

| VHB Impact Exhibit # | Wetland ID ¹ | NR Sheet # | Town | Cowardin Classification ² | Delineated Area (Sq Ft) | Proposed Wetland Impacts | | | | | TOTAL IMPACTS (SQ FT) | Abutters ⁹ | |
|----------------------|-------------------------|------------|------------|--------------------------------------|-------------------------|--|--|-----------------------------|---------------------------------|--------------------------------|-----------------------|-----------------------|--|
| | | | | | | Permanent Impacts (Sq Ft) ³ | Temporary Impacts (Sq Ft) ⁴ | | | Secondary Impacts (Sq Ft) | | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | Trenching/Earthwork ⁵ | Forested Areas ⁶ | Non-Forested Areas ⁷ | Forest Conversion ⁸ | | | |
| 3 | V-BE-W-14 | 4 | Benson | PSS/PFO | 1480 | 0 | 0 | 49 | 356 | 0 | 405 | 12, 38 | Town of Benson, Eunice Munger Life Estate |
| 6 | V-BE-W-100 | 5 | Benson | PEM | 740 | 0 | 29 | 0 | 45 | 0 | 74 | 63, 84 | David & Debra Tyler, Vermont Agency of Transportation |
| 7 | V-BE-W-101 | 5 | Benson | PEM | 910 | 0 | 788 | 0 | 119 | 0 | 907 | 63, 84 | David & Debra Tyler, Vermont Agency of Transportation |
| 12 | V-WH-W-101 | 9 | West Haven | PEM | 140 | 0 | 113 | 0 | 29 | 0 | 142 | 84, 94, 95 | Vermont Agency of Transportation, Williams Properties, LLC, Williams Properties, LLC |
| 12 | V-WH-W-100 | 9 | West Haven | PEM | 100 | 0 | 90 | 0 | 8 | 0 | 98 | 84, 94, 95 | Vermont Agency of Transportation, Williams Properties, LLC, Williams Properties, LLC |
| 14 | V-WH-W-5 | 9 | West Haven | PEM | 1450 | 0 | 1168 | 0 | 286 | 0 | 1454 | 84, 96, 99 | Vermont Agency of Transportation, The Nature Conservancy, The Nature Conservancy |
| 15 | V-WH-W-6 | 9 | West Haven | PEM | 120 | 0 | 106 | 0 | 10 | 0 | 116 | 84, 96, 97 | Vermont Agency of Transportation, The Nature Conservancy, Langis Ancil |
| 16 | V-WH-W-8 | 9 | West Haven | PEM | 6360 | 0 | 1898 | 0 | 587 | 0 | 2485 | 84, 96, 99 | Vermont Agency of Transportation, The Nature Conservancy, The Nature Conservancy |
| 17 | V-WH-W-10 | 9 | West Haven | PEM | 1800 | 0 | 0 | 0 | 2252 | 0 | 2252 | 84, 101 | Vermont Agency of Transportation, Linda Benissi |
| 17 | V-WH-AW-10 | 9 | West Haven | PEM | 7150 | 0 | 0 | 0 | 241 | 0 | 241 | 84, 101 | Vermont Agency of Transportation, Linda Benissi |

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| | | | | | | | Trenching/Earthwork ⁵ | Forested Areas ⁶ | Non-Forested Areas ⁷ | Forest Conversion ⁸ | | | |
| 18 | V-WH-W-11 | 10 | West Haven | PEM | 1220 | 0 | 0 | 0 | 680 | 0 | 680 | 84, 101, 102 | Vermont Agency of Transportation, Linda Benissi, Peter Doran |
| 24 | V-FH-W-22 | 11 | Fair Haven | PEM | 1130 | 0 | 138 | 0 | 962 | 0 | 1100 | 84, 118 | Vermont Agency of Transportation, Kathleen Knapp |
| 25 | V-FH-W-21 | 11 | Fair Haven | PEM/PSS | 8780 | 0 | 654 | 988 | 307 | 828 | 2777 | 84, 122 | Vermont Agency of Transportation, Phillip Stannard, Sr. & Kathleen Knapp |
| 27 | V-FH-W-19 | 12 | Fair Haven | PEM | 9070 | 0 | 0 | 0 | 43 | 0 | 43 | 84, 124 | Vermont Agency of Transportation, Kevin & Aileen Durkee |
| 29 | V-FH-W-29 | 12 | Fair Haven | PEM / PSS | 920 | 0 | 124 | 0 | 796 | 0 | 920 | 128, 252 | Paul & Colleen Heibler, Vermont Agency of Transportation |
| 32 | V-FH-W-5 | 13 | Fair Haven | PEM | 6290 | 0 | 0 | 275 | 0 | 0 | 275 | 252 | Vermont Agency of Transportation |
| 33, 34 | V-FH-W-4 | 13 | Fair Haven | PEM / PFO / PSS | 85510 | 0 | 15 | 1035 | 544 | 707 | 2301 | 252 | Vermont Agency of Transportation |
| 35 | V-FH-W-6 | 13 | Fair Haven | PEM | 5320 | 0 | 1092 | 138 | 1228 | 0 | 2458 | 252 | Vermont Agency of Transportation |
| 42 | V-CN-W-103 | 15 | Castleton | PEM / PSS | 25930 | 0 | 27 | 0 | 733 | 0 | 760 | 252 | Vermont Agency of Transportation |
| 43 | V-CN-W-104 | 15 | Castleton | PFO / PEM / PSS | 119100 | 0 | 0 | 1007 | 0 | 0 | 1007 | 252 | Vermont Agency of Transportation |
| 44 | V-CN-W-113 | 16 | Castleton | PEM / PSS / PFO | 30220 | 0 | 155 | 425 | 846 | 28 | 1454 | 188, 252 | Myrtle Hall, Vermont Agency of Transportation |

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| | | | | | | | Trenching/Earthwork ⁵ | Forested Areas ⁶ | Non-Forested Areas ⁷ | Forest Conversion ⁸ | | | |
| 45 | V-CN-W-115 | 16 | Castleton | PEM | 17290 | 0 | 0 | 0 | 2265 | 0 | 2265 | 252 | Vermont Agency of Transportation |
| 46 | V-CN-W-11 | 17 | Castleton | PEM/PSS/PFO | 5940 | 0 | 0 | 95 | 97 | 0 | 192 | 252 | Vermont Agency of Transportation |
| 47 | V-CN-W-12 | 17 | Castleton | PEM/PSS | 12060 | 0 | 340 | 0 | 413 | 0 | 753 | 195, 252 | Wayne Doane, Vermont Agency of Transportation |
| 48, 49 | V-CN-W-15 | 17 | Castleton | PEM/PSS | 21510 | 0 | 3044 | 292 | 11467 | 397 | 15200 | 201, 252 | James Dodge, Vermont Agency of Transportation |
| 51 | V-CN-W-3/6 | 18 | Castleton | PEM/PSS | 9900 | 0 | 817 | 0 | 1428 | 0 | 2245 | 252 | Vermont Agency of Transportation |
| 56 | V-CN-W-1 | 19 | Castleton | PEM / PSS | 12780 | 0 | 0 | 218 | 357 | 58 | 633 | 252 | Vermont Agency of Transportation |
| 63 | T-WR-W8 | 22 | West Rutland | PSS/PEM | 6720 | 0 | 0 | 341 | 0 | 198 | 539 | 252 | Vermont Agency of Transportation |
| 65 | T-WR-W7 | 22 | West Rutland | PEM | 1380 | 0 | 0 | 384 | 0 | 0 | 384 | 252 | Vermont Agency of Transportation |
| 81 | T-RU-W8 | 26 | Rutland | PEM/PFO | 22590 | 0 | 2161 | 2088 | 2823 | 1275 | 8347 | 252, 356 | Vermont Agency of Transportation, Paul Grabowski |
| 88 | T-RU-W3 | 27 | Rutland | PFO/PEM | 7740 | 0 | 135 | 1838 | 522 | 738 | 3233 | 252, 378 | Vermont Agency of Transportation, Mark K. Foley, Sr., Joseph M. Baker, Jr. & David G. Baker |
| 89, 90, 91, 92, 93, 94 | T-RU-W4 | 27 | Rutland | PEM/PSS | 223760 | 0 | 265 | 8310 | 4376 | 764 | 13715 | 252, 379 | Vermont Agency of Transportation, Dyer Management, LLC |

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| | | | | | | | Trenching/Earthwork ⁵ | Forested Areas ⁶ | Non-Forested Areas ⁷ | Forest Conversion ⁸ | | | |
| 95 | T-CL-W11 | 29 | Clarendon | PFO | 2340 | 0 | 0 | 426 | 21 | 243 | 690 | 388, 410 | Vermont Agency of Transportation, John and Barbara Pratt |
| 96 | T-CL-W12 | 29 | Clarendon | PEM | 1190 | 0 | 0 | 480 | 203 | 42 | 725 | 388, 410 | Vermont Agency of Transportation, John and Barbara Pratt |
| 97 | T-CL-W7 | 29 | Clarendon | PFO/PEM | 11020 | 0 | 604 | 896 | 576 | 962 | 3038 | 388, 416 | Vermont Agency of Transportation, Loomis & Allen Darby |
| 98 | T-CL-W5 | 29 | Clarendon | PEM | 2700 | 0 | 335 | 14 | 1810 | 0 | 2159 | 388, 417, 418 | Vermont Agency of Transportation, Marjorie Southard, John, Winona & Bradley Gilman |
| 99 | T-CL-W2 | 30 | Clarendon | PFO/PEM | 770 | 0 | 0 | 39 | 16 | 0 | 55 | 388, 420 | Vermont Agency of Transportation, Carol Adams |
| 100 | T-CL-W1 | 30 | Clarendon | PEM | 2550 | 0 | 0 | 0 | 163 | 0 | 163 | 388, 427 | Vermont Agency of Transportation, Robert Turgeon |
| 101 | T-CL-W15 | 30 | Clarendon | PEM | 280 | 0 | 0 | 0 | 820 | 0 | 820 | 428, 429, 469 | Thomas Pierce et al, Thomas Pierce et al, Vermont Agency of Transportation |
| 102 | T-CL-W18 | 31 | Clarendon | PFO | 910 | 0 | 0 | 208 | 5 | 0 | 213 | 431, 433, 469 | Thomas Pierce et al, J P Carrara & Sons, Vermont Agency of Transportation |
| 103 | T-CL-W20 | 31 | Clarendon | PFO | 2420 | 0 | 0 | 27 | 0 | 0 | 27 | 433, 469 | J P Carrara & Sons, Vermont Agency of Transportation |
| 104, 105, 106, 107 | T-CL-W22 | 32 | Clarendon | PEM | 34150 | 0 | 3394 | 7566 | 22909 | 284 | 34153 | 436, 447, 448, 469 | Airport Properties Corp, Brian & Jeffrey Godnick, Bonnie Wood, Clayton Webster, Karen Webster, Vermont Agency of Transportation |
| 110 | V-SH-W-7 | 34 | Shrewsbury | PEM/PSS | 1690 | 0 | 104 | 447 | 0 | 1108 | 1659 | 469, 481, 482 | Vermont Agency of Transportation, Donna & Richard Swartz, Trustees, Thedora & Jonathan Kingsbury, Co-Trustees |

