Alignment (TRC) |
|  | 100 year floodplain (FEMA) |  | Significant Natural Community |  | Proposed Class III Wetland (TRC/VHB)       |  | Horizontal Directional Drilling (HDD)   |
|  | River Corridor (VTDEC)     |  | Bear Crossing (VTFW)          |  | Proposed 50' Class II Wetland Buffer (VHB) |  | Jack and Bore                           |
|  | Waterbody (VHD)            |  | Bear Feeding (VTFW)           |  | Approximate Stream (TRC/VHB)               |  | Terrrestrial Cable (Trenching)          |
|  | Town Boundary (VCGI)       |  | Deer Feeding (VTFW)           |  | Delineated Stream (TRC/VHB)                |  | Project Parcel                          |
|  | Country Boundary (VCGI)    |  | Deer Wintering Area (ANR)     |  | RTE Plants (AE)                            |  | Parcel Boundary                         |
|  | Read (VTrans)              |  | VSWI Wetland (ANR)            |  | Natural Resource Buffer (VHB)              |  | Study Area                              |
|  | 50 FT. Contour             |  | Named VHD Stream (VCGI)       |  | Potential Bat Tree (AE)                    |  | Approximate Study Area                  |
|  | 10 FT. Contour             |  | Unnamed VHD Stream (VCGI)     |  | Natural Community (AE)                     |  | Sheet Outline                           |
|  |                            |  |                               |  | Uncommon (S3) Plants (AE)                  |  |   |
|  |                            |  |                               |  | Deer Wintering Area (AE)                   |  |   |



Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway Vires (2017); NRCS Soils by NRCS (2008); 2013); Bear Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery & Wildlife (2014); Vires (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2014); Roadway corridors provided by VTDEC (2014).

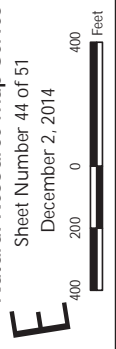
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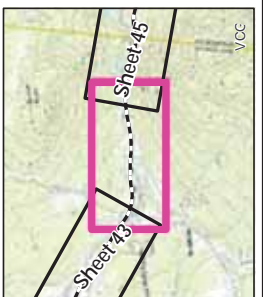


# TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT

Natural Resource Map Series  
Sheet Number 44 of 51  
December 2, 2014

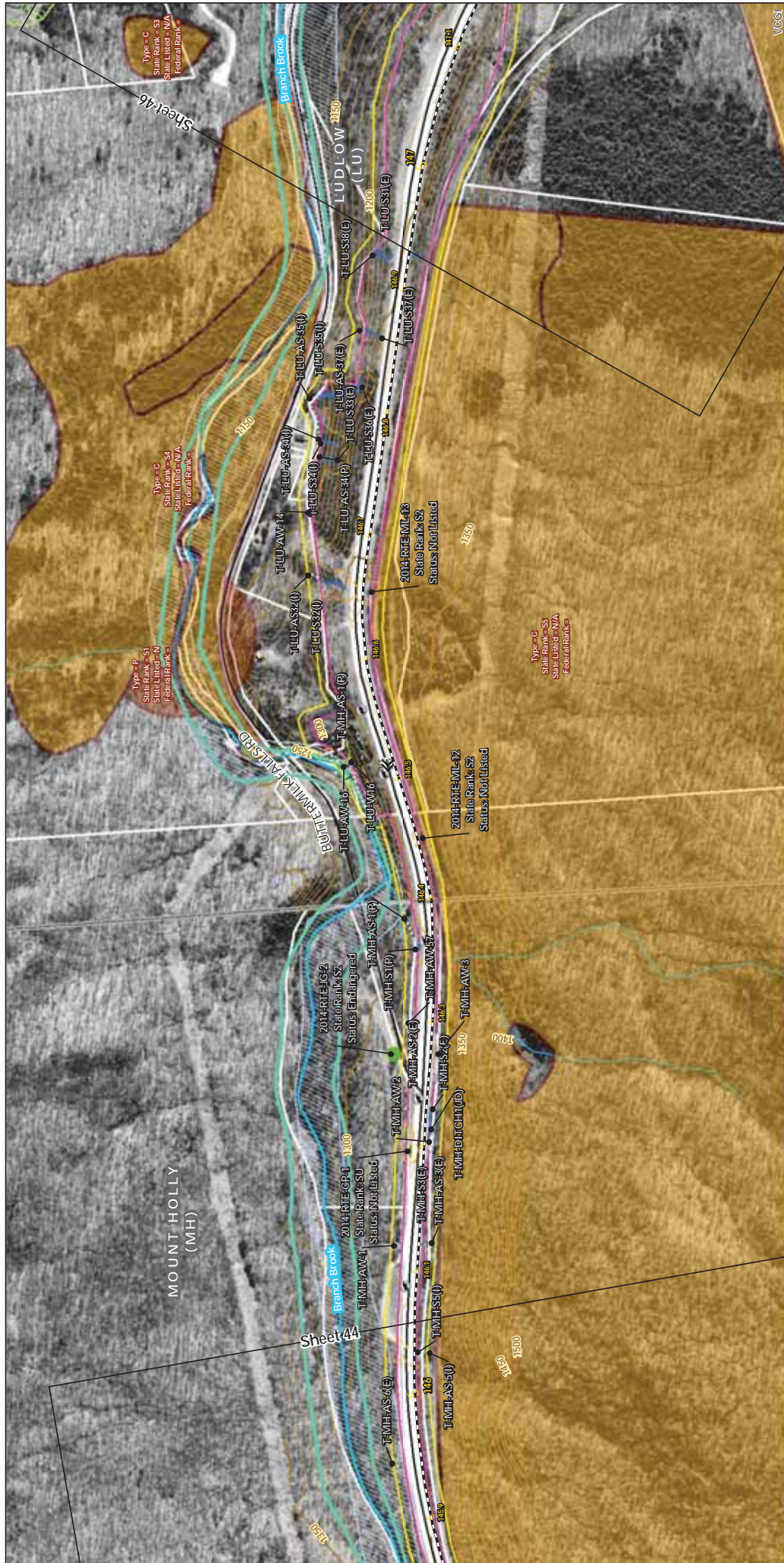


- |  |                            |
|--|----------------------------|
|  | Floodway (FEMA)            |
|  | 100 year floodplain (FEMA) |
|  | River Corridor (VTDEC)     |
|  | Waterbody (VHD)            |
|  | Town Boundary (VCGI)       |
|  | Country Boundary (VCGI)    |
|  | Road (VTrans)              |
|  | 50 Ft. Contour             |
|  | 10 Ft. Contour             |
- 
- |  |                               |
|--|-------------------------------|
|  | NHI Element Occurrence (VTFW) |
|  | RTEs                          |
|  | Significant Natural Community |
|  | Bear Crossing (VTFW)          |
|  | Bear Feeding (VTFW)           |
|  | Deer Wintering Area (ANR)     |
|  | VSWI Wetland (ANR)            |
|  | Named VHD Stream (VCGI)       |
|  | Unnamed VHD Stream (VCGI)     |
- 
- |  |  |
|--|--|
|  | Proposed Class II Wetland (TRC/VHB)        |
|  | Proposed Class III Wetland (TRC/VHB)       |
|  | Proposed 50' Class II Wetland Buffer (VHB) |
|  | Approximate Stream (TRC/VHB)               |
|  | Delineated Stream (TRC/VHB)                |
|  | RTE Plants (AE)                            |
|  | Natural Resource Buffer (VHB)              |
|  | Potential Bat Tree (AE)                    |
|  | Natural Community (AE)                     |
|  | Uncommon (S3) Plants (AE)                  |
|  | Deer Wintering Area (AE)                   |
- 
- |  |   |
|--|---|
|  | NECPL Proposed Overland Alignment (TRC) |
|  | Horizontal Directional Drilling (HDD)   |
|  | Jack and Bore                           |
|  | Terrestrial Cable (Trenching)           |
|  | Project Parcel                          |
|  | Parcel Boundary                         |
|  | Study Area                              |
|  | Approximate Study Area                  |
|  | Sheet Outline                           |



Sources: Background provided by VCGI (2007-2013). Provided by VCGI. Roadway VTrans (2013). NRCS State by NRCS (2008). Bear Wintering Area by ANR (2013). County and Town Boundaries by VCGI (2012). Bear Crossing & Feeding Data by VT Department of Fishery & Wildlife (2013). Vermont Department of Environmental Conservation (2014). Vermont Statewide Wetland Inventory (2009-2013). 100 year Flood & Floodway compiled by TRC from FEMA (2011). Wetland & Stream Delineations by TRC & assessors completed by Arrowwood Environmental (2014). Road corridors provided by VTDEC (2014).

