

Project Name: Atlantic Sunrise Project (Project)

Date: July 2017

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| Impact Number | Description of Impact (Fill, road/utility crossing, grading) | Resource Type (stream, wetland, floodway, body of water) | Resource Name                               | Chapter 93 Classification, Wetland Classification(EV or Other), or Floodway Type <sup>1</sup> | Wetland (Cowardin Classification) <sup>2</sup> | Stream Type (Intermittent, Perennial) | Stream Trout Status (Class A Wild Trout, Wild Trout, Trout Stocked) | Resource ID             |
|---------------|--|--|---|---|--|---------------------------------------|---|-------------------------|
| 1             | Utility Pipeline Crossing                                    | Stream   | UNT to Mill Creek (WW-T34-7001)             | CWF, MF   | R3   | Perennial                             | Wild Trout Waters   | WW-T34-7001             |
| 2             | Utility Pipeline Crossing                                    | Stream   | UNT to Mill Creek (WW-T34-7001)             | CWF, MF   | R3   | Perennial                             | Wild Trout Waters   | WW-T34-7001             |
| 3             | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Mill Creek (WW-T34-7001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T34-7001 |
| 4             | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Mill Creek (WW-T34-7001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T34-7001 |
| 5             | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Mill Creek (WW-T35-7001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T35-7001 |
| 6             | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Mill Creek (WW-T35-7001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T35-7001 |
| 7             | Utility Pipeline Crossing                                    | Pond   | WB-T35-7001                                 | None  | PUB  | N/A                                   | None  | WB-T35-7001             |
| 8             | Utility Pipeline Crossing                                    | Pond   | WB-T35-7001                                 | None  | PUB  | N/A                                   | None  | WB-T35-7001             |
| 9             | Utility Pipeline Crossing/Access Road Crossing               | Wetland  | W-T35-7001                                  | EV  | PEM  | N/A                                   | N/A   | W-T35-7001              |
| 10            | Utility Pipeline Crossing/Access Road Crossing               | Wetland  | W-T35-7001                                  | EV  | PEM  | N/A                                   | N/A   | W-T35-7001              |
| 11            | Utility Pipeline Crossing                                    | Stream   | Mill Creek (WW-T35-7002)                    | CWF, MF   | R3   | Perennial                             | Wild Trout Waters   | WW-T35-7002             |
| 12            | Utility Pipeline Crossing                                    | Stream   | Mill Creek (WW-T35-7002)                    | CWF, MF   | R3   | Perennial                             | Wild Trout Waters   | WW-T35-7002             |
| 13            | Utility Pipeline Crossing                                    | Floodway   | Floodway to Mill Creek (WW-T35-7002)        | FEMA Detailed <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T35-7002 |
| 14            | Utility Pipeline Crossing                                    | Floodway   | Floodway to Mill Creek (WW-T35-7002)        | FEMA Detailed <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T35-7002 |
| 15            | Utility Pipeline Crossing                                    | Stream   | UNT to Mill Creek (WW-T34-7002)             | CWF, MF   | R3   | Perennial                             | Wild Trout Waters   | WW-T34-7002             |
| 16            | Utility Pipeline Crossing                                    | Stream   | UNT to Mill Creek (WW-T34-7002)             | CWF, MF   | R3   | Perennial                             | Wild Trout Waters   | WW-T34-7002             |
| 17            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Mill Creek (WW-T34-7002) | FEMA Detailed   | N/A  | N/A                                   | N/A   | Floodway to WW-T34-7002 |
| 18            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Mill Creek (WW-T34-7002) | FEMA Detailed   | N/A  | N/A                                   | N/A   | Floodway to WW-T34-7002 |
| 19            | Utility Pipeline Crossing                                    | Wetland  | W-T34-7002                                  | EV  | PEM  | N/A                                   | N/A   | W-T34-7002              |
| 20            | Utility Pipeline Crossing                                    | Wetland  | W-T34-7002                                  | EV  | PEM  | N/A                                   | N/A   | W-T34-7002              |
| 21            | Utility Pipeline Crossing                                    | Wetland  | W-T34-8001/<br>W-T34-8001-1                 | None  | PFO  | N/A                                   | N/A   | W-T34-8001-1            |