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| 112 | V-SH-W-201 | 34 | Shrewsbury | PFO | 5410 | 0 | 0 | 37 | 0 | 0 | 37 | 491, 520 | Robert & Judith Landon, Vermont Agency of Transportation Rail Program |
| 113 | V-SH-W-202 | 34 | Shrewsbury | PSS/PFO | 680 | 0 | 0 | 680 | 0 | 0 | 680 | 491, 520 | Robert & Judith Landon, Vermont Agency of Transportation Rail Program |
| 115 | T-SH-W6 | 35 | Shrewsbury | PFO | 1860 | 0 | 0 | 728 | 43 | 1091 | 1862 | 499, 501, 520 | John & Jackson Ridlon & John Ridlon, II, Timothy & Kathi Faulkner, Vermont Agency of Transportation Rail Program |
| 117, 118 | T-SH-W9 | 35 | Shrewsbury | PFO | 9180 | 0 | 0 | 5291 | 0 | 3614 | 8905 | 514, 520 | Ryan Wood-Beauchamp & Kara Fitzgerald, Vermont Agency of Transportation Rail Program |
| 119 | T-SH-W10 | 36 | Shrewsbury | PFO | 4000 | 0 | 0 | 1951 | 0 | 2050 | 4001 | 514, 520 | Ryan Wood-Beauchamp & Kara Fitzgerald, Vermont Agency of Transportation Rail Program |
| 120 | T-SH-W12 | 36 | Shrewsbury | PEM | 770 | 0 | 0 | 762 | 8 | 0 | 770 | 508, 514, 520 | Donald Larson, Ryan Wood-Beauchamp & Kara Fitzgerald, Vermont Agency of Transportation Rail Program |
| 123, 124 | T-SH-W13 | 36 | Wallingford | PSS | 11760 | 0 | 625 | 906 | 5781 | 4292 | 11604 | 517, 517.01, 518, 519, 520 | David Parker & Patricia Moriel, Town of Wallingford, Michelle Martin Shaw, Brian and Meghan Ferguson, Vermont Agency of Transportation Rail Program |
| 125, 126, 127, 128 | T-WA-W3 | 36 | Wallingford | PFO | 22150 | 0 | 23 | 9641 | 3782 | 8650 | 22096 | 520, 528, 530, 533, 536 | Vermont Agency of Transportation Rail Program, Donald Williams, , Daniel Gram, Daniel Gram |
| 129, 130 | T-WA-W4 | 37 | Wallingford | PFO | 8620 | 0 | 0 | 3872 | 0 | 4326 | 8198 | 520, 536 | Vermont Agency of Transportation Rail Program, Daniel Gram |
| 131 | T-WA-W6 | 37 | Wallingford | PFO | 1300 | 0 | 0 | 461 | 0 | 834 | 1295 | 520, 536 | Vermont Agency of Transportation Rail Program, Daniel Gram |
| 132 | T-WA-W9 | 37 | Wallingford | PEM | 1270 | 0 | 0 | 738 | 0 | 359 | 1097 | 520, 542 | Vermont Agency of Transportation Rail Program, Phillip & Florence Carroll |

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| 132 | T-WA-W10 | 37 | Wallingford | PEM | 1050 | 0 | 0 | 806 | 0 | 247 | 1053 | 520, 542 | Vermont Agency of Transportation Rail Program, Phillip & Florence Carroll |
| 135 | V-WA-W-102 | 37 | Wallingford | PEM/ PSS | 60 | 0 | 64 | 0 | 0 | 0 | 64 | 543, 548, 549 | Vermont Agency of Transportation, George and Donna Chamberland, Robert Kapusta & Katherine Wade |
| 136, 137, 138, 139 | V-WA-W-101 | 38 | Wallingford | PEM/ PFO | 2300 | 0 | 1120 | 231 | 0 | 953 | 2304 | 543, 550, 555, 556 | Vermont Agency of Transportation, Jonathan and Monica Rogers, Doris Roach, Alfred and Iona Bumps |
| 140, 141 | T-MH-W55 | 38 | Mount Holly | PSS | 550 | 0 | 314 | 14 | 0 | 222 | 550 | 543, 556, 559, 565, 566 | Vermont Agency of Transportation, Alfred and Iona Bumps, Daniel & Diane Gray, Daniel Susco, Al Gates & Kathy Swift |
| 142 | T-MH-W56 | 38 | Mount Holly | PEM | 540 | 0 | 539 | 0 | 0 | 0 | 539 | 543, 569 | Vermont Agency of Transportation, Geoffrey Stone |
| 143, 144 | T-MH-W53 NORTH | 38 | Mount Holly | PFO | 230 | 0 | 0 | 17 | 212 | 0 | 229 | 543, 569, 570 | Vermont Agency of Transportation, Geoffrey Stone, William & Ruth Johnson |
| 146 | T-MH-W54 | 38 | Mount Holly | PEM | 630 | 0 | 290 | 0 | 340 | 0 | 630 | 543, 570 | Vermont Agency of Transportation, William & Ruth Johnson |
| 147, 148 | T-MH-W50 | 38 | Mount Holly | PEM/PSS | 5380 | 0 | 2400 | 48 | 1068 | 148 | 3664 | 543, 575 | Vermont Agency of Transportation, David Johnson |
| 149 | T-MH-W48-North | 38 | Mount Holly | PEM | 130 | 0 | 130 | 0 | 0 | 0 | 130 | 543, 576 | Vermont Agency of Transportation, Grover Taylor Sr. |
| 150 | T-MH-W51 | 38 | Mount Holly | PSS | 290 | 0 | 192 | 0 | 103 | 0 | 295 | 543, 577, 582 | Vermont Agency of Transportation, William & Mary Ellen Jacobs, Randy Hawkins |
| 151, 152 | T-MH-W52 | 39 | Mount Holly | PEM | 2140 | 0 | 996 | 390 | 410 | 253 | 2049 | 543, 582, 583 | Vermont Agency of Transportation, Randy Hawkins, Charles Ripchick |

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| | | | | | | | Trenching/Earthwork ⁵ | Forested Areas ⁶ | Non-Forested Areas ⁷ | Forest Conversion ⁸ | | | |
| 155, 156, 157, 158 | T-MH-W45 | 39 | Mount Holly | PSS/PEM | 8460 | 0 | 3859 | 0 | 4602 | 0 | 8461 | 543, 597, 598 | Vermont Agency of Transportation, Brian Buffum, Randy Hawkins |
| 159 | T-MH-W41 | 39 | Mount Holly | PEM | 2510 | 0 | 242 | 0 | 1285 | 0 | 1527 | 543, 598 | Vermont Agency of Transportation, Randy Hawkins |
| 161, 162 | T-MH-W38 | 39 | Mount Holly | PSS/PFO | 1060 | 0 | 463 | 0 | 0 | 597 | 1060 | 543, 605, 606 | Vermont Agency of Transportation, Johnny & Sally Butler, Bernard Wheeler Sr. |
| 163 | T-MH-W37 | 39 | Mount Holly | PSS | 440 | 0 | 325 | 10 | 95 | 0 | 430 | 543, 606 | Vermont Agency of Transportation, Bernard Wheeler Sr. |
| 164 | T-MH-W34 | 40 | Mount Holly | PSS | 360 | 0 | 99 | 172 | 13 | 74 | 358 | 543, 604 | Vermont Agency of Transportation, Rodney Cole |
| 164 | T-MH-W35 NORTH | 40 | Mount Holly | PSS | 130 | 0 | 16 | 22 | 0 | 90 | 128 | 543, 604 | Vermont Agency of Transportation, Rodney Cole |
| 165 | T-MH-W36 | 40 | Mount Holly | PSS | 900 | 0 | 312 | 469 | 122 | 0 | 903 | 543, 604, 607 | Vermont Agency of Transportation, Rodney Cole, Mary and Walter Surething |
| 166, 167 | T-MH-W33 | 40 | Mount Holly | PSS | 950 | 0 | 555 | 50 | 348 | 0 | 953 | 543, 608, 609 | Vermont Agency of Transportation, Charleen Cole, Joseph Fitzgerald |
| 168 | T-MH-W32 | 40 | Mount Holly | PEM | 570 | 0 | 358 | 0 | 240 | 0 | 598 | 543, 611 | Vermont Agency of Transportation, Philip & Marilyn Dunwoody |
| 168 | T-MH-W31 | 40 | Mount Holly | PEM | 970 | 0 | 401 | 0 | 565 | 0 | 966 | 543, 611 | Vermont Agency of Transportation, Philip & Marilyn Dunwoody |
| 169 | T-MH-W30 | 40 | Mount Holly | PEM | 300 | 0 | 216 | 0 | 86 | 0 | 302 | 543, 611 | Vermont Agency of Transportation, Philip & Marilyn Dunwoody |

