PennEast Pipeline Project
Phase 1 Waterbody Impact Table
Delaware River Basin

| MP[1] | County[2] | Latitude[3] | Longitude[3] | Waterbody Name | Waterbody ID[4] | FERC Class[5] | Water Type[6] | Chapter 93 Desig./ Existing Use[7] | Wild Trout[8] | Stocked Trout[9] | Crossing Width (feet)[10] | Temp. Impact Acreage[11] | Perm. Impact Acreage[12] | Total Impact Acreage | Primary Pipeline Crossing Method[13] | Secondary Pipeline Crossing Method[13] | Tertiary Pipeline Crossing Method[13] | Temp. Equip. Bridge | Total Acres Delineated | Linear Feet in Survey Area | Impact Type | Stream Impact Centerline (feet)[14] | Class of Aquatic Resources Section 10 or 404 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PennEast Mainline Route Pipeline (Phase 1 - Delaware River Basin) | | | | | | | | | | | | | | | | | | | | | | | |
| 14.7 | LUZERNE | 41.2321795 | -75.7525264 | UNT to Little Bear Creek | 041017_NJ_1002_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 2 | 0.003 | - | 0.003 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.029 | 638 | T | 79 | 404 |
| 15 | LUZERNE | 41.2296294 | -75.74933352 | UNT to Little Bear Creek | 043015_JC_1001_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 7 | 0.003 | - | 0.003 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.03 | 197 | T | 35 | 404 |
| 16.2 | LUZERNE | 41.217339 | -75.73355023 | UNT to Bear Creek | 112114_JC_1003_P_IM - 1 | Int. | RPW | HQ-CWF, MF | - | - | 65 | 0.064 | - | 0.064 | DPX | FX | CD | Mat Bridge or equivalent | 0.527 | 595 | T | 83 | 404 |
| 16.2 | LUZERNE | 41.2170297 | -75.73305545 | Bear Creek | 112114_JC_1002_P_MI | Minor | RPW | HQ-CWF, MF | - | - | 12 | 0.013 | - | 0.013 | DPX | FX | CD | Mat Bridge or equivalent | 0.098 | 417 | T | 91 | 404 |
| 16.4 | LUZERNE | 41.2154359 | -75.73053823 | UNT to Bear Creek | 112114_JC_1001_P_MI - 1 | Minor | RPW | HQ-CWF, MF | - | - | 7 | 0.007 | - | 0.007 | DPX | FX | CD | Mat Bridge or equivalent | 0.074 | 591 | T | 85 | 404 |
| 16.7 | LUZERNE | 41.2125318 | -75.72593129 | Meadow Run | 112014_JC_1003_P_IM - 1 | Int. | RPW | HQ-CWF, MF | - | - | 38 | 0.042 | - | 0.042 | DPX | FX | CD | Mat Bridge or equivalent | 0.303 | 440 | T | 80 | 404 |
| 16.9 | LUZERNE | 41.2107346 | -75.7230669 | UNT Meadow Run | 112014_JC_1002_P_MI | Minor | RPW | HQ-CWF, MF | - | - | 2 | 0.004 | - | 0.004 | DPX | FX | CD | Mat Bridge or equivalent | 0.011 | 248 | T | 111 | 404 |
| 17.7 | LUZERNE | 41.2026687 | -75.71110759 | UNT to Little Shades Creek | 112014_JC_1001_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 4 | 0.004 | - | 0.004 | DPX | FX | CD | Mat Bridge or equivalent | 0.017 | 203 | T | 71 | 404 |
| 18.3 | LUZERNE | 41.196896 | -75.70208654 | Little Shades Creek | 111914_JC_1002_P_IM | Int. | RPW | HQ-CWF, MF | III | - | 106 | 0.09 | - | 0.09 | DPX | FX | CD | Mat Bridge or equivalent | 0.497 | 447 | T | 86 | 404 |
| 18.4 | LUZERNE | 41.1963945 | -75.70151609 | UNT to Little Shades Creek | 111914_JC_1001_P_IM | Int. | RPW | HQ-CWF, MF | III | - | 13 | 0.013 | - | 0.013 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.072 | 210 | T | 54 | 404 |
| 19.6 | LUZERNE | 41.179581 | -75.69661655 | Shades Creek | 121614_JC_1009_P_IM | Int. | RPW | HQ-CWF, MF | I, III | - | 26 | 0.03 | - | 0.03 | DPX | FX | CD | Mat Bridge or equivalent | 0.296 | 727 | T | 81 | 404 |
| 20 | LUZERNE | 41.1735571 | -75.69636427 | UNT to Shades Creek | 121714_JC_1001_E_MI | Minor | NRPW | HQ-CWF, MF | I, III | - | 9 | 0.006 | - | 0.006 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.022 | 138 | T | 79 | 404 |