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|---------------|--|--|--|---|--|---------------------------------------|---|-------------------------|
| 22            | Utility Pipeline Crossing                                    | Wetland  | W-T34-8001/<br>W-T34-8001-1                          | None  | PFO  | N/A                                   | N/A   | W-T34-8001-1            |
| 23            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T34-8001)                | CWF, MF   | R3   | Perennial                             | None  | WW-T34-8001             |
| 24            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T34-8001)                | CWF, MF   | R3   | Perennial                             | None  | WW-T34-8001             |
| 25            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara<br>Creek<br>(WW-T34-8001) | FEMA Detailed   | N/A  | N/A                                   | N/A   | Floodway to WW-T34-8001 |
| 26            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara<br>Creek<br>(WW-T34-8001) | FEMA Detailed   | N/A  | N/A                                   | N/A   | Floodway to WW-T34-8001 |
| 27            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T34-8001A)               | CWF, MF   | R4   | Intermittent                          | None  | WW-T34-8001A            |
| 28            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T34-8001A)               | CWF, MF   | R4   | Intermittent                          | None  | WW-T34-8001A            |
| 29            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T31-7001)                | CWF, MF   | R3   | Perennial                             | None  | WW-T31-7001             |
| 30            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T31-7001)                | CWF, MF   | R3   | Perennial                             | None  | WW-T31-7001             |
| 31            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara<br>Creek<br>(WW-T31-7001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T31-7001 |
| 32            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara<br>Creek<br>(WW-T31-7001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T31-7001 |
| 33            | Utility Pipeline Crossing                                    | Wetland  | W-T31-7001   | None  | PEM  | N/A                                   | N/A   | W-T31-7001              |
| 34            | Utility Pipeline Crossing                                    | Wetland  | W-T18-7005A  | None  | PEM  | N/A                                   | N/A   | W-T18-7005A             |
| 35            | Utility Pipeline Crossing                                    | Wetland  | W-T18-7005A  | None  | PEM  | N/A                                   | N/A   | W-T18-7005A             |
| 36            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara<br>Creek<br>(WW-T18-7004) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T18-7004 |
| 37            | Utility Pipeline Crossing                                    | Wetland  | W-T21-7001   | None  | PSS  | N/A                                   | N/A   | W-T21-7001              |
| 38            | Utility Pipeline Crossing                                    | Wetland  | W-T21-7001   | None  | PSS  | N/A                                   | N/A   | W-T21-7001              |
| 39            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T18-7007C)               | CWF, MF   | R4   | Intermittent                          | None  | WW-T18-7007C            |
| 40            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T18-7007C)               | CWF, MF   | R4   | Intermittent                          | None  | WW-T18-7007C            |
| 41            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T18-7007A)               | CWF, MF   | R3   | Perennial                             | None  | WW-T18-7007A            |
| 42            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T18-7007A)               | CWF, MF   | R3   | Perennial                             | None  | WW-T18-7007A            |
| 43            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek<br>(WW-T18-7007)                | CWF, MF   | R3   | Perennial                             | None  | WW-T18-7007             |