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| 171 | T-MH-W28 | 41 | Mount Holly | PSS | 4740 | 0 | 37 | 0 | 0 | 0 | 37 | 543, 614.01, 616 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, Gary Martin |
| 174 | T-MH-W23 | 41 | Mount Holly | PEM/PSS | 220 | 0 | 220 | 0 | 0 | 0 | 220 | 543, 623, 628, 629 | Vermont Agency of Transportation, Neil Pelsue Jr. Trustee, Maria Howard, Maria Rae Howard C/O Mary Nortunen |
| 176, 177 | T-MH-W21 | 42 | Mount Holly | PSS | 2520 | 0 | 1504 | 245 | 60 | 927 | 2736 | 543, 630, 631, 632 | Vermont Agency of Transportation, Angelo Chiari & Cynthia Dilworth, Ginger & Clarence Palmer, Ginger & Clarence Palmer |
| 178 | T-MH-W20 | 42 | Mount Holly | PEM/PSS | 1180 | 0 | 878 | 115 | 44 | 141 | 1178 | 543, 631, 632, 633 | Vermont Agency of Transportation, Ginger & Clarence Palmer, Ginger & Clarence Palmer, Frederick Ludwig III & Barbara Ludwig |
| 183, 184 | T-MH-W17 | 43 | Mount Holly | PEM | 3420 | 0 | 115 | 268 | 3340 | 0 | 3723 | 543, 663 | Vermont Agency of Transportation, Gene Syria |
| 186 | T-MH-W16 | 43 | Mount Holly | PEM | 6570 | 0 | 0 | 0 | 31 | 0 | 31 | 543, 672 | Vermont Agency of Transportation, Keith Demers |
| 189 | T-MH-W9 | 43 | Mount Holly | PSS | 1060 | 0 | 61 | 5 | 559 | 0 | 625 | 543, 678, 679 | Vermont Agency of Transportation, Stanton Wyman, Joseph & Gina Labate |
| 191 | T-MH-W6 | 43 | Mount Holly | PSS | 110 | 0 | 0 | 0 | 0 | 105 | 105 | 543, 701 | Vermont Agency of Transportation, Tammy Harrington |
| 196 | T-MH-W2 | 45 | Mount Holly | PEM | 340 | 0 | 0 | 47 | 5 | 0 | 52 | 543, 715.01, 725 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, |
| 197 | T-MH-W3 | 45 | Mount Holly | PEM | 440 | 0 | 0 | 173 | 11 | 0 | 184 | 543, 715.01, 725 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, |
| 201 | T-LU-W13 | 46 | Ludlow | PEM | 11140 | 0 | 0 | 1046 | 214 | 0 | 1260 | 543 | Vermont Agency of Transportation |

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| 202 | T-LU-W1 | 46 | Ludlow | PEM | 140 | 0 | 0 | 138 | 0 | 0 | 138 | 730.01, 765, 767, 768 | Vermont Agency of Transportation, Alston & Regina Springer, Kathleen O'Shea, Village of Ludlow |
| Impact Subtotal (Sq Ft) | | | | | | 0 | 33,950 | 56,919 | 83,710 | 36,605 | 211,184 | | |
| Impact Subtotal (Acres) | | | | | | 0.00 | 0.78 | 1.31 | 1.92 | 0.84 | 4.85 | | |
| | | | | | | | 174,732 | | | | | | |
| | | | | | | | 4.01 | | | | | | |

Note: GIS impact analysis conducted using Limits of Disturbance created by TRC-engineering- Drafted 03/18/2015

¹VHB/TRC wetland delineations have been field-reviewed (representative areas) by USACE and VT DEC personnel.

²Wetland classifications based on Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitat of the United States. U.S. Fish and Wildlife Service. FWS/OBD-79/31. 103pp.

³ Permanent Impacts are calculated as areas of direct fill or grading. There will be no permanent wetland impacts as a result of project construction.

⁴Temporary Impacts have been divided into three types, for the purpose of calculating compensatory mitigation credits required, in consultation with the USACE. Temporary wetland impacts consist of: 1) impacts from trenching and/or earthwork; 2) impacts from tree clearing in forested areas and 3) impacts from non-trenching/earthwork type activities in non-forested areas. Details are provided in footnotes 6, 7, and 8.

⁵ Temporary impacts from trenching/earthwork will occur within the approximately 12-foot wide Permanent Project Corridor as a result of excavation of an approximately 4-foot wide trench for the cable. Following construction, these areas will be restored per the project EPSC plan (see Block 18 Attachment of 404 Permit Application).

⁶ Temporary impacts in forested areas will occur as a result of required tree clearing in Temporary Workspaces, which will be allowed to regenerate after construction.

⁷ Temporary impacts in non-forested areas will occur in the Temporary Workspace where construction mats will be utilized to minimize rutting and compaction from equipment. These areas will be allowed to regenerate after construction.

⁸Secondary impacts will occur in the Permanent Project Corridor as a result of permanent tree clearing, which will result in the conversion of forested wetlands to emergent or scrub-shrub wetlands.

⁹ Abutter information, including mailing addresses and Line List Numbers are found in the Adjoining Property Owners table in the 404 Permit Application.