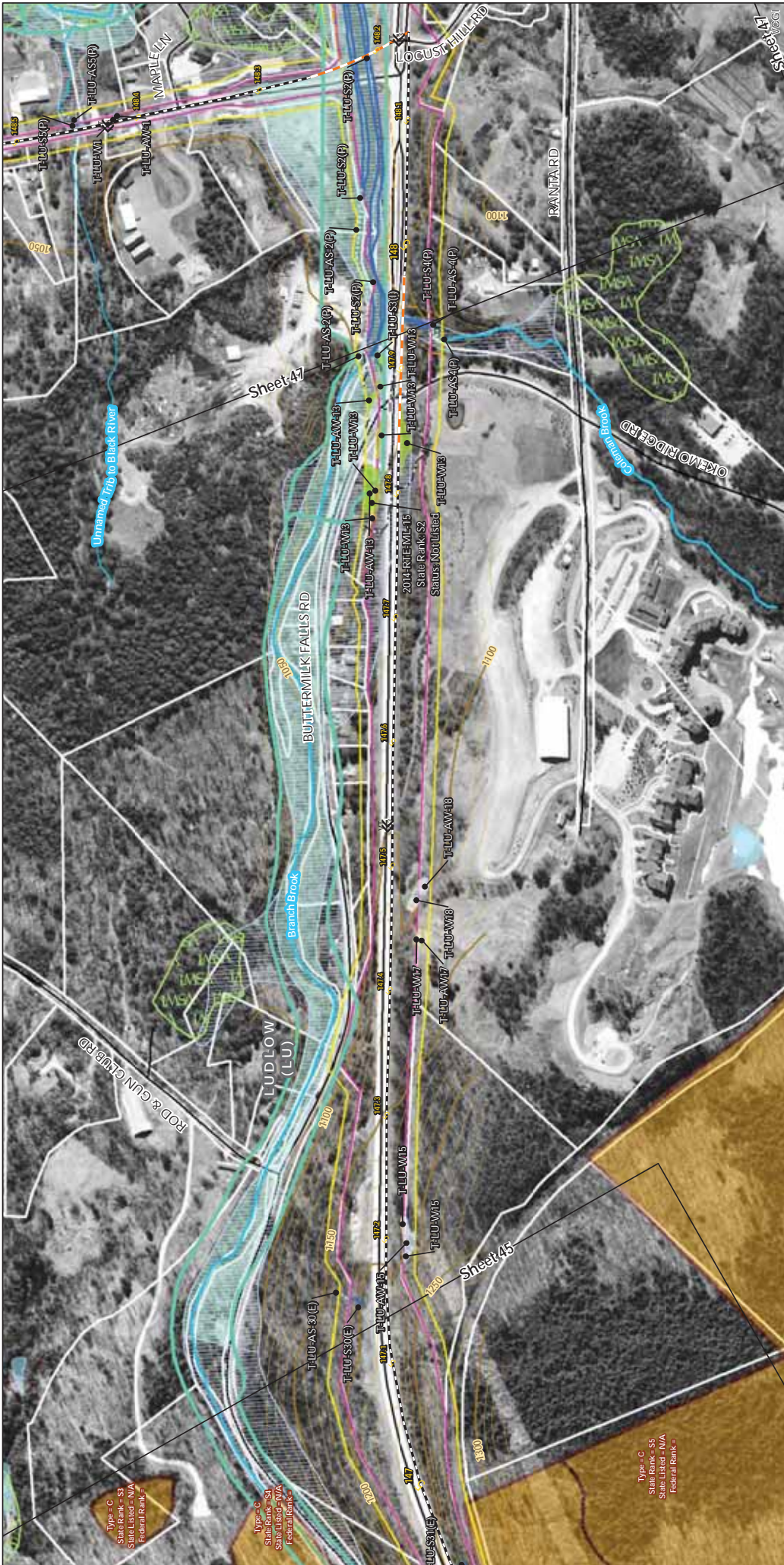
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# TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT Natural Resource Map Series

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December 2, 2014

- |  |                            |
|--|----------------------------|
|  | Floodway (FEMA)            |
|  | 100 year floodplain (FEMA) |
|  | River Corridor (VTDEC)     |
|  | Waterbody (VHD)            |
|  | Town Boundary (VCGI)       |
|  | Country Boundary (VCGI)    |
|  | Road (VTrans)              |
|  | 50 FT. Contour             |
|  | 10 FT. Contour             |
- 
- |  |                               |
|--|-------------------------------|
|  | NHI Element Occurrence (VTRW) |
|  | RTES                          |
|  | Significant Natural Community |
|  | Bear Crossing (VTFW)          |
|  | Bear Feeding (VTFW)           |
|  | Deer Wintering Area (ANR)     |
|  | VSWI Wetland (ANR)            |
|  | Natural VHD Stream (VCGI)     |
|  | Unnamed VHD Stream (VCGI)     |
- 
- |  |   |
|--|---|
|  | Proposed Class II Wetland (TRC/VHB)           |
|  | Proposed Class III Wetland (TRC/VHB)          |
|  | Approximate 50' Class II Wetland Buffer (VHB) |
|  | Approximate Stream (TRC/VHB)                  |
|  | Delimited Stream (TRC/VHB)                    |
|  | RTE Plants (AE)                               |
|  | Natural Resource Buffer (VHB)                 |
|  | Potential Bat Tree (AE)                       |
|  | Natural Community (AE)                        |
|  | Uncommon (S3) Plants (AE)                     |
|  | Deer Wintering Area (AE)                      |
- 
- |  |   |
|--|---|
|  | NECPL Proposed Overland Alignment (TRC) |
|  | Horizontal Directional Drilling (HDD)   |
|  | Jack and Bore                           |
|  | Terrrestrial Cable (Trenching)          |
|  | Project Parcel                          |
|  | Parcel Boundary                         |
|  | Study Area                              |
|  | Approximate Study Area                  |
|  | Sheet Outline                           |



## TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT

### Natural Resource Map Series

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December 2, 2014

Sheet 47

Sheet 45

Sheet 44

Sheet 48

Sheet 43

Feet

0 200 400

Types - C  
State Rank - S5  
State Listed - N/A  
Federal Rank -

Types - C  
State Rank - S5  
State Listed - N/A  
Federal Rank -

Types - C  
State Rank - S5  
State Listed - N/A  
Federal Rank -

Types - C  
State Rank - S5  
State Listed - N/A  
Federal Rank -

NECPL Proposed Overland Alignment (TRC)

- Horizontal Directional Drilling (HDD)
- Jack and Bore
- Terrrestrial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline

Proposed Class II Wetland (TRC/VHB)

- Proposed Class III Wetland (TRC/VHB)
- Proposed 50' Class II Wetland Buffer (VHB)
- Approximate Stream (TRC/VHB)
- Delineated Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