| 20.1 | LUZERNE | 41.1724103 | -75.69627202 | UNT to Shades Creek | 121614_JC_1006_P_MI | Minor | RPW | HQ-CWF, MF | I, III | - | 14 | 0.021 | - | 0.021 | DPX | FX | CD | Mat Bridge or equivalent | 0.131 | 810 | T | 187 | 404 |
| 21.2 | LUZERNE | 41.1574171 | -75.69390347 | UNT to Stony Run | 121614_JC_1004_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 5 | 0.003 | - | 0.003 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.025 | 266 | T | 62 | 404 |
| 22.7 | LUZERNE | 41.1361856 | -75.68956668 | Stony Run | 050615_JC_1001_P_IM | Int. | RPW | HQ-CWF, MF | III | - | 26 | 0.023 | - | 0.023 | DPX | FX | CD | Mat Bridge or equivalent | 0.727 | 992 | T | 82 | 404 |
| 23 | LUZERNE | 41.131387 | -75.6882347 | Lehigh River | 052115_JC_1001_P_MA | Major | TNW | HQ-CWF, MF | III | - | 434 | 0.687 | - | 0.687 | DPX | DPX | DPX | N/A | 21.916 | 2103 | T | 100 | 404 |
| 26.6 | CARBON | 41.0839787 | -75.6612452 | UNT to Black Creek | 102114_JC_1001_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 7 | 0.009 | - | 0.009 | DPX | FX | CD | Mat Bridge or equivalent | 0.259 | 1608 | T | 86 | 404 |
| 30.4R2 | CARBON | 41.0414465 | -75.62687507 | UNT to Hawk Run | 042415_JC_1006_E_MI - 1 | Minor | NRPW | HQ-CWF, MF | I, III | - | 4 | 0.006 | - | 0.006 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.062 | 818 | T | 86 | 404 |
| 30.5R2 | CARBON | 41.0403213 | -75.62666963 | UNT to Hawk Run | 042415_JC_1006_E_MI - 2 | Minor | NRPW | HQ-CWF, MF | I, III | - | 4 | 0.016 | - | 0.016 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.062 | 818 | T | 332 | 404 |
| 31.2R2 | CARBON | 41.0305321 | -75.62453504 | UNT to Laurel Run | 042415_JC_1004_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 17 | 0.042 | - | 0.042 | DPX | FX | CD | Mat Bridge or equivalent | 0.056 | 258 | T | 237 | 404 |
| 31.2R2 | CARBON | 41.0303929 | -75.62456894 | UNT to Laurel Run | 042415_JC_1002_P_IN - 1 | Int. | RPW | HQ-CWF, MF | III | - | 5 | 0.013 | - | 0.013 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.271 | 783 | T | 37 | 404 |
| 31.2R2 | CARBON | 41.0299965 | -75.62442255 | UNT to Laurel Run | 042415_JC_1002_P_IN - 2 | Int. | RPW | HQ-CWF, MF | III | - | 16 | 0.018 | - | 0.018 | DPX | FX | CD | Mat Bridge or equivalent | 0.271 | 783 | T | 84 | 404 |
| 31.2R2 | CARBON | 41.0303334 | -75.62434035 | UNT to Laurel Run | 042415_JC_1005_D_MI | Minor | NRPW | HQ-CWF, MF | III | - | 4 | 0.003 | - | 0.003 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.053 | 585 | T | 34 | 404 |
| 32.9R3 | CARBON | 41.007813 | -75.61490513 | UNT to Mud Run | 110316_GM_1004_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 3 | 0.004 | - | 0.004 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.031 | 443 | T | 87 | 404 |
| 32.8R3 | CARBON | 41.0090272 | -75.61530575 | UNT to Mud Run | 110316_GM_1003_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 5 | 0.007 | - | 0.007 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.025 | 268 | T | 168 | 404 |
| 33.2R3 | CARBON | 41.0028097 | -75.61332127 | Mud Run | 042115_JC_1001_P_IN | Int. | RPW | HQ-CWF, MF | III | TS | 45 | 0.046 | - | 0.046 | CD | CD | CD | Mat Bridge or equivalent | 0.407 | 443 | T | 77 | 404 |
| 33.2R3 | CARBON | 41.0025535 | -75.61324504 | UNT to Mud Run | 042115_JC_1002_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 10 | 0.007 | - | 0.007 | DPX | FX | CD | Mat Bridge or equivalent | 0.104 | 454 | T | 75 | 404 |