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|-------------|-------------------------------------|---------------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|-----|---------------------------|----|----------------------------------|-----|-----------------------------------|-----|----------------------------|---------------------|-----------------------|---|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | | | TOTAL IMPACTS ⁹ | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | | | | | | | | |
| 1 | V-BE-AS-3 | 3 | Benson | Perennial | 3 | SC-1 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 21 | 42 | 0 | 0 | 50 | 100 | 76 | 157 | 12, 21, 28 | Town of Benson, Anne M. Munger, Anne M. Munger |
| 2 | V-BE-AS-5 | 3 | Benson | Intermittent | 7 | SC-4 | 4.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 21 | 95 | 0 | 0 | 30 | 135 | 56 | 265 | 12, 28, 30 | Town of Benson, Anne M. Munger, Anne M. Munger |
| 3 | V-BE-S-8 | 4 | Benson | Perennial | 7 | SC-12 | 2 | Remove and Replace | 0 | 0 | 0 | 37 | 25 | 50 | 0 | 168 | 1 | 2 | 31 | 257 | 12, 33, 38 | Town of Benson, Robert J. Phelps & Karen A. Barber, Eunice Munger Life Estate |
| 4 | V-BE-AS-10 | 4 | Benson | Perennial | 5 | SC-17 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 26 | 78 | 0 | 0 | 29 | 87 | 60 | 190 | 12, 45 | Town of Benson, Caleb R. Symons, Jr. & Paul A. Millette |
| 5 | V-BE-AS-11 | 5 | Benson | Intermittent | 4 | SC-21 | 2.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 22 | 55 | 0 | 0 | 18 | 45 | 45 | 120 | 12, 56, 57 | Town of Benson, James & Betty Arthur, Francis Munger Life Estate |
| 6 | V-BE-S-100 | 5 | Benson | Perennial | 3 | SC-24 | 2 | At Culvert Splice | 0 | 0 | 9 | 27 | 15 | 30 | 0 | 0 | 34 | 68 | 63 | 140 | 63, 64, 84 | David & Debra Tyler, David & Debra Tyler, Vermont Agency of Transportation |
| 8 | V-BE-S-101 | 6 | Benson | Ephemeral | 1.5 | SC-36 | 2 | At Culvert Splice | 0 | 0 | 108 | 162 | 11 | 22 | 0 | 0 | 42 | 84 | 166 | 276 | 65, 66, 84 | Timothy B. Bird & Janice C. Bird, Robert M. Butler & Juliet N. Butler, Vermont Agency of Transportation |
| 9 | V-BE-S-102 | 6 | Benson | Perennial | 3 | SC-40 | 6 | Over Culvert | 0 | 0 | 0 | 0 | 12 | 72 | 0 | 0 | 31 | 186 | 48 | 273 | 66, 67, 84 | Robert M. Butler & Juliet N. Butler, Williams Properties, LLC, Vermont Agency of Transportation |
| 10 | V-BE-AS-105 | 7 | Benson | Intermittent | 1.5 | CU-50 | 1.25 | Open Trench Excavate | 0 | 0 | 0 | 0 | 12 | 15 | 0 | 0 | 37 | 46 | 54 | 69 | 80, 81, 84 | Bartholomew Brothers Inc., Vermont Agency of Transportation, Paul Lussier & Kari Lee Ann Lussier |
| 11 | V-BE-S-109 | 8 | Benson | Perennial | 4 | SC-59 | 2.5 | Open Trench Excavate | 0 | 0 | 10 | 40 | 14 | 35 | 0 | 0 | 32 | 80 | 61 | 175 | 84, 85, 86 | Vermont Agency of Transportation, Henry & Joan Daley, Trustees, Henry & Joan Daley, Trustees |
| 13 | V-WH-S-4 | 9 | West Haven | Perennial | 5 | SC-71 | 2.5 | Open Trench Excavate | 0 | 0 | 13 | 65 | 0 | 0 | 1 | 5 | 0 | 0 | 19 | 95 | 84, 96 | Vermont Agency of Transportation, The Nature Conservancy |
| 16 | V-WH-S-5 | 9 | West Haven | Intermittent | 3 | - | - | - | 0 | 0 | 11 | 33 | 0 | 0 | 7 | 21 | 0 | 0 | 23 | 69 | 84, 96, 99 | Vermont Agency of Transportation, The Nature Conservancy, The Nature Conservancy |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|-----------|-------------------------------------|------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|-----------------------|--|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 19 | V-WH-S-3 | 10 | West Haven | Ephemeral | 2 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 0 | 0 | 9 | 18 | 84, 108 | Vermont Agency of Transportation, Heman W. Stannard |
| 20 | V-WH-S-2 | 10 | West Haven | Perennial | 4.5 | SC-89 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 50 | 100 | 0 | 0 | 81 | 162 | 136 | 285 | 84, 108, 112 | Vermont Agency of Transportation, Heman W. Stannard, Christopher Neubert |
| 21 | V-WH-S-1 | 10 | West Haven | Intermittent | 2 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 22 | 0 | 0 | 16 | 32 | 84, 108 | Vermont Agency of Transportation, Heman W. Stannard |
| 22 | V-FH-S-24 | 11 | Fair Haven | Intermittent | 2 | SC-99 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 47 | 71 | 0 | 0 | 98 | 147 | 150 | 228 | 84, 114, 115 | Vermont Agency of Transportation, Earl & Sally Corey, Steven & Lonna Farrar |
| 23 | V-FH-S-22 | 11 | Fair Haven | Ephemeral | 2 | SC-104 | 2 | At Culvert Splice | 0 | 0 | 10 | 20 | 18 | 36 | 0 | 0 | 59 | 118 | 92 | 184 | 84, 115, 118, 120 | Vermont Agency of Transportation, Steven & Lonna Farrar, Kathleen Knapp, Roderic Holzworth II & Jacqueline Holzworth |
| 25 | V-FH-S-18 | 11 | Fair Haven | Intermittent | 2 | - | - | - | 0 | 0 | 62 | 124 | 0 | 0 | 147 | 294 | 0 | 0 | 214 | 428 | 84, 122 | Vermont Agency of Transportation, Phillip Stannard, Sr. & Kathleen Knapp |
| 26 | V-FH-S-17 | 12 | Fair Haven | Perennial | 3 | SC-110 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 61 | 244 | 0 | 0 | 108 | 432 | 174 | 691 | 84, 121, 124 | Vermont Agency of Transportation, Roderic Holzworth II & Jacqueline Holzworth, Kevin & Aileen Durkee |
| 28 | V-FH-S-16 | 12 | Fair Haven | Ephemeral | 2 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 18 | 0 | 0 | 14 | 28 | 84, 124 | Vermont Agency of Transportation, Kevin & Aileen Durkee |
| 30 | V-FH-S-3 | 12 | Fair Haven | Intermittent | 1.5 | SC-122 | 3 | Open Trench Excavate | 0 | 0 | 12 | 18 | 0 | 0 | 36 | 54 | 0 | 0 | 53 | 80 | 135, 252 | William Bischoff, Vermont Agency of Transportation |
| 31 | V-FH-S-4 | 13 | Fair Haven | Ephemeral | 1.5 | SC-125 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 69 | 276 | 0 | 0 | 96 | 384 | 170 | 668 | 252 | Vermont Agency of Transportation |
| 33 | V-FH-S-5 | 13 | Fair Haven | Perennial | 4 | SC-128 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 60 | 240 | 0 | 0 | 101 | 404 | 166 | 664 | 252 | Vermont Agency of Transportation |
| 36 | V-FH-S-26 | 13 | Fair Haven | Ephemeral | 2 | SC-131 | 2.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 19 | 48 | 0 | 0 | 43 | 108 | 67 | 166 | 252 | Vermont Agency of Transportation |
| 37 | V-FH-S-6 | 13 | Fair Haven | Intermittent | 2 | SC-137 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 74 | 296 | 0 | 0 | 494 | 1976 | 573 | 2282 | 145, 252 | Joyce Roberts, Vermont Agency of Transportation |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|------------|-------------------------------------|------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|-----------------------|--|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 38 | V-FH-S-10 | 14 | Fair Haven | Perennial | 2 | SC-139 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 169 | 676 | 0 | 0 | 425 | 1700 | 599 | 2386 | 252 | Vermont Agency of Transportation |
| 39 | V-FH-S-7 | 14 | Fair Haven | Ephemeral | 1 | - | - | - | 0 | 0 | 27 | 27 | 0 | 0 | 21 | 21 | 0 | 0 | 53 | 53 | 252 | Vermont Agency of Transportation |
| 40 | V-FH-S-8 | 14 | Castleton | Intermittent | 3 | SC-153, SC-154 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 24 | 72 | 3 | 9 | 61 | 183 | 93 | 279 | 252 | Vermont Agency of Transportation |
| 41 | V-CN-S-101 | 15 | Castleton | Perennial | 3.5 | SC-161 | 5 | No Impact | 0 | 0 | 13 | 46 | 0 | 0 | 29 | 102 | 0 | 0 | 47 | 165 | 252 | Vermont Agency of Transportation |
| 47 | V-CN-S-11 | 17 | Castleton | Intermittent | 1 | SC-184 | 3 | No Impact | 0 | 0 | 12 | 12 | 0 | 0 | 14 | 14 | 0 | 0 | 31 | 31 | 195, 252 | Wayne Doane, Vermont Agency of Transportation |
| 50 | V-CN-S-13 | 17 | Castleton | Intermittent | 1 | - | - | - | 0 | 0 | 20 | 20 | 0 | 0 | 53 | 53 | 0 | 0 | 78 | 78 | 201, 202, 252 | James Dodge, James Dodge, Vermont Agency of Transportation |
| 52 | V-CN-S-5 | 18 | Castleton | Ephemeral | 2 | SC-198 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 64 | 192 | 0 | 0 | 130 | 390 | 199 | 592 | 252 | Vermont Agency of Transportation |
| 53 | V-CN-S-7 | 19 | Castleton | Ephemeral | 1 | SC-202 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 30 | 60 | 13 | 13 | 100 | 200 | 148 | 278 | 252 | Vermont Agency of Transportation |
| 54 | V-CN-S-6 | 19 | Castleton | Intermittent | 3 | SC-206 | 2.5 | At Culvert Splice | 0 | 0 | 5 | 15 | 40 | 100 | 19 | 57 | 109 | 273 | 178 | 460 | 252 | Vermont Agency of Transportation |
| 55 | V-CN-S-4 | 19 | Castleton | Perennial | 5 | SC-209 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 40 | 160 | 3 | 15 | 84 | 336 | 132 | 536 | 252 | Vermont Agency of Transportation |
| 56 | V-CN-S-3 | 19 | Castleton | Intermittent | 0.5 | SC-213 | 2 | At Culvert Splice | 0 | 0 | 7 | 4 | 40 | 80 | 25 | 13 | 70 | 140 | 147 | 239 | 252 | Vermont Agency of Transportation |
| 57 | V-CN-S-2 | 20 | Castleton | Intermittent | 2.5 | SC-214, SC-215 | 2.25 | At Culvert Splice | 0 | 0 | 6 | 15 | 63 | 142 | 19 | 48 | 126 | 284 | 219 | 501 | 252 | Vermont Agency of Transportation |
| 58 | V-CN-S-1 | 20 | Castleton | Intermittent | 2 | SC-220 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 24 | 48 | 0 | 0 | 243 | 486 | 272 | 544 | 245, 252, 256 | Anthony & Susan Alberico, Vermont Agency of Transportation, Canadian Pacific Railway |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|-----------|-------------------------------------|--------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|-----------------------|---|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 59 | T-IR-S4 | 21 | Ira | Perennial | 5 | SC-228 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 51 | 204 | 33 | 165 | 262 | 1048 | 351 | 1442 | 252, 256 | Vermont Agency of Transportation, Canadian Pacific Railway |
| 60 | T-IR-S3 | 21 | Ira | Intermittent | 5 | SC-235 | 3 | At Culvert Splice | 0 | 0 | 13 | 65 | 30 | 90 | 22 | 110 | 166 | 498 | 236 | 788 | 250, 252 | Frank Grabowski, Vermont Agency of Transportation |
| 61 | T-IR-S2 | 21 | Ira | Intermittent | 2 | SC-239 | 3 | At Culvert Splice | 0 | 0 | 39 | 78 | 23 | 69 | 66 | 132 | 56 | 168 | 189 | 457 | 252 | Vermont Agency of Transportation |
| 62 | T-IR-S1 | 21 | Ira | Intermittent | 4 | SC-241 | 4.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 30 | 135 | 12 | 48 | 137 | 617 | 184 | 820 | 252 | Vermont Agency of Transportation |
| 63 | T-WR-S35 | 21 | West Rutland | Intermittent | 1 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 8 | 8 | 252 | Vermont Agency of Transportation |
| 64 | T-WR-S31 | 22 | West Rutland | Intermittent | 1 | - | - | - | 0 | 0 | 12 | 12 | 0 | 0 | 46 | 46 | 0 | 0 | 63 | 63 | 252, 261 | Vermont Agency of Transportation, Vermont Earth Resources, Inc. |
| 65 | T-WR-S30 | 22 | West Rutland | Intermittent | 5 | SC-246 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 42 | 84 | 167 | 835 | 117 | 234 | 331 | 1178 | 252, 261 | Vermont Agency of Transportation, Vermont Earth Resources, Inc. |
| 66 | T-WR-S34 | 22 | West Rutland | Perennial | 3 | SC-249 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 64 | 192 | 0 | 0 | 305 | 915 | 374 | 1122 | 252, 261 | Vermont Agency of Transportation, Vermont Earth Resources, Inc. |
| 67 | T-WR-S19 | 23 | West Rutland | Intermittent | 3 | SC-262 | 3 | At Culvert Splice | 0 | 0 | 9 | 27 | 15 | 45 | 19 | 57 | 60 | 180 | 108 | 324 | 252 | Vermont Agency of Transportation |
| 68 | T-WR-S20 | 23 | West Rutland | Intermittent | 5 | SC-264 | 1.5 | At Culvert Splice | 0 | 0 | 4 | 20 | 21 | 32 | 20 | 100 | 60 | 90 | 110 | 267 | 252 | Vermont Agency of Transportation |
| 69 | T-WR-S23 | 24 | West Rutland | Intermittent | 4 | SC-269 | 2.5 | No Impact | 0 | 0 | 39 | 156 | 0 | 0 | 56 | 224 | 0 | 0 | 100 | 400 | 252 | Vermont Agency of Transportation |
| 70 | T-WR-S24 | 24 | West Rutland | Intermittent | 3 | - | - | - | 0 | 0 | 15 | 45 | 0 | 0 | 95 | 285 | 0 | 0 | 115 | 345 | 252, 304 | Vermont Agency of Transportation, Philip J. Gawet |