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|---------------|--|--|--|---|--|---------------------------------------|---|-------------------------|
| 44            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek (WW-T18-7007)             | CWF, MF   | R3   | Perennial                             | None  | WW-T18-7007             |
| 45            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara Creek (WW-T18-7007) | Assumed 50 Feet <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T18-7007 |
| 46            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara Creek (WW-T18-7007) | Assumed 50 Feet <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T18-7007 |
| 47            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek (WW-T21-7001)             | CWF, MF   | R4   | Intermittent                          | None  | WW-T21-7001             |
| 48            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek (WW-T21-7001)             | CWF, MF   | R4   | Intermittent                          | None  | WW-T21-7001             |
| 49            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara Creek (WW-T21-7001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T21-7001 |
| 50            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara Creek (WW-T21-7001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T21-7001 |
| 51            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek (WW-T21-7002)             | CWF, MF   | R4   | Intermittent                          | None  | WW-T21-7002             |
| 52            | Utility Pipeline Crossing                                    | Stream   | UNT to Swatara Creek (WW-T21-7002)             | CWF, MF   | R4   | Intermittent                          | None  | WW-T21-7002             |
| 53            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara Creek (WW-T21-7002) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T21-7002 |
| 54            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Swatara Creek (WW-T21-7002) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T21-7002 |
| 55            | Utility Pipeline Crossing                                    | Stream   | Lorberry Creek (WW-T31-8001)                   | CWF, MF   | R3   | Perennial                             | Wild Trout Waters (under review)                                    | WW-T31-8001             |
| 56            | Utility Pipeline Crossing                                    | Stream   | Lorberry Creek (WW-T31-8001)                   | CWF, MF   | R3   | Perennial                             | Wild Trout Waters (under review)                                    | WW-T31-8001             |
| 57            | Utility Pipeline Crossing                                    | Floodway   | Floodway to Lorberry Creek (WW-T31-8001)       | FEMA Detailed <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T31-8001 |
| 58            | Utility Pipeline Crossing                                    | Floodway   | Floodway to Lorberry Creek (WW-T31-8001)       | FEMA Detailed <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T31-8001 |
| 59            | Utility Pipeline Crossing                                    | Stream   | UNT to Lorberry Creek (WW-T31-8001A)           | CWF, MF   | R6   | Ephemeral                             | Wild Trout Waters (under review)                                    | WW-T31-8001A            |
| 60            | Utility Pipeline Crossing                                    | Stream   | UNT to Lorberry Creek (WW-T31-8001A)           | CWF, MF   | R6   | Ephemeral                             | Wild Trout Waters (under review)                                    | WW-T31-8001A            |
| 61            | Utility Pipeline Crossing                                    | Pond   | WB-T32-8002                                    | None  | PUB  | N/A                                   | None  | WB-T32-8002             |
| 62            | Utility Pipeline Crossing                                    | Wetland  | W-T24-8005                                     | EV  | PEM  | N/A                                   | N/A   | W-T24-8005              |
| 63            | Utility Pipeline Crossing                                    | Wetland  | W-T24-8005                                     | EV  | PEM  | N/A                                   | N/A   | W-T24-8005              |
| 64            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T43-8002)        | CWF, MF   | R3   | Perennial                             | Wild Trout Waters (under review)                                    | WW-T43-8002             |
| 65            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T43-8002)        | CWF, MF   | R3   | Perennial                             | Wild Trout Waters (under review)                                    | WW-T43-8002             |

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|---------------|--|--|---|---|--|---------------------------------------|---|-------------------------|
| 66            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Lower Rausch Creek (WW-T43-8002) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T43-8002 |
| 67            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Lower Rausch Creek (WW-T43-8002) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T43-8002 |
| 68            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T43-8001)             | CFW, MF   | R4   | Intermittent                          | Wild Trout Waters (under review)                                    | WW-T43-8001             |
| 69            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T43-8001)             | CFW, MF   | R4   | Intermittent                          | Wild Trout Waters (under review)                                    | WW-T43-8001             |
| 70            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Lower Rausch Creek (WW-T43-8001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T43-8001 |
| 71            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Lower Rausch Creek (WW-T43-8001) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T43-8001 |
| 72            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T24-8003)             | CFW, MF   | R4   | Intermittent                          | Wild Trout Waters (under review)                                    | WW-T24-8003             |
| 73            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T24-8003)             | CFW, MF   | R4   | Intermittent                          | Wild Trout Waters (under review)                                    | WW-T24-8003             |
| 74            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Lower Rausch Creek (WW-T24-8003) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T24-8003 |
| 75            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Lower Rausch Creek (WW-T24-8003) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T24-8003 |
| 76            | Utility Pipeline Crossing                                    | Stream   | Lower Rausch Creek (WW-T24-8002)                    | CFW, MF   | R3   | Perennial                             | Wild Trout Waters (under review)                                    | WW-T24-8002             |
| 77            | Utility Pipeline Crossing                                    | Stream   | Lower Rausch Creek (WW-T24-8002)                    | CFW, MF   | R3   | Perennial                             | Wild Trout Waters (under review)                                    | WW-T24-8002             |
| 78            | Utility Pipeline Crossing                                    | Floodway   | Floodway to Lower Rausch Creek (WW-T24-8002)        | FEMA Detailed <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T24-8002 |
| 79            | Utility Pipeline Crossing                                    | Floodway   | Floodway to Lower Rausch Creek (WW-T24-8002)        | FEMA Detailed <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T24-8002 |
| 80            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T24-8001)             | CFW, MF   | R4   | Intermittent                          | Wild Trout Waters (under review)                                    | WW-T24-8001             |
| 81            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T24-8001)             | CFW, MF   | R4   | Intermittent                          | Wild Trout Waters (under review)                                    | WW-T24-8001             |
| 82            | Utility Pipeline Crossing                                    | Wetland  | W-T24-8004  | EV  | PEM  | N/A                                   | N/A   | W-T24-8004              |
| 83            | Utility Pipeline Crossing                                    | Wetland  | W-T24-8004  | EV  | PEM  | N/A                                   | N/A   | W-T24-8004              |
| 84            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T95-8001)             | CFW, MF   | R4   | Intermittent                          | Wild Trout Waters (under review)                                    | WW-T95-8001             |
| 85            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T95-8001)             | CFW, MF   | R4   | Intermittent                          | Wild Trout Waters (under review)                                    | WW-T95-8001             |
| 86            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Lower Rausch Creek (WW-T95-8001) | Assumed 50 Feet <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T95-8001 |
| 87            | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Lower Rausch Creek (WW-T95-8001) | Assumed 50 Feet <sup>4</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T95-8001 |