NHI Element Occurrence (VTRW)

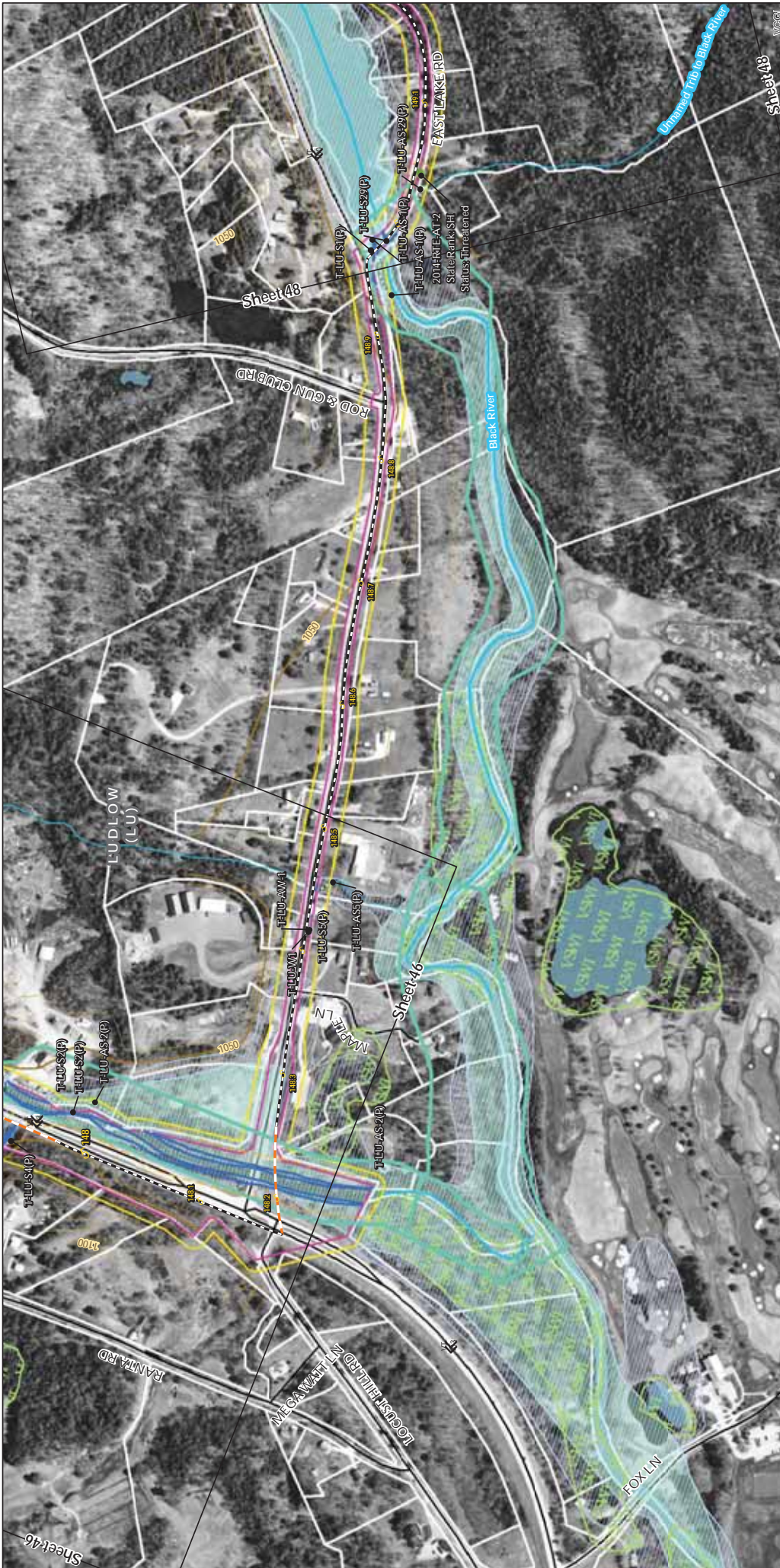
- RTES
- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

Floodway (FEMA)

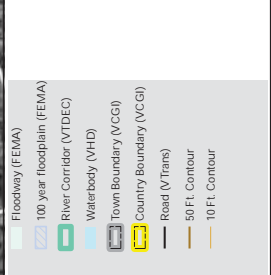
- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Road V Trans
- 50 FT. Contour
- 10 FT. Contour

Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway Vtrans (2017); NRCS data by NRCS (2008-2013); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding data by VT Natural Resources Agency (2014); Vtrans (2014); Parcel Boundaries (2009-2013); 100 year Flood & Floodway compiled by TRC from FEMA (2014); Wetland & Stream Delineations by TRC & assessors completed by Arrowwood Environmental (2014); Roadway Corridors provided by VTDEC (2014).