| 33.4R3 | CARBON | 40.9993909 | -75.61211595 | UNT to Mud Run | 042115_JC_1004_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 14 | 0.023 | - | 0.023 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.161 | 703 | T | 267 | 404 |
| 33.5R3 | CARBON | 40.9989239 | -75.61189452 | UNT to Mud Run | 042115_JC_1005_E_MI | Minor | NRPW | HQ-CWF, MF | III | - | 4 | 0.004 | - | 0.004 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.008 | 111 | T | 64 | 404 |
| 34.7R2 | CARBON | 40.9831549 | -75.6200343 | UNT to Stony Creek | 042315_JC_1001_I_MI | Minor | RPW | EV, MF | III | - | 4 | 0.001 | - | 0.001 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.107 | 560 | T | 39 | 404 |
| 34.7R2 | CARBON | 40.9820711 | -75.62058891 | UNT to Stony Creek | 042315_JC_1002_P_MI | Minor | RPW | EV, MF | III | - | 6 | 0.009 | - | 0.009 | DPX | FX | CD | Mat Bridge or equivalent | 0.074 | 645 | T | 128 | 404 |
| 34.8R3 | CARBON | 40.9810074 | -75.62124672 | Stony Creek | 042315_JC_1003_P_IN | Int. | RPW | EV, MF | III | - | 18 | 0.018 | - | 0.018 | DPX | FX | CD | Mat Bridge or equivalent | 0.129 | 368 | T | 86 | 404 |
| 34.8R3 | CARBON | 40.9807841 | -75.62150335 | UNT to Stony Creek | 042315_JC_1003_I_IN | Int. | RPW | EV, MF | III | - | 3 | 0.005 | - | 0.005 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.578 | 1667 | T | - | 404 |
| 36.1 | CARBON | 40.9624798 | -75.62954863 | Yellow Run | 060117_MB_1001_P_MI | Minor | RPW | EV, MF | III | - | 25 | 0.044 | - | 0.044 | DPX | FX | CD | Mat Bridge or equivalent | 0.29 | 679 | T | 115 | 404 |

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| 37.5 | CARBON | 40.943444 | -75.63461596 | UNT to Wild Creek | 061615_DB_1001_I_MI | Minor | RPW | EV, MF | I, III | - | 7 | 0.007 | - | 0.007 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.064 | 429 | T | 84 | 404 |
| 38.3 | CARBON | 40.9313733 | -75.63439271 | Wild Creek | 061615_DB_1002_P_IN | Int. | RPW | EV, MF | I, III | - | 10 | 0.013 | - | 0.013 | DPX | FX | CD | Mat Bridge or equivalent | 0.146 | 728 | T | 81 | 404 |
| 41 | CARBON | 40.9031567 | -75.60216392 | UNT to White Oak Run | 040517_BT_1001_E_MI | Minor | NRPW | EV, MF | III | - | 1 | 0.001 | - | 0.001 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.006 | 250 | T | 49 | 404 |
| 41.1 | CARBON | 40.9030926 | -75.60088514 | UNT to White Oak Run | 091516_GM_1002_E_MI | Minor | NRPW | EV, MF | III | - | 4 | 0.004 | - | 0.004 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.029 | 419 | T | 84 | 404 |
| 41.2 | CARBON | 40.9030317 | -75.59966925 | UNT to White Oak Run | 012717_GM_1002_P_MI | Minor | RPW | EV, MF | III | - | 5 | 0.005 | - | 0.005 | DPX | FX | CD | Mat Bridge or equivalent | 0.061 | 658 | T | 90 | 404 |
| 41.2 | CARBON | 40.9029479 | -75.5979968 | UNT to White Oak Run | 012717_GM_1003_P_MI | Minor | RPW | EV, MF | III | - | 6 | 0.006 | - | 0.006 | DPX | FX | CD | Mat Bridge or equivalent | 0.061 | 529 | T | 115 | 404 |
| 41.3 | CARBON | 40.9028863 | -75.59676693 | UNT to White Oak Run | 020117_GM_1002_P_MI | Minor | RPW | EV, MF | III | - | 4 | 0.007 | - | 0.007 | DPX | FX | CD | Mat Bridge or equivalent | 0.057 | 623 | T | 119 | 404 |
| 41.6 | CARBON | 40.9007967 | -75.59230477 | White Oak Run | 020117_GM_1001_P_MI | Minor | RPW | EV, MF | III | - | 10 | 0.011 | - | 0.011 | DPX | FX | CD | Mat Bridge or equivalent | 0.111 | 475 | T | 79 | 404 |