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|---------------|--|--|---|---|--|---------------------------------------|---|---|
| 88            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T95-8001A)    | CWF, MF   | R6   | Ephemeral                             | Wild Trout Waters (under review)                                    | WW-T95-8001A                                |
| 89            | Utility Pipeline Crossing                                    | Stream   | UNT to Lower Rausch Creek (WW-T95-8001A)    | CWF, MF   | R6   | Ephemeral                             | Wild Trout Waters (under review)                                    | WW-T95-8001A                                |
| 90            | Utility Pipeline Crossing                                    | Wetland  | W-T24-8002                                  | None  | PEM  | N/A                                   | N/A   | W-T24-8002                                  |
| 91            | Utility Pipeline Crossing                                    | Wetland  | W-T24-8002                                  | None  | PEM  | N/A                                   | N/A   | W-T24-8002                                  |
| 92            | Utility Pipeline Crossing                                    | Wetland  | W-T20-8006                                  | None  | PFO  | N/A                                   | N/A   | W-T20-8006                                  |
| 93            | Utility Pipeline Crossing                                    | Wetland  | W-T20-8006                                  | None  | PFO  | N/A                                   | N/A   | W-T20-8006                                  |
| 94            | Utility Pipeline Crossing                                    | Wetland  | W-T20-8007                                  | None  | PFO  | N/A                                   | N/A   | W-T20-8007                                  |
| 95            | Utility Pipeline Crossing                                    | Wetland  | W-T20-8007                                  | None  | PFO  | N/A                                   | N/A   | W-T20-8007                                  |
| 96            | Utility Pipeline Crossing                                    | Wetland  | W-T96-9003 / W-T96-9003-1 / W-T96-9003-2    | EV  | PEM  | N/A                                   | N/A   | W-T96-9003 / W-T96-9003-1 / W-T96-9003-2    |
| 97            | Utility Pipeline Crossing                                    | Wetland  | W-T96-9003 / W-T96-9003-1 / W-T96-9003-2    | EV  | PEM  | N/A                                   | N/A   | W-T96-9003 / W-T96-9003-1 / W-T96-9003-2    |
| 98            | Utility Pipeline Crossing                                    | Wetland  | W-T96-9004                                  | EV  | PSS  | N/A                                   | N/A   | W-T96-9004                                  |
| 99            | Utility Pipeline Crossing                                    | Wetland  | W-T96-9004                                  | EV  | PSS  | N/A                                   | N/A   | W-T96-9004                                  |
| 100           | Utility Pipeline Crossing                                    | Stream   | Good Spring Creek (WW-T35-8001)             | CWF, MF   | R3   | Perennial                             | Wild Trout Waters (under review)                                    | WW-T35-8001                                 |
| 101           | Utility Pipeline Crossing                                    | Stream   | Good Spring Creek (WW-T35-8001)             | CWF, MF   | R3   | Perennial                             | Wild Trout Waters (under review)                                    | WW-T35-8001                                 |
| 102           | Utility Pipeline Crossing                                    | Floodway   | Floodway to Good Spring Creek (WW-T35-8001) | FEMA Detailed <sup>5</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T35-8001                     |
| 103           | Utility Pipeline Crossing                                    | Floodway   | Floodway to Good Spring Creek (WW-T35-8001) | FEMA Detailed <sup>5</sup>  | N/A  | N/A                                   | N/A   | Floodway to WW-T35-8001                     |
| 104           | Utility Pipeline Crossing                                    | Wetland  | W-T95-9001A                                 | None  | PEM  | N/A                                   | N/A   | W-T95-9001A                                 |
| 105           | Utility Pipeline Crossing                                    | Wetland  | W-T95-9001A                                 | None  | PEM  | N/A                                   | N/A   | W-T95-9001A                                 |
| 106           | Utility Pipeline Crossing                                    | Wetland  | W-T95-9001B / W-T95-9001B-1 / W-T95-9001B-2 | None  | PSS  | N/A                                   | N/A   | W-T95-9001B / W-T95-9001B-1 / W-T95-9001B-2 |
| 107           | Utility Pipeline Crossing                                    | Wetland  | W-T95-9001B / W-T95-9001B-1                 | None  | PSS  | N/A                                   | N/A   | W-T95-9001B / W-T95-9001B-1                 |
| 108           | Utility Pipeline Crossing                                    | Wetland  | W-T20-8003A / W-T20-8003A-1                 | EV  | PEM  | N/A                                   | N/A   | W-T20-8003A                                 |
| 109           | Utility Pipeline Crossing                                    | Wetland  | W-T20-8003A / W-T20-8003A-1                 | EV  | PEM  | N/A                                   | N/A   | W-T20-8003A                                 |