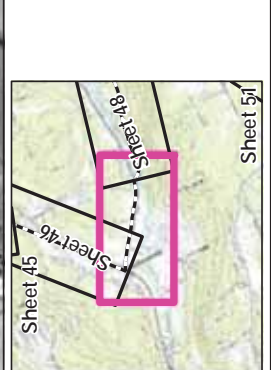
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**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
Natural Resource Map Series  
Sheet Number 47 of 51  
December 2, 2014



- |                            |                               |  |   |
|----------------------------|-------------------------------|--|---|
| Floodway (FEMA)            | NHI Element Occurrence (VTFW) | Proposed Class II Wetland (TRC/VHB)        | NECPL Proposed Overland Alignment (TRC) |
| 100 year floodplain (FEMA) | RTEs                          | Proposed Class III Wetland (TRC/VHB)       | Horizontal Directional Drilling (HDD)   |
| River Corridor (VTDEC)     | Significant Natural Community | Proposed 50' Class II Wetland Buffer (VHB) | Jack and Bore                           |
| Waterbody (VHD)            | Bear Crossing (VTFW)          | Approximate Stream (TRC/VHB)               | Terrestrial Cable (Trenching)           |
| Town Boundary (VCGI)       | Bear Feeding (VTFW)           | Delineated Stream (TRC/VHB)                | Project Parcel                          |
| Country Boundary (VCGI)    | Deer Wintering Area (ANR)     | RTE Plants (AE)                            | Parcel Boundary                         |
| Road (VTrans)              | VSWI Wetland (ANR)            | Natural Resource Buffer (VHB)              | Study Area                              |
| 50 FT. Contour             | Named VHD Stream (VCGI)       | Potential Bat Tree (AE)                    | Approximate Study Area                  |
| 10 FT. Contour             | Unnamed VHD Stream (VCGI)     | Natural Community (AE)                     | Sheet Outline                           |
|                            | Deer Wintering Area (AE)      | Uncommon (S3) Plants (AE)                  |   |
|                            | Deer Wintering Area (AE)      | Deer Wintering Area (AE)                   |   |