| 71, 72 | T-WR-S17 | 24 | West Rutland | Intermittent | 2 | SC-276 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 32 | 128 | 155 | 310 | 7 | 28 | 199 | 476 | 252, 328 | Vermont Agency of Transportation, Town of West Rutland |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|--------------------|-----------|-------------------------------------|--------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|-----------------------|--|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 73 | T-WR-S11 | 25 | West Rutland | Intermittent | 3 | SC-288 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 17 | 68 | 1 | 3 | 165 | 660 | 188 | 746 | 252 | Vermont Agency of Transportation |
| 74 | T-WR-S12 | 25 | West Rutland | Intermittent | 4 | SC-292 | 4.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 50 | 225 | 0 | 0 | 332 | 1494 | 387 | 1739 | 252, 345 | Vermont Agency of Transportation, Mortimer Brown & Laura Whitehead |
| 75 | T-WR-S14 | 25 | West Rutland | Intermittent | 1 | SC-295 | 4 | At Culvert Splice | 0 | 0 | 0 | 0 | 50 | 200 | 0 | 0 | 330 | 1320 | 385 | 1525 | 252, 345 | Vermont Agency of Transportation, Mortimer Brown & Laura Whitehead |
| 76 | T-WR-S6 | 25 | West Rutland | Intermittent | 3 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 21 | 0 | 0 | 12 | 36 | 252 | Vermont Agency of Transportation |
| 76 | T-WR-S7 | 25 | West Rutland | Intermittent | 2 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 0 | 0 | 8 | 16 | 252 | Vermont Agency of Transportation |
| 76 | T-WR-S5 | 25 | West Rutland | Intermittent | 5 | SC-294 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 35 | 105 | 149 | 745 | 190 | 570 | 379 | 1445 | 252, 345 | Vermont Agency of Transportation, Mortimer Brown & Laura Whitehead |
| 77 | T-WR-S8 | 25 | West Rutland | Ephemeral | 2 | SC-303 | 2.5 | Open Trench Excavate | 0 | 0 | 0 | 0 | 19 | 48 | 0 | 0 | 207 | 518 | 231 | 576 | 252 | Vermont Agency of Transportation |
| 78 | T-RU-S10 | 25 | Rutland | Ephemeral | 3 | SC-306 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 34 | 68 | 0 | 0 | 34 | 68 | 73 | 151 | 252 | Vermont Agency of Transportation |
| 79, 80 | T-RU-S5 | 25 | Rutland | Intermittent | 2 | - | - | - | 0 | 0 | 96 | 192 | 0 | 0 | 267 | 534 | 0 | 0 | 368 | 736 | 252 | Vermont Agency of Transportation |
| 79, 80 | T-RU-S6 | 25 | Rutland | Ephemeral | 2 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 56 | 0 | 0 | 33 | 66 | 252 | Vermont Agency of Transportation |
| 80 | T-RU-S7 | 25 | Rutland | Intermittent | 5 | SC-309 | 2.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 45 | 113 | 17 | 85 | 121 | 303 | 188 | 526 | 252 | Vermont Agency of Transportation |
| 82 | T-WR-S1 | 26 | West Rutland | Intermittent | 4 | SC-312 | 5 | At Culvert Splice | 0 | 0 | 0 | 0 | 79 | 395 | 8 | 32 | 125 | 625 | 217 | 1072 | 252, 356 | Vermont Agency of Transportation, Paul Grabowski |
| 83, 84, 85, 86, 87 | T-RU-S4 | 26 | Rutland | Intermittent | 2 | SC-322 | 4 | HDD | 0 | 0 | 575 | 1150 | 2 | 8 | 406 | 812 | 103 | 412 | 1091 | 2392 | 252, 367, 373 | Vermont Agency of Transportation, Laura J. Whitehead, PETEL Properties, Inc. |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|------------|-------------------------------------|--------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|-----------------------|--|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 95 | T-CL-S4 | 29 | Clarendon | Perennial | 15 | SC-348 | 4 | No Impact | 0 | 0 | 12 | 180 | 0 | 0 | 37 | 555 | 0 | 0 | 54 | 810 | 388, 410 | Vermont Agency of Transportation, John and Barbara Pratt |
| 95 | T-CL-AS-S4 | 29 | Clarendon | Perennial | 5 | - | - | - | 0 | 0 | 3 | 15 | 0 | 0 | 5 | 25 | 0 | 0 | 13 | 65 | 388, 410 | Vermont Agency of Transportation, John and Barbara Pratt |
| 99 | T-CL-S1 | 30 | Clarendon | Intermittent | 2 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 20 | 0 | 0 | 15 | 30 | 388, 420 | Vermont Agency of Transportation, Carol Adams |
| 102 | T-WR-S9 | 30 | West Rutland | Ephemeral | 1 | SC-372 | 6 | At Culvert Splice | 0 | 0 | 0 | 0 | 46 | 276 | 0 | 0 | 53 | 318 | 104 | 599 | 432, 433, 469 | David & Mary Dransfield, J P Carrara & Sons, Vermont Agency of Transportation |
| 102 | T-WR-AS-9 | 31 | West Rutland | Ephemeral | 1 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 7 | 7 | 469, 432, 433 | Vermont Agency of Transportation, David & Mary Dransfield, J P Carrara & Sons |
| 108 | V-SH-S-16 | 31 | Shrewsbury | Perennial | 3 | SC-385 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 36 | 108 | 12 | 36 | 76 | 228 | 129 | 387 | 459, 461, 469 | Jasen & Laurie Teal, Uwe and Josefa Behrendt, Vermont Agency of Transportation |
| 108 | V-SH-S-17 | 32 | Shrewsbury | Intermittent | 2 | SC-384 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 20 | 60 | 7 | 14 | 54 | 162 | 86 | 246 | 458, 459, 469 | Rosemarie Pluss Dobler, Jasen & Laurie Teal, Vermont Agency of Transportation |
| 109 | V-SH-S-14 | 33 | Shrewsbury | Perennial | 25 | SC-395 | 12 | At Culvert Splice | 0 | 0 | 0 | 0 | 48 | 576 | 0 | 0 | 179 | 2148 | 232 | 2849 | 469, 473 | Vermont Agency of Transportation, Joseph & Linda Lapre |
| 109 | V-SH-S-13 | 33 | Shrewsbury | Ephemeral | 1 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 19 | 0 | 0 | 24 | 24 | 469 | Vermont Agency of Transportation |
| 110, 111 | V-SH-S-11 | 34 | Shrewsbury | Intermittent | 4 | SC-403 | 1.25 | Open Trench Excavate | 0 | 0 | 2 | 8 | 85 | 106 | 245 | 980 | 0 | 0 | 337 | 1114 | 469, 481, 482, 520 | Vermont Agency of Transportation, Donna & Richard Swartz, Trustees, Thedora & Jonathan Kingsbury, Co-Trustees, Vermont Agency of Transportation Rail Program |
| 112 | T-SH-S1 | 34 | Shrewsbury | Intermittent | 5 | SC-405 | 3 | Open Trench Excavate | 0 | 0 | 14 | 70 | 0 | 0 | 3 | 15 | 0 | 0 | 22 | 110 | 486, 491, 520 | Matthew & Sabrina McDonough, Robert & Judith Landon, Vermont Agency of Transportation Rail Program |
| 114 | T-SH-S4 | 34 | Shrewsbury | Intermittent | 5 | SC-410 | 8 | At Culvert Splice | 0 | 0 | 27 | 135 | 30 | 240 | 119 | 595 | 38 | 304 | 219 | 1299 | 490, 491, 492, 520 | Susan Ransom-Kelley, Robert & Judith Landon, Paul & Karen Stewart, Vermont Agency of Transportation Rail Program |
| 115 | T-SH-S3 | 34 | Shrewsbury | Perennial | 20 | SC-412 | 14 | No Impact | 0 | 0 | 0 | 168 | 0 | 0 | 0 | 287 | 0 | 0 | 0 | 455 | 501, 520 | Timothy & Kathi Faulkner, Vermont Agency of Transportation Rail Program |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|-----------------|-------------------------------------|-------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|-----------------------|--|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 116 | T-SH-S5 | 35 | Shrewsbury | Intermittent | 3 | SC-414 | 3 | At Culvert Splice | 0 | 0 | 7 | 21 | 24 | 72 | 0 | 0 | 37 | 111 | 73 | 219 | 503, 504, 520 | Grace and Richard Brigham, Alan Ridlon Sr., Alan Ridlon Jr., & Ann Ridlon, Vermont Agency of Transportation Rail Program |
| 118 | T-SH-S6 | 36 | Shrewsbury | Intermittent | 2.5 | SC-416 | 3 | At Culvert Splice | 0 | 0 | 15 | 38 | 25 | 75 | 96 | 240 | 61 | 183 | 202 | 548 | 507, 514, 520 | Lois & Donald Butler, Ryan Wood-Beauchamp & Kara Fitzgerald, Vermont Agency of Transportation Rail Program |
| 119 | T-SH-S7 | 36 | Shrewsbury | Perennial | 3 | SC-418 | 3 | Open Trench Excavate | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 138 | 514, 520 | Ryan Wood-Beauchamp & Kara Fitzgerald, Vermont Agency of Transportation Rail Program |
| 121 | T-SH-S9 | 36 | Shrewsbury | Ephemeral | 1 | - | - | - | 0 | 0 | 12 | 12 | 0 | 0 | 26 | 26 | 0 | 0 | 43 | 43 | 514, 520 | Ryan Wood-Beauchamp & Kara Fitzgerald, Vermont Agency of Transportation Rail Program |
| 121 | T-SH-S10 | 36 | Shrewsbury | Intermittent | 3 | - | - | - | 0 | 0 | 0 | 184 | 0 | 0 | 0 | 529 | 0 | 0 | 0 | 713 | 514, 520 | Ryan Wood-Beauchamp & Kara Fitzgerald, Vermont Agency of Transportation Rail Program |
| 122 | T-SH-S11 | 36 | Shrewsbury | Ephemeral | 2 | - | - | - | 0 | 0 | 9 | 18 | 0 | 0 | 8 | 16 | 0 | 0 | 22 | 44 | 515, 517, 520 | Lawrence Allen Jr. & Carol Lee Allen, David Parker & Patricia Moriel, Vermont Agency of Transportation Rail Program |
| 127 | T-WA-S2 | 36 | Wallingford | Intermittent | 1 | SC-427 | 3.3 | No Impact | 0 | 0 | 12 | 12 | 0 | 0 | 7 | 7 | 0 | 0 | 24 | 24 | 520, 530 | Vermont Agency of Transportation Rail Program, |
| 129 | T-WA-S3 | 37 | Wallingford | Intermittent | 6 | SC-429 | 4.5 | Open Trench Excavate | 0 | 0 | 34 | 204 | 31 | 140 | 0 | 0 | 75 | 338 | 145 | 712 | 520, 536, 537 | Vermont Agency of Transportation Rail Program, Daniel Gram, Daniel Gram |
| 129 | T-WA-S4 | 37 | Wallingford | Intermittent | 6 | - | - | - | 0 | 0 | 37 | 222 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 252 | 520, 536 | Vermont Agency of Transportation Rail Program, Daniel Gram |
| 132 | T-WA-S6 | 37 | Wallingford | Intermittent | 4 | - | - | - | 0 | 0 | 12 | 48 | 0 | 0 | 54 | 216 | 0 | 0 | 71 | 284 | 520, 542 | Vermont Agency of Transportation Rail Program, Phillip & Florence Carroll |
| 133 | V-WA-S-106 | 37 | Wallingford | Perennial | 3.5 | SC-438 | 2 | At Culvert Splice | 0 | 0 | 8 | 28 | 16 | 32 | 0 | 0 | 36 | 72 | 65 | 150 | 543, 545, 546 | Vermont Agency of Transportation, Carolyn & Bjorn Behrendt, Raymond Agostinelli & Nancy Kelly |
| 134 | V-WA-S-105 | 37 | Wallingford | Perennial | 3 | SC-442 | 2.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 12 | 30 | 0 | 0 | 45 | 113 | 62 | 158 | 543, 545, 546 | Vermont Agency of Transportation, Carolyn & Bjorn Behrendt, Raymond Agostinelli & Nancy Kelly |
| 135 | V-WA-AS-104 | 37 | Wallingford | Intermittent | 5 | SC-444 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 10 | 20 | 0 | 0 | 30 | 60 | 45 | 105 | 543, 545, 546, 547 | Vermont Agency of Transportation, Carolyn & Bjorn Behrendt, Raymond Agostinelli & Nancy Kelly, Raymond Agostinelli |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|-----------------|-------------------------------------|-------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|-------------------------|---|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 137, 138, 139 | V-WA-S-100 | 38 | Wallingford | Intermittent | 1.5 | SC-447 | 2 | At Culvert Splice | 0 | 0 | 43 | 65 | 24 | 48 | 11 | 17 | 54 | 108 | 137 | 245 | 543, 555, 556, 557 | Vermont Agency of Transportation, Doris Roach, Alfred and Iona Bumps, Doris Roach |
| 141 | V-MH-AS-101 | 38 | Mount Holly | Intermittent | 2 | SC-455 | 4 | Jack and bore | 0 | 0 | 0 | 0 | 8 | 32 | 0 | 0 | 31 | 124 | 44 | 166 | 543, 559, 560, 565, 566 | Vermont Agency of Transportation, Daniel & Diane Gray, Anthony and Sandy Bruno, Daniel Susco, Al Gates & Kathy Swift |
| 142 | T-MH-DITCH18 | 38 | Mount Holly | Intermittent | 2 | SC-458 | 2 | At Culvert Splice | 0 | 0 | 92 | 184 | 20 | 40 | 0 | 0 | 74 | 148 | 191 | 382 | 543, 562, 563, 569 | Vermont Agency of Transportation, Jonathan & Tina Cohen, Roger & Diana Garrow, Geoffrey Stone |
| 143 | T-MH-S38 | 38 | Mount Holly | Ephemeral | 1 | SC-460 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 34 | 102 | 2 | 2 | 54 | 162 | 95 | 271 | 543, 562, 569, 570 | Vermont Agency of Transportation, Jonathan & Tina Cohen, Geoffrey Stone, William & Ruth Johnson |
| 144, 145, 146 | T-MH-DITCH17 | 38 | Mount Holly | Intermittent | 1 | - | - | - | 0 | 0 | 488 | 488 | 0 | 0 | 31 | 31 | 0 | 0 | 524 | 524 | 543, 570 | Vermont Agency of Transportation, William & Ruth Johnson |
| 151, 152 | T-MH-DITCH16 | 39 | Mount Holly | Ephemeral | 1 | - | - | - | 0 | 0 | 271 | 271 | 0 | 0 | 0 | 0 | 0 | 0 | 276 | 276 | 543, 582, 583 | Vermont Agency of Transportation, Randy Hawkins, Charles Ripchick |
| 153 | T-MH-S32 | 39 | Mount Holly | Intermittent | 1 | SC-480 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 27 | 54 | 0 | 0 | 56 | 112 | 88 | 171 | 543, 589, 590, 592, 593 | Vermont Agency of Transportation, Rachel Miller Estate of Administrators Nicholas & Richard DeLong, Jon Spaulding, Michael & Maria Blais, David Johnson |
| 154 | T-MH-DITCH13 | 39 | Mount Holly | Intermittent | 1 | CU-481 | 1 | At Culvert Splice | 0 | 0 | 9 | 9 | 60 | 60 | 0 | 0 | 0 | 0 | 74 | 74 | 543, 596, 597 | Vermont Agency of Transportation, William Hawkins & Jennifer Walter, Brian Buffum |
| 154 | T-MH-S30 | 39 | Mount Holly | Intermittent | 1 | SC-482 | 4 | At Culvert Splice | 0 | 0 | 108 | 108 | 20 | 80 | 0 | 0 | 51 | 204 | 184 | 397 | 543, 596, 597, 599 | Vermont Agency of Transportation, William Hawkins & Jennifer Walter, Brian Buffum, Randy Hawkins |