| Impact Number | Description of Impact (Fill, road/utility crossing, grading) | Resource Type (stream, wetland, floodway, body of water) | Resource Name                                | Chapter 93 Classification (EV or Other), or Floodway Type <sup>1</sup> | Wetland (Cowardin Classification) <sup>2</sup> | Stream Type (Intermittent, Perennial) | Stream Trout Status (Class A Wild Trout, Wild Trout, Trout Stocked) | Resource ID                   |
|---------------|--|--|--|--|--|---------------------------------------|---|-------------------------------|
| 110           | Utility Pipeline Crossing                                    | Stream   | UNT to Pine Creek (WW-T20-8001A)             | CWF, MF  | R3   | Perennial                             | Approved Trout Waters; Wild Trout Waters                            | WW-T20-8001A                  |
| 111           | Utility Pipeline Crossing                                    | Stream   | UNT to Pine Creek (WW-T20-8001A)             | CWF, MF  | R3   | Perennial                             | Approved Trout Waters; Wild Trout Waters                            | WW-T20-8001A                  |
| 112           | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Pine Creek (WW-T20-8001A) | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T20-8001A      |
| 113           | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Pine Creek (WW-T20-8001A) | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T20-8001A      |
| 114           | Utility Pipeline Crossing                                    | Stream   | Pine Creek (WW-T20-8001)                     | CWF, MF  | R3   | Perennial                             | Approved Trout Waters; Trout Stocked Stream; Wild Trout Waters      | WW-T20-8001                   |
| 115           | Utility Pipeline Crossing                                    | Stream   | Pine Creek (WW-T20-8001)                     | CWF, MF  | R3   | Perennial                             | Approved Trout Waters; Trout Stocked Stream; Wild Trout Waters      | WW-T20-8001                   |
| 116           | Utility Pipeline Crossing                                    | Floodway   | Floodway to Pine Creek (WW-T20-8001)         | FEMA Detailed <sup>4</sup>   | N/A  | N/A                                   | N/A   | Floodway to WW-T20-8001       |
| 117           | Utility Pipeline Crossing                                    | Floodway   | Floodway to Pine Creek (WW-T20-8001)         | FEMA Detailed <sup>4</sup>   | N/A  | N/A                                   | N/A   | Floodway to WW-T20-8001       |
| 118           | Utility Pipeline Crossing                                    | Stream   | UNT to Pine Creek (WW-T20-9001)              | CWF, MF  | R3   | Perennial                             | Approved Trout Waters; Wild Trout Waters                            | WW-T20-9001                   |
| 119           | Utility Pipeline Crossing                                    | Stream   | UNT to Pine Creek (WW-T20-9001)              | CWF, MF  | R3   | Perennial                             | Approved Trout Waters; Wild Trout Waters                            | WW-T20-9001                   |
| 120           | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Pine Creek (WW-T20-9001)  | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T20-9001       |
| 121           | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Pine Creek (WW-T20-9001)  | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T20-9001       |
| 122           | Utility Pipeline Crossing                                    | Wetland  | W-T16-9001                                   | EV   | PEM  | N/A                                   | N/A   | W-T16-9001                    |
| 123           | Utility Pipeline Crossing                                    | Wetland  | W-T16-9001                                   | EV   | PEM  | N/A                                   | N/A   | W-T16-9001                    |
| 124           | Utility Pipeline Crossing                                    | Stream   | UNT to Pine Creek (WW-T16-9001)              | CWF, MF  | R3   | Perennial                             | Wild Trout Waters   | WW-T16-9001                   |
| 125           | Utility Pipeline Crossing                                    | Stream   | UNT to Pine Creek (WW-T16-9001)              | CWF, MF  | R3   | Perennial                             | Wild Trout Waters   | WW-T16-9001                   |
| 126           | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Pine Creek (WW-T16-9001)  | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T16-9001       |
| 127           | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Pine Creek (WW-T16-9001)  | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T16-9001       |
| 128           | Utility Pipeline Crossing                                    | Pond   | WB-T10-9001                                  | None   | PUB  | N/A                                   | N/A   | WB-T10-9001                   |
| 129           | Utility Pipeline Crossing                                    | Wetland  | W-T53-9001A/<br>W-T53-9001A-1                | None   | PEM  | N/A                                   | N/A   | W-T53-9001A/<br>W-T53-9001A-1 |
| 130           | Utility Pipeline Crossing                                    | Wetland  | W-T53-9001A/<br>W-T53-9001A-1                | None   | PEM  | N/A                                   | N/A   | W-T53-9001A/<br>W-T53-9001A-1 |
| 131           | Utility Pipeline Crossing                                    | Wetland  | W-T53-9001C                                  | None   | PFO  | N/A                                   | N/A   | W-T53-9001C                   |