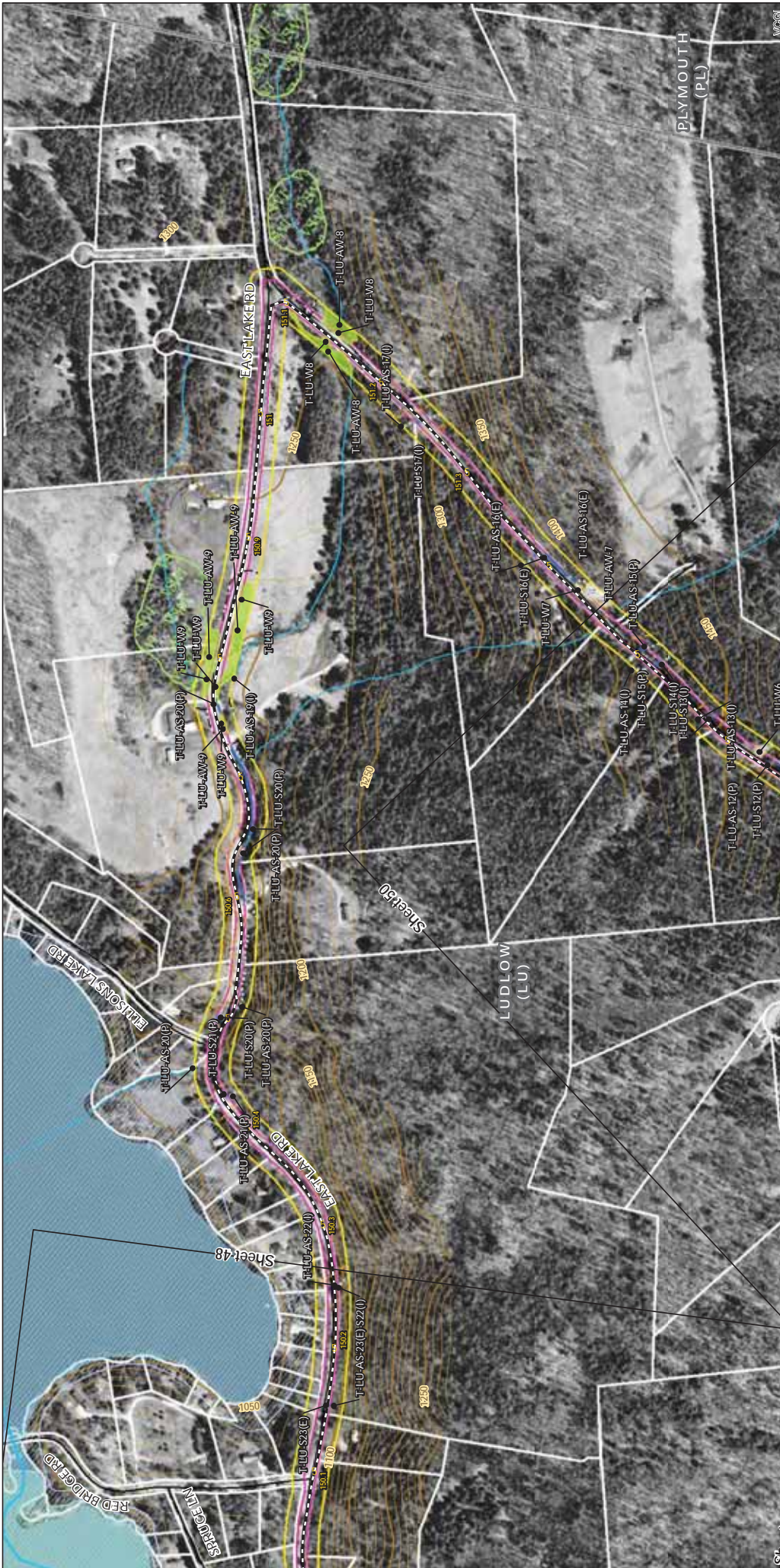


Sources Background provided by VCGI (2007-2013) provided by VCGI, Roadway VTrans (2007-2013), NRCS Soils by NRCS (2008-2013), Bear Wintering Area by ANR (2013), County and Town Boundaries by VCGI (2012), Bear Crossing & Feeding Areas by VT Department of Fishery and Wildlife Management (2014), Vermont Conservation Project Agreement (2014), VTrans ROW (2014), Parcel Boundaries (2009-2013), 100 year Flood & Floodway compiled by TRC from FEMA (2011), Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2011), Roadway Corridors provided by VTDEC (2011).

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### TDI - NECPL Project Overland Component Grand Isle, Rutland, & Windsor Counties, VT

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**NECPL Proposed Overland Alignment (TRC)**

- Horizontal Directional Drilling (HDD)
- - - Jack and Bore
- - - Terrestrial Cable (Trenching)
- Project Parcel
- Parcel Boundary
- Study Area
- Approximate Study Area
- Sheet Outline

**NHI Element Occurrence (VTFW)**

- Significant Natural Community
- Bear Crossing (VTFW)
- Bear Feeding (VTFW)
- Deer Wintering Area (ANR)
- VSWI Wetland (ANR)
- Named VHD Stream (VCGI)
- Unnamed VHD Stream (VCGI)