| 43.5R3 | CARBON | 40.8865566 | -75.56140964 | Wild Creek/Beltzville Lake | 052215_JC_1001_LAKE_MA (1) | Major | RPW | EV, MF | III | - | - | - | - | - | HDD | HDD | HDD | N/A | 2.515 | 894 | T | - | 404 |
| 44R3 | CARBON | 40.8830461 | -75.55398626 | Pohopoco Creek/Beltzville Lake | 052215_JC_1001_LAKE_MA (2) | Major | RPW | CWF, MF | III | - | - | - | - | - | HDD | HDD | HDD | N/A | 4.369 | 632 | T | - | 404 |
| 44.2R3 | CARBON | 40.8810216 | -75.54955655 | UNT to Pohopoco Creek | 061715_DB_1001_I_MI | Minor | RPW | CWF, MF | III | - | - | - | - | - | HDD | HDD | HDD | N/A | 0.131 | 1135 | T | - | 404 |
| 44.3R3 | CARBON | 40.8807639 | -75.54916139 | UNT to Pohopoco Creek | 122215_DB_1001_P_MI | Minor | RPW | CWF, MF | III | - | - | - | - | - | HDD | HDD | HDD | N/A | 0.087 | 629 | T | - | 404 |
| 44.8R2 | CARBON | 40.8743159 | -75.54446724 | UNT to Hunter Creek | 041018_WA_1000_P_MI | Minor | RPW | HQ-CWF, MF | I, III | - | 6 | 0.007 | - | 0.007 | DPX | FX | CD | Mat Bridge or equivalent | 0.091 | 695 | T | 78 | 404 |
| 45R2 | CARBON | 40.8720857 | -75.54173966 | UNT to Hunter Creek | 051115_JC_1002_P_MI | Minor | RPW | HQ-CWF, MF | I, III | - | 2 | 0.002 | - | 0.002 | DPX | FX | CD | Mat Bridge or equivalent | 0.02 | 431 | T | 76 | 404 |
| 45.6 | CARBON | 40.8655715 | -75.53793699 | UNT to Hunter Creek | 051115_JC_1001_P_MI | Minor | RPW | HQ-CWF, MF | I, III | - | 2 | 0.002 | - | 0.002 | DPX | FX | CD | Mat Bridge or equivalent | 0.017 | 499 | T | 119 | 404 |
| 46.3 | CARBON | 40.8583126 | -75.52697553 | UNT to Hunter Creek | 041018_WA_1003_I_MI | Minor | RPW | HQ-CWF, MF | I, III | - | 3 | 0.001 | - | 0.001 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.018 | 261 | T | 35 | 404 |
| 48.1 | CARBON | 40.8373931 | -75.50885047 | Buckwha Creek | 090914_WA_1000_P_IM | Int. | RPW | CWF, MF | III | TS | 57 | 0.058 | - | 0.058 | DPX | FX | CD | Mat Bridge or equivalent | 0.612 | 466 | T | 79 | 404 |
| 49.3R3 | CARBON | 40.8243674 | -75.49925064 | Aquashicola Creek | 041217_GM_1001_P_IN | Int. | RPW | HQ-CWF, MF | III | TS | - | - | - | - | BX | BX | BX | N/A | 0.447 | 250 | T | - | 404 |
| 50.6R3 | CARBON | 40.8216126 | -75.47998227 | UNT to Aquashicola Creek | 072618_WA_1010_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 2 | 0.001 | - | 0.001 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.003 | 56 | T | 40 | 404 |
| 50.6R3 | CARBON | 40.8216492 | -75.47976201 | UNT to Aquashicola Creek | 072618_WA_1009_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 3 | 0.003 | - | 0.003 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.015 | 217 | T | 75 | 404 |
| 50.6R3 | CARBON | 40.8216926 | -75.4795002 | UNT to Aquashicola Creek | 072618_WA_1007_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 1 | 0.001 | - | 0.001 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.007 | 304 | T | 88 | 404 |
| 50.7R3 | CARBON | 40.8219348 | -75.47877867 | UNT to Aquashicola Creek | 072618_WA_1005_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 2 | 0.001 | - | 0.001 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.007 | 149 | T | 39 | 404 |
| 50.7R3 | CARBON | 40.821837 | -75.47864061 | UNT to Aquashicola Creek | 072618_WA_1004_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 2 | 0.003 | - | 0.003 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.005 | 106 | T | 86 | 404 |