| 160 | T-MH-S28 | 39 | Mount Holly | Perennial | 25 | - | - | - | 0 | 0 | 0 | 184 | 0 | 0 | 0 | 294 | 0 | 0 | 0 | 478 | 543, 598, 599, 600, 604 | Vermont Agency of Transportation, Randy Hawkins, Randy Hawkins, Johnathan & Christina Turin, Rodney Cole |
| 161 | T-MH-DITCH12 | 39 | Mount Holly | Intermittent | 1 | SC-488 | 4 | At Culvert Splice | 0 | 0 | 104 | 104 | 16 | 64 | 0 | 0 | 46 | 184 | 171 | 357 | 543, 600, 604, 605 | Vermont Agency of Transportation, Johnathan & Christina Turin, Rodney Cole, Johnny & Sally Butler |
| 161 | T-MH-AS-11 | 39 | Mount Holly | Intermittent | 3 | SC-492 | 2.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 23 | 58 | 0 | 0 | 58 | 145 | 86 | 218 | 543, 600, 605 | Vermont Agency of Transportation, Johnathan & Christina Turin, Johnny & Sally Butler |
| 162 | T-MH-DITCH11 | 39 | Mount Holly | Intermittent | 3 | SC-491 | 1.5 | At Culvert Splice | 0 | 0 | 197 | 591 | 25 | 38 | 0 | 0 | 0 | 0 | 227 | 644 | 543, 605, 606 | Vermont Agency of Transportation, Johnny & Sally Butler, Bernard Wheeler Sr. |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|--------------|-------------------------------------|-------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|----------------------------|---|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 163 | T-MH-S27 | 39 | Mount Holly | Ephemeral | 1.5 | SC-490 | 3 | At Culvert Splice | 0 | 0 | 4 | 6 | 22 | 66 | 3 | 5 | 68 | 204 | 102 | 288 | 543, 600, 606 | Vermont Agency of Transportation, Johnathan & Christina Turin, Bernard Wheeler Sr. |
| 165 | T-MH-DITCH10 | 39 | Mount Holly | Intermittent | 1 | SC-497 | 1.5 | At Culvert Splice | 0 | 0 | 183 | 183 | 56 | 84 | 0 | 0 | 0 | 0 | 244 | 272 | 543, 604, 607 | Vermont Agency of Transportation, Rodney Cole, Mary and Walter Surething |
| 167 | T-MH-S26 | 40 | Mount Holly | Ephemeral | 1 | - | - | - | 0 | 0 | 12 | 12 | 0 | 0 | 2 | 2 | 0 | 0 | 19 | 19 | 543, 609 | Vermont Agency of Transportation, Joseph Fitzgerald |
| 167 | T-MH-DITCH9 | 40 | Mount Holly | Intermittent | 3 | - | - | - | 0 | 0 | 69 | 207 | 0 | 0 | 0 | 0 | 0 | 0 | 74 | 222 | 543, 608, 609 | Vermont Agency of Transportation, Charleen Cole, Joseph Fitzgerald |
| 168 | T-MH-S25 | 40 | Mount Holly | Intermittent | 1 | SC-505 | 4 | At Culvert Splice | 0 | 0 | 7 | 7 | 28 | 112 | 5 | 5 | 67 | 268 | 112 | 397 | 543, 611, 614, 614.01 | Vermont Agency of Transportation, Philip & Marilyn Dunwoody, Casey Hodge, Vermont Agency of Transportation Rail Program |
| 170 | T-MH-S24 | 40 | Mount Holly | Intermittent | 3 | SC-509 | 2.5 | At Culvert Splice | 0 | 0 | 6 | 18 | 23 | 58 | 0 | 0 | 62 | 155 | 96 | 246 | 543, 613, 614.01, 616 | Vermont Agency of Transportation, Philip & Marilyn Dunwoody, Vermont Agency of Transportation Rail Program, Gary Martin |
| 172 | T-MH-AS-23 | 40 | Mount Holly | Perennial | 4 | SC-515 | 5.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 19 | 105 | 0 | 0 | 74 | 407 | 98 | 532 | 543, 614.01, 620, 621 | Vermont Agency of Transportation Rail Program, Neil Pelsue Jr. Trustee |
| 173 | T-MH-S22 | 40 | Mount Holly | Intermittent | 2 | SC-518 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 14 | 28 | 0 | 0 | 78 | 156 | 97 | 194 | 543, 614.01, 620, 621 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, Neil Pelsue Jr. Trustee, Neil Pelsue Jr. Trustee |
| 175 | T-MH-S21 | 41 | Mount Holly | Intermittent | 3 | SC-525 | 4.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 18 | 81 | 12 | 36 | 54 | 243 | 89 | 375 | 543, 614.01, 625, 627, 629 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, , Maria Howard, Maria Rae Howard C/O Mary Nortunen |
| 179 | T-MH-AS-20 | 41 | Mount Holly | Perennial | 4 | SC-533 | 5 | At Culvert Splice | 0 | 0 | 0 | 0 | 33 | 165 | 0 | 0 | 89 | 445 | 127 | 630 | 543, 633, 634, 636, 637 | Vermont Agency of Transportation, Frederick Ludwig III & Barbara Ludwig, Stanley Bussino, Vermont Agency of Transportation, Kevin MacDougal & Margaret Combatti |
| 180 | T-MH-AS-46 | 41 | Mount Holly | Intermittent | 3 | CU-535 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 27 | 81 | 0 | 0 | 203 | 609 | 235 | 705 | 543, 646, 647, 650, 655 | Vermont Agency of Transportation, Chris Turco Estate, C/O Mark Turco, Patricia Santoro & Richard Lawson, Thurlow Burnett, State of Vermont |
| 181 | T-MH-AS-45 | 42 | Mount Holly | Perennial | 5 | SC-537 | 5 | At Culvert Splice | 0 | 0 | 0 | 0 | 31 | 155 | 0 | 0 | 80 | 400 | 116 | 580 | 543, 650, 654, 655 | Vermont Agency of Transportation, Thurlow Burnett, State of Vermont, State of Vermont |
| 182 | T-MH-AS-42 | 42 | Mount Holly | Intermittent | 3 | SC-544 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 26 | 52 | 0 | 0 | 100 | 200 | 131 | 267 | 543, 657, 659 | Vermont Agency of Transportation, Ronald & Madaeja Priest, Susan Loso & Sandra Higaboom |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|-------------|-------------------------------------|-------------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|-----------------------|---|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 185, 186 | T-MH-DITCH6 | 43 | Mount Holly | Ephemeral | 1 | - | - | - | 0 | 0 | 203 | 203 | 0 | 0 | 418 | 418 | 0 | 0 | 626 | 626 | 543, 670, 671, 672 | Vermont Agency of Transportation, Burtco, Inc., Paul & Melissa McNeely, Keith Demers |
| 187 | T-MH-S19 | 43 | Mount Holly | Ephemeral | 1 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21 | 0 | 0 | 26 | 26 | 543, 673 | Vermont Agency of Transportation, Hull Trustee Iva, Hull-Nolan Turstee Marian |
| 188 | T-MH-S17 | 43 | Mount Holly | Ephemeral | 2 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 16 | 0 | 0 | 13 | 26 | 543, 677 | Vermont Agency of Transportation, Andrew Landman |
| 189 | T-MH-S16 | 43 | Mount Holly | Intermittent | 1 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 6 | 6 | 543, 677, 678 | Stanton Wyman, Andrew Landman, Vermont Agency of Transportation |
| 190 | T-MH-S14 | 43 | Mount Holly | Perennial | 12 | SC-559 | 10 | At Culvert Splice | 0 | 0 | 0 | 0 | 34 | 340 | 0 | 0 | 65 | 650 | 104 | 1050 | 543, 694, 696, 697 | Vermont Agency of Transportation, Pearce Harrison Hamlin, Nicholas Turco, David & Toni Avery |
| 192, 193 | T-MH-S4 | 44 | Mount Holly | Intermittent | 6 | SC-570 | 1 | At Culvert Splice | 0 | 0 | 191 | 1146 | 71 | 71 | 239 | 1434 | 1 | 1 | 507 | 2682 | 543, 714, 715, 715.01 | Vermont Agency of Transportation, Steven & Liane Heller, Vermont Agency of Transportation Rail Program |
| 193 | T-MH-AS-4 | 43 | Mount Holly | Intermittent | 3 | SC-569 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 24 | 48 | 0 | 0 | 73 | 146 | 102 | 209 | 543, 715, 715.01, 722 | Vermont Agency of Transportation, Steven & Liane Heller, Vermont Agency of Transportation Rail Program, Steven & Liane Heller |
| 194 | T-MH-S5 | 44 | Mount Holly | Intermittent | 1.5 | SC-576 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 24 | 48 | 0 | 0 | 73 | 146 | 102 | 202 | 543, 715.01, 722, 725 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, Steven & Liane Heller, |
| 196 | T-MH-DITCH1 | 45 | Mount Holly | Ephemeral | 5 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 92 | 460 | 0 | 0 | 97 | 485 | 543, 715.01, 725 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, |
| 195 | T-MH-S3 | 45 | Mount Holly | Ephemeral | 2 | SC-578 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 23 | 46 | 14 | 28 | 59 | 118 | 101 | 202 | 543, 715.01, 722, 725 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, Steven & Liane Heller, |
| 196 | T-MH-S2 | 45 | Mount Holly | Ephemeral | 4 | SC-580 | 2.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 28 | 70 | 6 | 24 | 63 | 158 | 102 | 272 | 543, 715.01, 723, 725 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, , |
| 198 | T-MH-S1 | 45 | Mount Holly | Perennial | 7 | SC-584 | 6 | At Culvert Splice | 0 | 0 | 0 | 0 | 21 | 126 | 0 | 0 | 56 | 336 | 82 | 497 | 543, 715.01, 724, 725 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, , |
| 199 | T-LU-S32 | 45 | Ludlow | Intermittent | 3 | SC-589 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 25 | 75 | 13 | 39 | 72 | 216 | 115 | 345 | 543, 715.01 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|------------------|------------|-------------------------------------|--------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|---------------------|---------------------------|---------------------|----------------------------------|---------------------|-----------------------------------|---------------------|-------------|---------------------|------------------------------|---|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | TOTAL IMPACTS ⁹ | | | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| | | | | | | | | | | | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | Impact (LF) | Impact Area (Sq Ft) | | | | |
| 200 | T-LU-S31 | 45 | Ludlow | Ephemeral | 4 | SC-594 | 3 | At Culvert Splice | 0 | 0 | 0 | 0 | 23 | 69 | 28 | 112 | 91 | 273 | 147 | 474 | 543, 715.01, 732 | Vermont Agency of Transportation, Vermont Agency of Transportation Rail Program, Diana Blythe |
| 202 | T-LU-S5 | 46 | Ludlow | Perennial | 3 | SC-627 | 3.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 30 | 105 | 11 | 33 | 7 | 25 | 53 | 178 | 730.01, 766, 768, 769, 773 | Vermont Agency of Transportation, Peter Cloudas, Village of Ludlow, Almos Revesz & Jessica Pike, Stephen & Patricia Kriss |
| 203 | T-LU-S28 | 48 | Ludlow | Ephemeral | 1.5 | SC-633 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 29 | 44 | 0 | 0 | 26 | 39 | 60 | 91 | 730, 804, 805, 806, 807, 811 | Town of Ludlow, Thomas & Shirley Saul, Peter & Mary Manning, Mary & Debra Karvonen, Mary & Debra Karvonen, Peter & Mary Manning |
| 204 | T-LU-S27 | 48 | Ludlow | Ephemeral | 1 | SC-641 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 23 | 35 | 0 | 0 | 13 | 20 | 41 | 60 | 730, 827, 829 | Town of Ludlow, Vermont Electric Power Company Inc, Vermont Electric Power Company, Inc. |
| 205 | T-LU-S26 | 48 | Ludlow | Ephemeral | 2 | SC-644 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 37 | 56 | 0 | 0 | 4 | 6 | 46 | 72 | 730, 828, 830, 831, 832 | Town of Ludlow, 400 East Lake Road Realty Trust, Patrick & Emily McGovern, Alan Wayler & Marsha Hudnall, Douglas & Lynn Gregor |
| 206 | T-LU-S24 | 48 | Ludlow | Ephemeral | 1 | SC-648 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 48 | 72 | 0 | 0 | 16 | 24 | 69 | 101 | 730, 833, 835 | Town of Ludlow, Richard & Marjorie Killian, Michael & Mabel Goonan |
| 207 | T-LU-S23 | 48 | Ludlow | Ephemeral | 3 | SC-654 | 2 | At Culvert Splice | 0 | 0 | 2 | 6 | 30 | 60 | 0 | 0 | 19 | 38 | 56 | 119 | 730, 839, 840, 841, 842 | Town of Ludlow, John & Tracy Lowry, Thompson Page & Molly Jager, Barbara Silver & Harry Holt, Dinah Schell |
| 208 | T-LU-S22 | 48 | Ludlow | Intermittent | 3 | SC-655 | 2 | At Culvert Splice | 0 | 0 | 5 | 15 | 27 | 54 | 0 | 0 | 19 | 38 | 56 | 122 | 730, 840, 845, 846 | Town of Ludlow, Thompson Page & Molly Jager, Richard & Marjorie Killian, John & Tracy Lowry |
| 209 | T-LU-S21 | 49 | Ludlow | Perennial | 2 | SC-661 | 2.7 | At Culvert Splice | 0 | 0 | 0 | 0 | 22 | 59 | 0 | 0 | 18 | 49 | 45 | 118 | 730, 840, 851, 852 | Town of Ludlow, Thompson Page & Molly Jager, Neil Mahoney, Trustee, Meredith Gutner Rubin |
| 210 | T-LU-S20 | 49 | Ludlow | Perennial | 10 | SC-663 | 7 | No Impact | 0 | 0 | 0 | 0 | 52 | 364 | 0 | 0 | 20 | 140 | 77 | 554 | 730, 840, 854 | Town of Ludlow, Thompson Page & Molly Jager, Alan & Michelle Grant |
| 211 | T-LU-AS-19 | 49 | Ludlow | Intermittent | 1 | SC-666 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 27 | 41 | 0 | 0 | 27 | 41 | 59 | 87 | 730, 856, 858 | Town of Ludlow, William and Ruth Combes, William and Ruth Combes |
| 212 | T-LU-S17 | 49 | Ludlow | Intermittent | 1 | SC-669 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 25 | 38 | 0 | 0 | 16 | 24 | 46 | 67 | 730, 863, 864, 865 | Town of Ludlow, Betty Ada Green, Lois & Elizabeth Krefski, Daniel & Erica Brinton |
| 213 | T-LU-S16 | 49 | Ludlow | Ephemeral | 1 | SC-672 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 28 | 42 | 0 | 0 | 8 | 12 | 41 | 59 | 730, 864, 865 | Town of Ludlow, Lois & Elizabeth Krefski, Daniel & Erica Brinton |