| Impact Number | Description of Impact (Fill, road/utility crossing, grading) | Resource Type (stream, wetland, floodway, body of water) | Resource Name  | Chapter 93 Classification, Wetland Classification(EV or Other), or Floodway Type <sup>1</sup> | Wetland (Cowardin Classification) <sup>2</sup> | Stream Type (Intermittent, Perennial) | Stream Trout Status (Class A Wild Trout, Wild Trout, Trout Stocked) | Resource ID               |
|---------------|--|--|--|---|--|---------------------------------------|---|---------------------------|
| 132           | Utility Pipeline Crossing                                    | Wetland  | W-T53-9001C  | None  | PFO  | N/A                                   | N/A   | W-T53-9001C               |
| 133           | Utility Pipeline Crossing                                    | Wetland  | W-T16-9003C  | None  | PFO  | N/A                                   | N/A   | W-T16-9003C               |
| 134           | Utility Pipeline Crossing                                    | Wetland  | W-T16-9003C  | None  | PFO  | N/A                                   | N/A   | W-T16-9003C               |
| 135           | Utility Pipeline Crossing                                    | Wetland  | W-T16-9003A  | None  | PEM  | N/A                                   | N/A   | W-T16-9003A               |
| 136           | Utility Pipeline Crossing                                    | Wetland  | W-T16-9003A  | None  | PEM  | N/A                                   | N/A   | W-T16-9003A               |
| 137           | Utility Pipeline Crossing                                    | Stream   | Deep Creek (WW-T16-9003)                                 | CWF, MF   | R3   | Perennial                             | Approved Trout Waters; Trout Stocked Stream                         | WW-T16-9003               |
| 138           | Utility Pipeline Crossing                                    | Stream   | Deep Creek (WW-T16-9003)                                 | CWF, MF   | R3   | Perennial                             | Approved Trout Waters; Trout Stocked Stream                         | WW-T16-9003               |
| 139           | Utility Pipeline Crossing                                    | Floodway   | Floodway to Deep Creek (WW-T16-9003)                     | FEMA Detailed   | N/A  | N/A                                   | N/A   | Floodway to WW-T16-9003   |
| 140           | Utility Pipeline Crossing                                    | Floodway   | Floodway to Deep Creek (WW-T16-9003)                     | FEMA Detailed   | N/A  | N/A                                   | N/A   | Floodway to WW-T16-9003   |
| 141           | Utility Pipeline Crossing                                    | Wetland  | W-T11-9002 / W-T11-9002-1                                | None  | PEM  | N/A                                   | N/A   | W-T11-9002 / W-T11-9002-1 |
| 142           | Utility Pipeline Crossing                                    | Wetland  | W-T11-9002   | None  | PEM  | N/A                                   | N/A   | W-T11-9002                |
| 143           | Utility Pipeline Crossing                                    | Stream   | Mahantango Creek (WW-T11-9001)                           | CWF, MF   | R3   | Perennial                             | Approved Trout Waters   | WW-T11-9001               |
| 144           | Utility Pipeline Crossing                                    | Stream   | Mahantango Creek (WW-T11-9001)                           | CWF, MF   | R3   | Perennial                             | Approved Trout Waters   | WW-T11-9001               |
| 145           | Utility Pipeline Crossing                                    | Floodway   | Floodway to Mahantango Creek (WW-T11-9001)               | FEMA Detailed   | N/A  | N/A                                   | N/A   | Floodway to WW-T11-9001   |
| 146           | Utility Pipeline Crossing                                    | Floodway   | Floodway to Mahantango Creek (WW-T11-9001)               | FEMA Detailed   | N/A  | N/A                                   | N/A   | Floodway to WW-T11-9001   |
| 147           | Utility Pipeline Crossing                                    | Wetland  | W-T11-9001   | None  | PEM  | N/A                                   | N/A   | W-T11-9001                |
| 148           | Utility Pipeline Crossing                                    | Wetland  | W-T11-9001   | None  | PEM  | N/A                                   | N/A   | W-T11-9001                |
| 149           | Utility Pipeline Crossing                                    | Stream   | UNT to Little Mahantango Creek (WW-T09-9002)             | CWF, MF   | R3   | Perennial                             | None  | WW-T09-9002               |
| 150           | Utility Pipeline Crossing                                    | Stream   | UNT to Little Mahantango Creek (WW-T09-9002)             | CWF, MF   | R3   | Perennial                             | None  | WW-T09-9002               |
| 151           | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Little Mahantango Creek (WW-T09-9002) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T09-9002   |
| 152           | Utility Pipeline Crossing                                    | Floodway   | Floodway to UNT to Little Mahantango Creek (WW-T09-9002) | Assumed 50 Feet   | N/A  | N/A                                   | N/A   | Floodway to WW-T09-9002   |
| 153           | Utility Pipeline Crossing                                    | Wetland  | W-T09-9002   | None  | PFO  | N/A                                   | N/A   | W-T09-9002                |