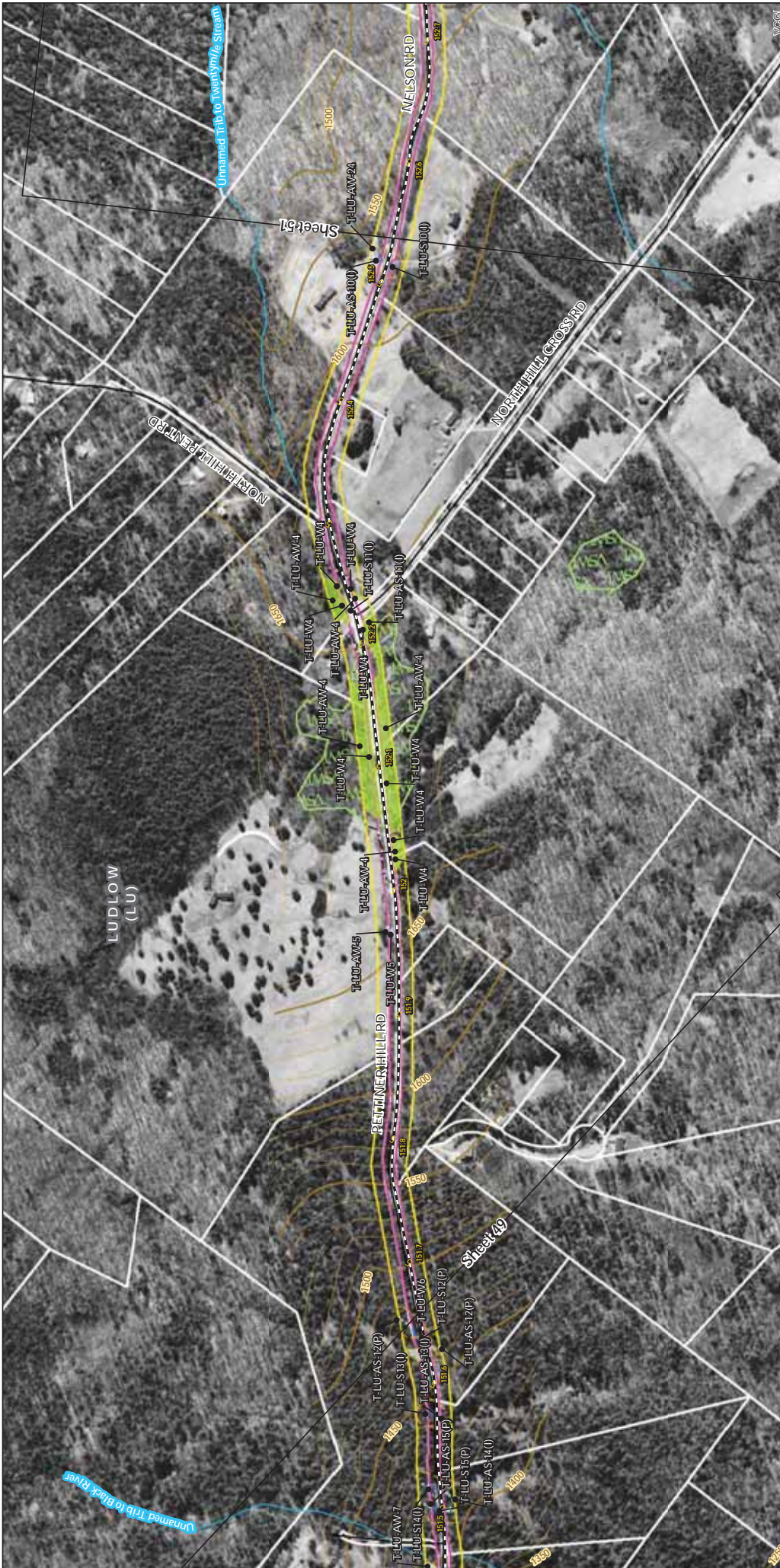
**Proposed Class II Wetland (TRC/VHB)**

- Proposed Class II Wetland (TRC/VHB)
- Proposed Class III Wetland (TRC/VHB)
- Approximate Stream (TRC/VHB)
- Delineated Stream (TRC/VHB)
- RTE Plants (AE)
- Natural Resource Buffer (VHB)
- Potential Bat Tree (AE)
- Natural Community (AE)
- Uncommon (S3) Plants (AE)
- Deer Wintering Area (AE)

**Floodway (FEMA)**

- 100 year floodplain (FEMA)
- River Corridor (VTDEC)
- Waterbody (VHD)
- Town Boundary (VCGI)
- Country Boundary (VCGI)
- Road (VTrans)
- 50 FT. Contour
- 10 FT. Contour

**VT INFODATA: Project\57464.00 NE Clean Power Link\GIS\Project\NR\_Maps\NRMaps\_11x17\_400scale.mxd** exported by seoplin On 12/2/2014



**TDI - NECPL Project  
Overland Component  
Grand Isle, Rutland, &  
Windsor Counties, VT**  
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- NECPL Proposed Overland Alignment (TRC)**
- Horizontal Directional Drilling (HDD)
  - Jack and Bore
  - Terrrestrial Cable (Trenching)
  - Project Parcel
  - Parcel Boundary
  - Study Area
  - Approximate Study Area
  - Sheet Outline

- NHI Element Occurrence (VTRW)**
- RTES
  - Significant Natural Community
  - Bear Crossing (VTRW)
  - Bear Feeding (VTRW)
  - Deer Wintering Area (ANR)
  - VSWI Wetland (ANR)
  - Named VHD Stream (VCGI)
  - Unnamed VHD Stream (VCGI)

- Proposed Class II Wetland (TRC/VHB)**
- Proposed Class III Wetland (TRC/VHB)
  - Proposed 50' Class II Wetland Buffer (VHB)
  - Approximate Stream (TRC/VHB)
  - Delimited Stream (TRC/VHB)
  - RTE Plants (AE)
  - Natural Resource Buffer (VHB)
  - Potential Bat Tree (AE)
  - Natural Community (AE)
  - Uncommon (S3) Plants (AE)
  - Deer Wintering Area (AE)

- Floodway (FEMA)**
- 100 year floodplain (FEMA)
  - River Corridor (VTDEC)
  - Waterbody (VHD)
  - Town Boundary (VCGI)
  - Country Boundary (VCGI)
  - Read (VTrans)
  - 50 FT. Contour
  - 10 FT. Contour

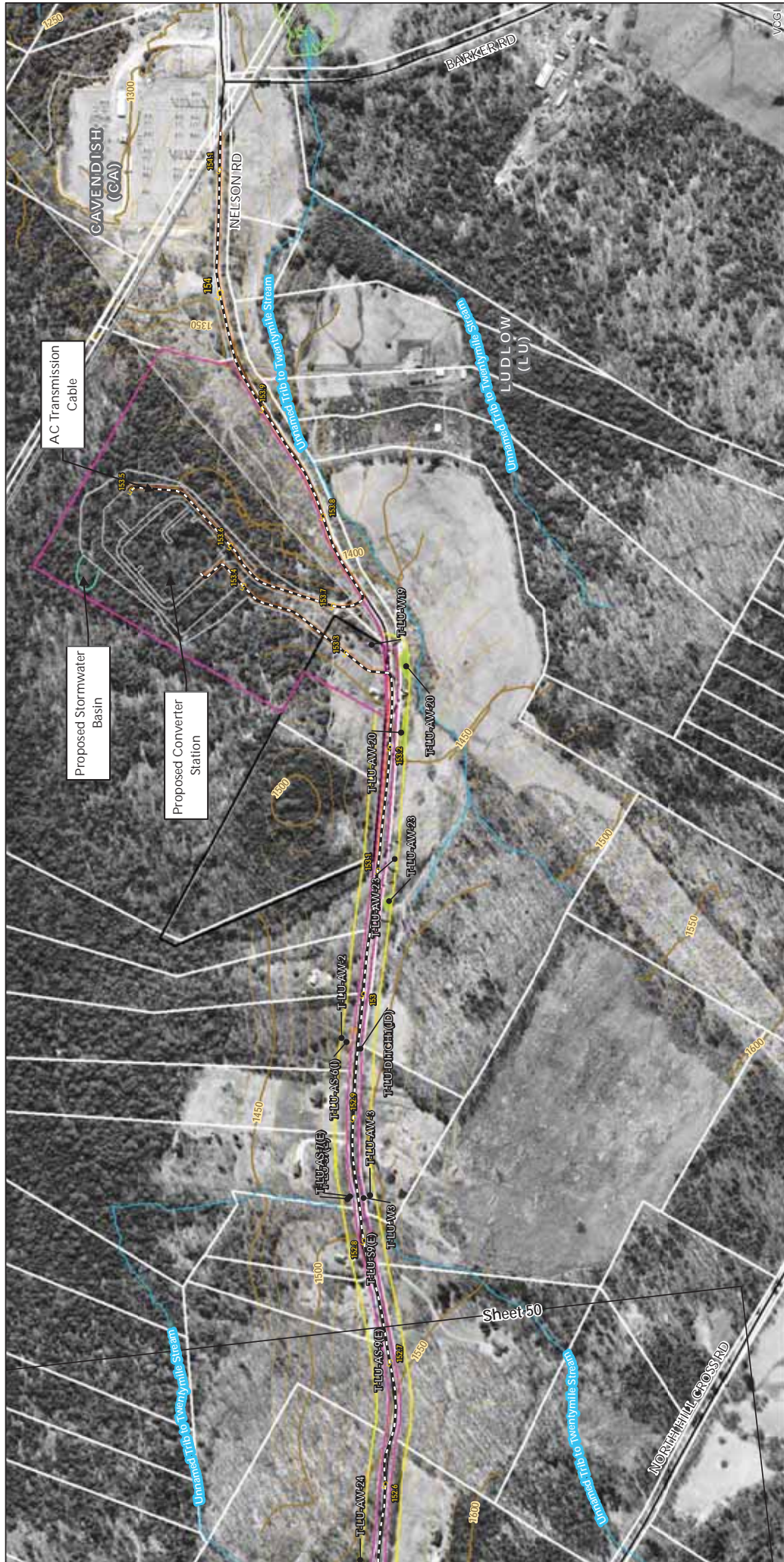
- Other Features**
- Unnamed Tributary to Black River
  - Unnamed Tributary to Twenty Mile Stream