| 50.7R3 | CARBON | 40.821815 | -75.4785452 | UNT to Aquashicola Creek | 072618_WA_1003_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 2 | 0.001 | - | 0.001 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.006 | 125 | T | 39 | 404 |
| 50.7R3 | CARBON | 40.8218938 | -75.47830638 | UNT to Aquashicola Creek | 072618_WA_1001_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 6 | 0.006 | - | 0.006 | DPX | FX | CD | Mat Bridge or equivalent | 0.036 | 250 | T | 76 | 404 |
| 52.7R3 | NORTHAMPTON | 40.8003584 | -75.47432874 | UNT to Indian Creek | 080917_WA_1002_P_MI - 1 | Minor | RPW | CWF, MF | III | - | 5 | 0.001 | - | 0.001 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.067 | 878 | T | 10 | 404 |
| 52.7R3 | NORTHAMPTON | 40.8001523 | -75.47432999 | UNT to Indian Creek | 080917_WA_1002_P_MI - 2 | Minor | RPW | CWF, MF | III | - | 5 | 0.008 | - | 0.008 | DPX | FX | CD | Mat Bridge or equivalent | 0.067 | 878 | T | 43 | 404 |
| 52.8R3 | Northampton | 40.799784 | -75.474398 | UNT to Indian Creek | 080917_WA_1002_P_MI - 3 | Minor | RPW | CWF, MF | III | - | 2 | 0.001 | - | 0.001 | N/A | N/A | N/A | N/A - Workspace | 0.067 | 878 | T | - | 404 |
| 52.9R3 | NORTHAMPTON | 40.7975431 | -75.47520158 | UNT to Indian Creek | 110217_WA_1003_P_MI | Minor | RPW | CWF, MF | III | TS | 5 | 0.006 | - | 0.006 | DPX | FX | CD | Mat Bridge or equivalent | 0.131 | 1067 | T | 30 | 404 |
| 53.2R3 | NORTHAMPTON | 40.7938552 | -75.47619063 | UNT to Indian Creek | 080917_WA_1001_I_MI | Minor | RPW | CWF, MF | III | - | 3 | 0.003 | - | 0.003 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.025 | 535 | T | 104 | 404 |
| 53.3R3 | NORTHAMPTON | 40.7921075 | -75.47610302 | UNT to Indian Creek | 050217_MB_1002_I_MI | Minor | RPW | CWF, MF | III | - | 5 | 0.003 | - | 0.003 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.019 | 160 | T | 55 | 404 |
| 53.4R3 | NORTHAMPTON | 40.7909923 | -75.47586095 | UNT to Indian Creek | 050217_MB_1001_P_IN | Int. | RPW | CWF, MF | III | TS | 12 | 0.015 | - | 0.015 | DPX | FX | CD | Mat Bridge or equivalent | 0.179 | 494 | T | 97 | 404 |
| 55.7 | NORTHAMPTON | 40.7837318 | -75.45906484 | UNT to Hokendauqua Creek | 102815_WA_1001_E_MI | Minor | NRPW | CWF, MF | III | - | 15 | 0.014 | - | 0.014 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.158 | 679 | T | 98 | 404 |
| 55.9 | NORTHAMPTON | 40.7813037 | -75.45767728 | Hokendauqua Creek | 051215_JC_1002_P_IN | Int. | RPW | CWF, MF | III | TS | 56 | 0.058 | - | 0.058 | DPX | FX | CD | Mat Bridge or equivalent | 0.513 | 724 | T | 134 | 404 |
| 55.9 | NORTHAMPTON | 40.7806064 | -75.4572788 | UNT to Hokendauqua Creek | 051215_JC_1001_E_MI | Minor | NRPW | CWF, MF | III | - | 5 | 0.005 | - | 0.005 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.056 | 485 | T | 76 | 404 |
| 56 | NORTHAMPTON | 40.7799403 | -75.45702906 | UNT to Hokendauqua Creek | 051215_JC_1003_I_MI | Minor | RPW | CWF, MF | III | TS | 2 | 0.002 | - | 0.002 | BX | BX | BX | Mat Bridge or equivalent | 0.014 | 299 | T | 75 | 404 |

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| 56 | NORTHAMPTON | 40.7793564 | -75.45681419 | UNT to Hokendauqua Creek | 062218_WA_1000_P_MI | Minor | RPW | CWF, MF | III | TS | 2 | 0.002 | - | 0.002 | DPX | FX | CD | Mat Bridge or equivalent | 0.013 | 281 | T | 77 | 404 |
| 56.7 | NORTHAMPTON | 40.772084 | -75.4486004 | UNT to Hokendauqua Creek | 050417_GM_1002_P_MI | Minor | RPW | CWF, MF | III | - | 10 | 0.008 | - | 0.008 | DPX | FX | CD | Mat Bridge or equivalent | 0.038 | 276 | T | 142 | 404 |