| Impact Number                                    | Description of Impact (Fill, road/utility crossing, grading) | Resource Type (stream, wetland, floodway, body of water) | Resource Name                                      | Chapter 93 Classification, Wetland Classification (EV or Other), or Floodway Type <sup>1</sup> | Wetland (Cowardin Classification) <sup>2</sup> | Stream Type (Intermittent, Perennial) | Stream Trout Status (Class A Wild Trout, Wild Trout, Trout Stocked) | Resource ID              |
|--|--|--|--|--|--|---------------------------------------|---|--------------------------|
| 154  | Utility Pipeline Crossing                                    | Wetland  | W-T09-9002   | None   | PFO  | N/A                                   | N/A   | W-T09-9002               |
| 155  | Utility Pipeline Crossing                                    | Stream   | Little Mahantango Creek (WW-T09-9001)              | CWF, MF  | R3   | Perennial                             | Approved Trout Waters   | WW-T09-9001              |
| 156  | Utility Pipeline Crossing                                    | Stream   | Little Mahantango Creek (WW-T09-9001)              | CWF, MF  | R3   | Perennial                             | Approved Trout Waters   | WW-T09-9001              |
| 157  | Utility Pipeline Crossing                                    | Floodway   | Floodway to Little Mahantango Creek (WW-T09-9001)  | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T09-9001  |
| 158  | Utility Pipeline Crossing                                    | Floodway   | Floodway to Little Mahantango Creek (WW-T09-9001)  | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T09-9001  |
| <b>Access Roads and Contractor Staging Areas</b> |  |  |  |  |  |                                       |   |                          |
| 159  | Road Crossing  | Floodway   | Floodway to UNT to Lower Rauch Creek (WW-T58-7001) | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T58-7001  |
| 160  | Road Crossing  | Floodway   | Floodway to UNT to Swatara Creek (WW-T35-7002)     | FEMA Detailed  | N/A  | N/A                                   | N/A   | Floodway to WW-T35-7002  |
| 161  | Road Crossing  | Floodway   | Floodway to UNT to Swatara Creek (WW-T65-8001A)    | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T65-8001A |
| 162  | Road Crossing  | Floodway   | Floodway to UNT to Swatara Creek (WW-T65-8001)     | FEMA Detailed  | N/A  | N/A                                   | N/A   | Floodway to WW-T65-8001  |
| 163  | Road Crossing  | Stream   | UNT to Mahantango Creek (WW-T87-9001)              | CWF, MF  | R3   | Perennial                             | Approved Trout Waters   | WW-T87-9001              |
| 164  | Road Crossing  | Floodway   | Floodway to UNT to Mahantango Creek (WW-T87-9001)  | Assumed 50 Feet  | N/A  | N/A                                   | N/A   | Floodway to WW-T87-9001  |
| <b>Swatara Creek PRM Site</b>                    |  |  |  |  |  |                                       |   |                          |
| 165  | Fill   | Ditch  | N/A  | CWF, MF  | N/A  | Ditch                                 | N/A   |                          |