Source: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway VTrans (2012); NRCS soils by NRCS (2008-2013); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding data by VT Conservation Project Agreement (2014); VTrans ROW (2014); Parcel Boundaries (2009-2013); 100 year flood & floodway compiled by TRC from FEMA (2011); Wetland & Stream Delineations by TRC & assessors compiled by VTDEC (2014).  
Orderings provided by VTDEC (2014).

**vhb**  
**OTRC**

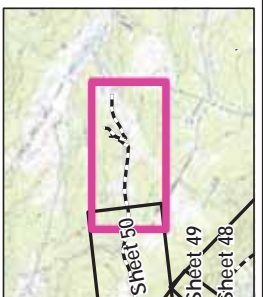
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**TDI - NECPL Project  
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Grand Isle, Rutland, &  
Windsor Counties, VT**

Natural Resource Map Series  
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December 2, 2014

- |  |  |  |  |
|--|--|--|--|
| <ul style="list-style-type: none"> <li>Floodway (FEMA)</li> <li>100 year floodplain (FEMA)</li> <li>River Corridor (VTDEC)</li> <li>Waterbody (VHD)</li> <li>Town Boundary (VCGI)</li> <li>Country Boundary (VCGI)</li> <li>Read (VTrans)</li> <li>50 FT. Contour</li> <li>10 FT. Contour</li> </ul> | <ul style="list-style-type: none"> <li>NHI Element Occurrence (VTFW)</li> <li>RTES</li> <li>Significant Natural Community</li> <li>Bear Crossing (VTFW)</li> <li>Bear Feeding (VTFW)</li> <li>Deer Wintering Area (ANR)</li> <li>VSWI Wetland (ANR)</li> <li>Named VHD Stream (VCGI)</li> <li>Unnamed VHD Stream (VCGI)</li> </ul> | <ul style="list-style-type: none"> <li>Proposed Class II Wetland (TRC/VHB)</li> <li>Proposed Class III Wetland (TRC/VHB)</li> <li>Proposed 50' Class II Wetland Buffer (VHB)</li> <li>Approximate Stream (TRC/VHB)</li> <li>Delineated Stream (TRC/VHB)</li> <li>RTE Plants (AE)</li> <li>Natural Resource Buffer (VHB)</li> <li>Potential Bat Tree (AE)</li> <li>Natural Community (AE)</li> <li>Uncommon (S3) Plants (AE)</li> <li>Deer Wintering Area (AE)</li> </ul> | <ul style="list-style-type: none"> <li>NECPL Proposed Overland Alignment (TRC)</li> <li>Horizontal Directional Drilling (HDD)</li> <li>Jack and Bore</li> <li>Territorial Cable (Trenching)</li> <li>Project Parcel</li> <li>Parcel Boundary</li> <li>Study Area</li> <li>Approximate Study Area</li> <li>Sheet Outline</li> </ul> |
|--|--|--|--|



Sources: Background provided by VCGI (2007-2013); Provided by VCGI; Roadway VTrans (2012); NRCS Sinks by NRCS (2008); Deer Wintering Area by ANR (2013); County and Town Boundaries by VCGI (2012); Bear Crossing & Feeding Data by VT Department of Fishery & Wildlife (2014); VTrans (2014); Parcel Boundaries from FEMA (2013); 100 year Flood & Floodway compiled by TRC from FEMA (2014); Wetland & Stream Delineations by TRC & Associates completed by Arrowwood Environmental (2014); Roadway Corridors provided by VTDEC (2014).