| 56.7 | NORTHAMPTON | 40.7716767 | -75.44828989 | UNT to Hokendauqua Creek | 050417_GM_1003_P_IN | Int. | RPW | CWF, MF | III | - | 17 | 0.019 | - | 0.019 | DPX | FX | CD | Mat Bridge or equivalent | 0.128 | 500 | T | 145 | 404 |
| 58R2 | NORTHAMPTON | 40.760247 | -75.429116 | UNT to Monocacy Creek | 071917_MB_1001_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 2 | 0.002 | - | 0.002 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.025 | 547 | T | 87 | 404 |
| 58.1R2 | NORTHAMPTON | 40.7599683 | -75.42790168 | UNT to Monocacy Creek | 052218_WA_1001_E_MI | Minor | NRPW | HQ-CWF, MF | III | - | 4 | 0.004 | - | 0.004 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.027 | 289 | T | 76 | 404 |
| 58.5 | NORTHAMPTON | 40.7552266 | -75.42305364 | UNT to Monocacy Creek | 052218_WA_1002_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 6 | 0.007 | - | 0.007 | DPX | FX | CD | Mat Bridge or equivalent | 0.083 | 596 | T | 77 | 404 |
| 58.5 | NORTHAMPTON | 40.7551177 | -75.4229323 | UNT to Monocacy Creek | 052218_WA_1003_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 4 | 0.004 | - | 0.004 | DPX | FX | CD | Mat Bridge or equivalent | 0.03 | 332 | T | 77 | 404 |
| 59 | NORTHAMPTON | 40.7496458 | -75.41644757 | UNT to Monocacy Creek | 090314_DB_1011_E_MI | Minor | NRPW | HQ-CWF, MF | III | - | 5 | 0.005 | - | 0.005 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.052 | 447 | T | 80 | 404 |
| 59.2 | NORTHAMPTON | 40.7474075 | -75.41355764 | UNT to Monocacy Creek | 090414_DB_1012_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 5 | 0.002 | - | 0.002 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.03 | 328 | T | 67 | 404 |
| 59.2 | NORTHAMPTON | 40.7472353 | -75.41333528 | UNT to Monocacy Creek | 090414_DB_1013_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 8 | 0.01 | - | 0.01 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.131 | 708 | T | 110 | 404 |
| 60.3 | NORTHAMPTON | 40.7370176 | -75.39948764 | Monocacy Creek | 051215_JC_1005_P_IN | Int. | RPW | HQ-CWF, MF | I, III | TS | 23 | 0.022 | - | 0.022 | BX | DPX | FX | Mat Bridge or equivalent | 0.205 | 396 | T | 80 | 404 |
| 60.6 | NORTHAMPTON | 40.7360044 | -75.39363132 | UNT to Monocacy Creek | 090314_DB_1005_E_MI | Minor | NRPW | HQ-CWF, MF | III | - | 10 | 0.009 | - | 0.009 | BX | BX | BX | Mat Bridge or equivalent | 0.091 | 431 | T | 72 | 404 |
| 60.7 | NORTHAMPTON | 40.7358145 | -75.39250243 | UNT to Monocacy Creek | 090314_DB_1007_E_MI | Minor | NRPW | HQ-CWF, MF | III | - | 4 | 0.005 | - | 0.005 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.032 | 353 | T | 88 | 404 |
| 60.7 | NORTHAMPTON | 40.7357729 | -75.39225485 | UNT to Monocacy Creek | 090314_DB_1006_I_MI | Minor | RPW | HQ-CWF, MF | III | - | 6 | 0.007 | - | 0.007 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.07 | 506 | T | 78 | 404 |
| 61.5R3 | NORTHAMPTON | 40.7344937 | -75.37731573 | East Branch Monocacy Creek | 111214_JC_1004_P_IM | Int. | RPW | HQ-CWF, MF | III | - | 25 | 0.025 | - | 0.025 | DPX | FX | CD | Mat Bridge or equivalent | 0.278 | 441 | T | 78 | 404 |
| 62.4R3 | NORTHAMPTON | 40.7303406 | -75.36459628 | UNT to East Monocacy Creek | 102715_WA_1002_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 3 | 0.004 | - | 0.004 | DPX | FX | CD | Mat Bridge or equivalent | 0.033 | 483 | T | 83 | 404 |
| 62.8R3 | NORTHAMPTON | 40.7261527 | -75.35688277 | UNT to East Branch Monocacy Creek | 051415_JC_1001_I_MI | Minor | RPW | HQ-CWF, MF | III | - | - | - | - | - | BX | BX | BX | Mat Bridge or equivalent | 0.026 | 448 | T | - | 404 |