| Impact Exhibit # | Stream ID | Natural Resource Map Series Sheet # | Town | Flow Regime ¹ | Average Ordinary High Water (OHW) Width (Ft) ² | Unique Associated Stream Culvert ID | Associated Stream Culvert Diameter (Ft) (TRC) | Stream Culvert Activity ³ | Proposed Stream Impacts ^{4,5} | | | | | | | | | | | | Abutter ¹⁰ | |
|---|-----------|-------------------------------------|--------|--------------------------|---|-------------------------------------|---|--------------------------------------|--|---------------------|------------------------------|--------|---------------------------|--------|----------------------------------|--------|-----------------------------------|--------|----------------------------|---------------------|-----------------------|--|
| | | | | | | | | | Permanent Impact | | Temporary Impact | | | | | | | | TOTAL IMPACTS ⁹ | | | |
| | | | | | | | | | Impact (Linear Feet) | Impact Area (Sq Ft) | Trenching/Earthwork (Stream) | | Culvert Work ⁶ | | Dewatering (Stream) ⁷ | | Dewatering (Culvert) ⁸ | | IMPACT (LF) | IMPACT AREA (SQ FT) | LLN # | Last Name of Abutting Property Owner |
| 214 | T-LU-S14 | 49 | Ludlow | Intermittent | 2 | SC-675 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 21 | 42 | 0 | 0 | 15 | 30 | | | | |
| 214 | T-LU-S15 | 49 | Ludlow | Perennial | 6 | SC-676 | 3.3 | At Culvert Splice | 0 | 0 | 0 | 0 | 15 | 50 | 0 | 0 | 29 | 96 | 49 | 176 | 730, 865, 866 | Town of Ludlow, Daniel & Erica Brinton, Alan & Marsha Wayler |
| 215 | T-LU-S12 | 49 | Ludlow | Perennial | 4 | SC-680 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 23 | 46 | 0 | 0 | 28 | 56 | 56 | 122 | 730, 865, 868 | Town of Ludlow, Daniel & Erica Brinton, Daniel & Erica Brinton |
| 215 | T-LU-S13 | 49 | Ludlow | Intermittent | 2 | SC-679 | 1.5 | At Culvert Splice | 0 | 0 | 0 | 0 | 25 | 38 | 0 | 0 | 30 | 45 | 60 | 93 | 730, 865, 867 | Town of Ludlow, Daniel & Erica Brinton, Savlatore & Jean Fanciullo |
| 216 | T-LU-S10 | 50 | Ludlow | Intermittent | 4 | SC-688 | 2 | At Culvert Splice | 0 | 0 | 0 | 0 | 22 | 44 | 0 | 0 | 12 | 24 | 39 | 88 | 730, 880, 881 | Town of Ludlow, Gregory & Susan Riveiro, Michael & Rosemary Goings |
| Total Stream Impacts (Linear Feet) | | | | | | | | | 0 | 3,325 | | 3,404 | | 3,561 | | 8,352 | | 19,357 | | | | |
| Total Stream Impacts (Square Feet) | | | | | | | | | 0 | 7,615 | | 10,925 | | 12,203 | | 29,366 | | 62,299 | | | | |
| Total Stream Impacts (Acres) | | | | | | | | | 0.00 | 0.17 | | 0.25 | | 0.28 | | 0.67 | | 1.43 | | | | |