<sup>1</sup> CWF = Cold Water Fishery; MF = Migratory Fishes; EV = Exceptional Value; TSF = Trout Stocking Fishery; WWF = Warm Water Fishery; HQ = High Quality

<sup>2</sup> PFO = Palustrine Forested; PSS = Palustrine Scrub-Shrub; PEM = Palustrine Emergent; R3 = Perennial Stream; R4 = Intermittent Stream; R6 = Ephemeral Stream

<sup>3</sup> Widths are reported as the maximum width for the feature. Stream lengths are reported on the impact maps as the sum of the permanent and temporary lengths.

<sup>4</sup> Multiple streams are included in these calculations as the floodways overlap.

<sup>5</sup> Includes both FEMA Detailed and Assumed 50 Foot Buffers.

<sup>6</sup> Temporary impacts to PFO wetlands include temporal conversion from forested to scrub-shrub or emergent wetland. Within this wetland, a 30-foot-wide corridor centered over the pipeline will be permanently converted from forested to scrub-shrub or emergent wetland; the remainder of the wetland will be allowed to fully revert back to PFO.

<sup>7</sup> The temporary floodway impact represents the full extent of the floodway across the existing access road. Project activities within the floodway will be limited to installation of a rock construction entrance and driveway apron and installation of compost filter sock, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway. The driveway apron detail is shown on the Access Road Erosion & Sediment Control and Layout Plans in Attachment M.

<sup>8</sup> The temporary floodway impact represents the full extent of the floodway across the existing access road. Project activities within the floodway will be limited to installation of the rock construction entrance, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

<sup>9</sup> The temporary floodway impact represents the full extent of the floodway across the existing access road. Project activities within the floodway will be limited to placement of timber matting over the existing bridge, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.

<sup>10</sup> The temporary floodway impact represents the full extent of the floodway across the existing access road. Project activities within the floodway will be limited to placement of a bridge equipment crossing over the existing stream and driveway apron, as well as vehicle traffic along the existing access road. No permanent fill will be placed or grading completed within the floodway.