| 63.5 | NORTHAMPTON | 40.7248711 | -75.34287827 | UNT to East Branch Monocacy Creek | 051415_JC_1002_P_IN | Int. | RPW | HQ-CWF, MF | III | - | 20 | 0.02 | - | 0.02 | DPX | FX | CD | Mat Bridge or equivalent | 0.221 | 429 | T | 78 | 404 |
| Kidder Compressor Station (Phase 1 - Delaware River Basin) | | | | | | | | | | | | | | | | | | | | | | | |
| 26.6 | CARBON | 41.081999 | -75.66775 | UNT to Black Creek | 082515_BT_1001_P_IM | Int. | RPW | HQ-CWF, MF | III | - | 12 | - | 0.035 | 0.035 | Compressor Statio | N/A | N/A | Permanent Culvert Installed | 0.506 | 1705 | P | 126 | 404 |
| Blue Mountain Interconnect 24-inch Lateral (Phase 1 - Delaware River Basin) | | | | | | | | | | | | | | | | | | | | | | | |
| 0.5R3 | CARBON | 40.8180678 | -75.50466333 | UNT to Aquashicola Creek | 041017_GM_1001_P_IN | Int. | RPW | HQ-CWF, MF | III | - | 5 | 0.002 | - | 0.002 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.124 | 408 | T | 3 | 404 |
| 0.5R3 | CARBON | 40.8180121 | -75.50475043 | UNT to Aquashicola Creek | 041017_GM_1001_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 5 | 0.003 | - | 0.003 | FX | DPX | DX-NF | Mat Bridge or equivalent | 0.009 | 111 | T | 0.19 | 404 |
| 0.51R3 | CARBON | 40.8179376 | -75.50483264 | UNT to Aquashicola Creek | 041117_GM_1002_E_MI | Minor | NRPW | HQ-CWF, MF | III | - | 5 | 0.002 | - | 0.002 | DPX | FX | DX-NF | Mat Bridge or equivalent | 0.01 | 112 | T | 50 | 404 |
| AR-031C (Phase 1 - Delaware River Basin) | | | | | | | | | | | | | | | | | | | | | | | |
| 16.1 | LUZERNE | 41.2178825 | -75.73338699 | UNT to Bear Creek | 112114_JC_1003_P_IM - 2 | Int. | RPW | HQ-CWF, MF | - | - | 32 | 0.022 | - | 0.022 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.527 | 595 | T | 28 | 404 |
| 16.7 | LUZERNE | 41.2127677 | -75.72532283 | Meadow Run | 112014_JC_1003_P_IM - 2 | Int. | RPW | HQ-CWF, MF | - | - | 13 | 0.009 | - | 0.009 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.303 | 440 | T | 32 | 404 |
| AR-033A (Phase 1 - Delaware River Basin) | | | | | | | | | | | | | | | | | | | | | | | |
| 22.5 | LUZERNE | 41.1389506 | -75.68956662 | UNT to Stony Run | 042017_MK_1002_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 6 | - | - | - | N/A | N/A | N/A | Mat Bridge or equivalent | 0.018 | 196 | T | - | 404 |
| 22.5 | LUZERNE | 41.1383063 | -75.68580585 | Stony Run | 042517_GM_1001_P_IN | Int. | RPW | HQ-CWF, MF | III | - | 21 | 0.015 | - | 0.015 | N/A | N/A | N/A | Mat Bridge or equivalent | 0.058 | 128 | T | 32 | 404 |
| AR-034 (Phase 1 - Delaware River Basin) | | | | | | | | | | | | | | | | | | | | | | | |
| 25.1 | CARBON | 41.099329 | -75.683215 | UNT to Black Creek | 012617_GM_1002_P_MI | Minor | RPW | HQ-CWF, MF | III | - | 8 | - | 0.012 | 0.012 | N/A | N/A | N/A | Culvert Replacement In Kind | 0.022 | 120 | P | 16 | 404 |

Notes:
1. All route deviations implemented after the FERC Certificate Application are denoted with an "R" and indicate a MP equation. MPs with an "R1" indicate route deviations implemented and provided to FERC prior to the issuance of the DEIS. MPs with an "R2" indicate route deviations implemented as part of the September 2016 Route Update. MPs with an "R3 indicate route deviations implemented post-FERC Certificate issuance. All MPs without an "R" indicate that the route has not changed since the Certificate Application.