Note: GIS impact analysis conducted using Limits of Disturbance created by TRC-engineering- Drafted 03/18/2015

¹Flow regime is based on qualitative observations of instream hydrology indicators and geomorphic characteristic and is subject to professional judgment.

²Ordinary High Water (OHW) Width is determined from measurements taken in the field at the time of the delineation in accordance with guidance provided in the U.S. Army Corps of Engineers (USACE). 2005. "Regulatory Guidance Letter. Subject: Ordinary High Water Mark Identification." No. 05-05. Accessed online at: <http://www.usace.army.mil/cw/cecwo/reg/rglsindx.htm>.

³Culvert activity provided by TRC Engineering based on initial design plans that may be revised with design detail completed for project construction.

⁴Linear stream and/or culvert impacts are calculated by multiplying average OHW width by linear length of stream impact, or culvert diameter by linear length of culvert impact. Impact areas for the following streams are calculated as areas and have no associated linear impacts: **V-BE-S-8, T-SH-S10, T-SH-S7, T-SH-S3, and T-MH-S28.**

⁵Trenching/earthwork stream impacts are those for a 4'-wide trench that would occur within a maximum of 12-foot wide corridor that may be subject to bed/bank impacts during construction

⁶Culvert work relates to activities such as culvert cut/splice, removal/replacement or new culvert within existing culvert footprint. Impacts are conservatively estimated to occur within the Limit of Disturbance of the Project

⁷Temporary dewatering of non-culverted stream channel reaches associated with trenching, temporary workspace, or culvert work.

⁸Temporary dewatering of culverted stream reaches where the entire length of the culvert not associated with culvert work is included. Dewatering assumed to stop at the downstream culvert invert where diversion water to be returned according to project typical.

⁹Five linear feet has been added to all impacted streams, except **V-BE-S-8, T-SH-S10, T-SH-S7, T-SH-S3, and T-MH-S28**, to conservatively account for any temporary dewatering/diversion structures needed

¹⁰Abutter information, including mailing addresses and Line List Numbers are found in the Adjoining Property Owners table in the 404 Permit Application.

TDI - New England Clean Power Link (NECPL)
 Grand Isle, Rutland, and Windsor Counties, and Lake Champlain VT
 Lake Champlain Section 404/Section 10 Impacts
 Prepared by VHB/TRC
 March 31, 2015

| Plan Reference (Exhibit/Typical) | EPSC Sheet # | Approximate Milepost | Proposed Lake Champlain 404 Impacts | | | |
|---|---|----------------------|---------------------------------------|----------------------------|---|-----------------------|
| | | | Permanent Impact (Sq Ft) ¹ | Temporary Impacts (Sq Ft) | | TOTAL IMPACTS (SQ FT) |
| | | | | Causeway (FWD Access Area) | Receiver Casing/Coffer Dam ² | |
| Impact Exhibit - Fish & Wildlife Department (FWD) Access Area | Overland/Lake Route Transition Option 2 - Causeway L-TR-4 | 1.1 | 0 | 0 | - | 0 |
| Existing Utility Crossing | Typical Details L-TD-1 | 2 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 2 | 320 | - | - | 320 |
| Articulated Concrete Mat | Typical Details L-TD-1 | 8 | 34,595 | - | - | 34,595 |
| Articulated Concrete Mat | Typical Details L-TD-1 | 9 | 7,028 | - | - | 7,028 |
| Existing Utility Crossing | Typical Details L-TD-1 | 9 | 320 | - | - | 320 |
| Articulated Concrete Mat | Typical Details L-TD-1 | 10 | 8,399 | - | - | 8,399 |
| Articulated Concrete Mat | Typical Details L-TD-1 | 11 | 7,168 | - | - | 7,168 |
| Articulated Concrete Mat | Typical Details L-TD-1 | 15 | 11,972 | - | - | 11,972 |
| Articulated Concrete Mat | Typical Details L-TD-1 | 21 | 7,158 | - | - | 7,158 |
| Articulated Concrete Mat | Typical Details L-TD-1 | 21 | 27,637 | - | - | 27,637 |
| Existing Utility Crossing | Typical Details L-TD-1 | 25 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 25 | 320 | - | - | 320 |

| Plan Reference (Exhibit/Typical) | EPSC Sheet # | Approximate Milepost | Proposed Lake Champlain 404 Impacts | | | |
|----------------------------------|------------------------|--------------------------------|---------------------------------------|----------------------------|---|-----------------------|
| | | | Permanent Impact (Sq Ft) ¹ | Temporary Impacts (Sq Ft) | | TOTAL IMPACTS (SQ FT) |
| | | | | Causeway (FWD Access Area) | Receiver Casing/Coffer Dam ² | |
| Existing Utility Crossing | Typical Details L-TD-1 | 25 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 25 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 25 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 42 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 42 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 88 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 88 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 90 | 320 | - | - | 320 |
| Existing Utility Crossing | Typical Details L-TD-1 | 93 | 320 | - | - | 320 |
| HDD Coffer Dam Installation | Typical Details L-TD-1 | TBD | 0 | 0 | 960 | 960 |
| | | Impact Subtotal (Sq Ft) | 108,438 | 0 | 960 | 109,398 |
| | | | | 960 | | |
| | | Impact Subtotal (Acres) | 2.49 | 0.00 | 0.02 | 2.51 |
| | | | | 0.02 | | |

Note: GIS impact area analysis conducted using Limits of Disturbance created by TRC-Engineering- Drafted 03/18/2015 and referenced on Lake Champlain Segment EPSC Plans

¹Permanent impact to lake bottom is from concrete mattresses as necessary for utility crossings on exposed bedrock. The exact location and area is unknown, but 40x8 feet mattresses at 20 locations are assumed.

²Locations of temporary lake impacts from use of HDD coffer dam or receiver casing use are not yet final, but will consist of an approximately 16-foot by 30 foot area at 2 locations; 1 in Alburgh and 1 in Benson.