2. Source: PennDOT Pennsylvania county boundaries, dated 7/2018. Available at www.pasda.psu.edu.
3. Latitude and Longitude are in Decimal Degrees (dd) North American Datum 1983 (nad83).
4. In instances where a waterbody is crossed by the proposed pipeline or workspace multiple times, crossing numbers (e.g. "-1", "-2") have been added to the Waterbody ID.
5. Wetland and Waterbody Construction and Mitigation Procedures (FERC, 2013). FERC classifies waterbodies as any natural or artificial stream, river, or drainage with perceptible flow at the time of crossing, and other permanent waterbodies such as ponds and lakes: "minor waterbody" (Minor) includes all waterbodies less than or equal to 10 feet wide at the water's edge at the time of crossing; "intermediate waterbody" (Int.) includes all waterbodies greater than 10 feet wide but less than or equal to 100 feet wide at the water's edge at the time of crossing; and "major waterbody" (Major) includes all waterbodies greater than 100 feet wide at the water's edge at the time of crossing. Classification may change based on conditions at time of construction.
6. Key: TNW = Traditional Navigable Waters, including territorial seas. TNW also refers to Section 10 waters per Army Corps of Engineers data; all other waterbodies fall under Section 404 guidelines. RPW = Relatively Permanent Waters (RPWs) that flow directly or indirectly into TNWs. NRPW = Non-RPWs that flow directly or indirectly into TNWs.
7. Sources: PADEP Streams Chapter 93 Existing Use, dated 7/2017 and PADEP Streams Chapter 93 Designated Use, dated 2/2017. If a stream has an existing use, the designated use has been replaced with that value. Available at www.pasda.psu.edu.
8. Sources: PFBC Stream Sections that Support Wild Trout Production, dated 8/2018 and PFBC Class A Wild Trout Streams, dated 8/2018. Available at www.pasda.psu.edu. I = Approved Trout Water, II = Wilderness Trout Stream, III = Naturally Reproducing Trout Stream.
9. Sources: PASDA Stocked Trout Waters (Flowing Waters), dated 2/2018 and PASDA Trout Stocked Streams, dated 2018. Available at www.pasda.psu.edu.
10. Crossing lengths were measured along the pipeline centerline, as applicable. In instances where the pipeline will not cross a waterbody, the crossing length was measured parallel to the pipeline or along the access road centerline.
11. Temporary impact acres are measured within the 50-foot wide permanent easement, temporary workspace, and additional temporary workspace. Impacts have been rounded to 3 decimal places. Any impacts less than 0.0005 acre are rounded to 0.01. Where no temporary impacts are proposed (i.e. permanent culverts or HDD), a "-" denotes no impacts to the waterbody.
12. Permanent impacts acres were calculated for one in-kind culvert replacement and one new culvert. Impacts have been rounded to 3 decimal places. Where no permanent impacts are proposed, a "-" denotes no impacts to the waterbody.
13. If the primary pipeline crossing method is impractical at the time of construction due to site conditions, a secondary or tertiary crossing method may be used. Crossing Type Key for Waterbody Channels:
• BX = Conventional Bore Crossing
• CD = Cofferdam Crossing
• DPX = Dam-and-Pump Crossing
• DX-NF = Dry Crossing If No Flow
• FX = Flume Crossing
• HDD = HDD Crossing
14. N/A = Not ApplicableCenterline impact length is measured along the stream centerline for the stream reach that lies within the construction workspace.