

**Appendix B**  
**Wetlands**

APPENDIX B

# Wetlands

Because USACE jurisdictional determinations are yet to be made for the study area, all areas identified in the following table are potential USACE jurisdictional wetlands or potential Waters of the United States.

USACE Non-Jurisdictional Wetlands (unshaded rows), USACE Jurisdictional Wetlands (shaded gray rows) and Waters of the United States, and NDEP-Sensitive Waters in the White Pine Energy Station Project Area

| Project Components/<br>Wetlands <sup>1</sup> | USACE Non-<br>jurisdictional Wetlands<br>(acres) | USACE Jurisdictional<br>Wetlands<br>(acres) | Total<br>(acres) |
|--|--|---|------------------|
| <b>Proposed Action</b>                       |  |   |                  |
| Preferred Rail Spur ROW                      |  |   |                  |
| RSP1_AM_1a, 1b_jw                            |  | 40.5  | 40.5             |
| RSP1_RM_1_njw                                | 20.4   |   | 20.4             |
| RSP1_WM_1a_jw                                |  | 0.23  | 0.23             |
| <b>RSP Total</b>                             | <b>20.4</b>                                      | <b>40.8</b>                                 | <b>61.1</b>      |
| Preferred SWIP ROW                           |  |   |                  |
| SP1_AM_1a, 1b, 1c_jw                         |  | 58.6  | 58.6             |
| SP1_RM_1a, 1b_njw                            | 13.9   |   | 13.9             |
| SP1_WM_1a, 1b_jw                             |  | 27.11                                       | 27.11            |
| <b>SP Total</b>                              | <b>13.9</b>                                      | <b>85.7</b>                                 | <b>99.6</b>      |
| Preferred Water Pipeline                     |  |   |                  |
| WPP1_RM_1_njw                                | 2.5  |   | 2.5              |
| <b>Proposed Action Total</b>                 | <b>36.8</b>                                      | <b>126.5</b>                                | <b>163.3</b>     |
| <b>Alternative 1</b>                         |  |   |                  |
| Alternative 1 Rail Spur ROW                  |  |   |                  |
| RSA1_WM_1_jw                                 |  | 4.8   | 4.8              |
| RSA2_WM_1_jw                                 |  | 0.62  | 0.6              |
| RSA3_RM_1_njw                                | 0.06   |   | 0.1              |
| RSA4_RM_1_njw                                | 0.21   |   | 0.2              |
| RSA5_RM_1_njw                                | 0.15   |   | 0.1              |
| RSA6_AM_1a,1b_jw                             |  | 0.61  | 0.67             |
| RSA6_RM_1a,1b,1c,1d_njw                      | 1.4  |   | 46.80            |
| RSA6_WM_1a,1b_jw                             |  | 1.7   | 5.32             |
| <b>RSA6 total</b>                            | <b>46.8</b>                                      | <b>6.0</b>                                  | <b>52.8</b>      |
| <b>RSA Total</b>                             | <b>47.2</b>                                      | <b>11.4</b>                                 | <b>58.6</b>      |
| Alternative 1 SWIP ROW                       |  |   |                  |
| SA1_AM_1a,1b,1c,1d_jw                        |  | 48.84                                       | 48.84            |
| SA1_AM_1e,1f,1g_njw                          | 7.21   |   | 7.21             |
| SA1_RM_1a,1b,1c,1d_njw                       | 56.78  |   | 56.78            |
| SA1_WM_1a,1b_jw                              |  | 30.13                                       | 30.13            |
| <b>SA Total</b>                              | <b>64.0</b>                                      | <b>79.0</b>                                 | <b>143.0</b>     |
| Alternative 1 Water Pipeline                 |  |   |                  |

USACE Non-Jurisdictional Wetlands (unshaded rows), USACE Jurisdictional Wetlands (shaded gray rows) and Waters of the United States, and NDEP-Sensitive Waters in the White Pine Energy Station Project Area

| Project Components/<br>Wetlands <sup>1</sup> | USACE Non-<br>jurisdictional Wetlands<br>(acres) | USACE Jurisdictional<br>Wetlands<br>(acres) | Total<br>(acres) |
|--|--|---|------------------|
| WPA1_AM_1a,1b_njw                            | 0.29   |   | 0.29             |
| WPA1_RM_1a,1b_njw                            | 7.17   |   | 7.17             |
| <b>WPA1 total</b>                            | <b>7.5</b>                                       |   | <b>7.5</b>       |
| WPA2_AM_1a,1b_njw                            | 0.51   |   | 0.51             |
| WPA2_RM_1_njw_                               | 3.8  |   | 3.8              |
| <b>WPA2 total</b>                            | <b>4.3</b>                                       |   | <b>4.3</b>       |
| WPA3_AM_1a_njw                               | 1.3  |   | 1.3              |
| WPA3_AM_1b,1c_jw                             |  | 19.6  | 19.6             |
| WPA3_RM_1a,1b,1d,1e_njw                      | 6.81   |   | 6.81             |
| WPA3_RM_1c_jw                                |  | 2.0   | 2.0              |
| WPA3_WM_1a_jw                                |  | 1.5   | 1.5              |
| <b>WPA3 total</b>                            | <b>8.1</b>                                       | <b>23.1</b>                                 | <b>31.2</b>      |
| WPA4_RM_1_njw                                | 6.6  |   | 6.6              |
| WPA5_WM_1_njw                                | 0.02   |   | 0.0              |
| WPA6_RM_1_njw                                | 0.04   |   | 0.0              |
| WPA7_RM_1_njw                                | 0.37   |   | 0.4              |
| WPA8_RM_1a,1b_njw                            | 3.1  |   | 3.1              |
| WPA9_AM_1_jw                                 |  | 0.26  |                  |
| WPA9_RM_1_njw                                | 4.1  |   |                  |
| <b>WPA9 total</b>                            | <b>4.1</b>                                       | <b>0.3</b>                                  | <b>4.4</b>       |
| <b>WPA Total</b>                             | <b>34.2</b>                                      | <b>23.4</b>                                 | <b>57.5</b>      |
| <b>Alternate 1 Total</b>                     | <b>145.4</b>                                     | <b>113.8</b>                                | <b>259.1</b>     |
| <b>Wetland Totals</b>                        | <b>182.1</b>                                     | <b>240.3</b>                                | <b>422.4</b>     |

| <b>USACE Drainages</b>                           |                                       |                |                            |
|--|---------------------------------------|----------------|----------------------------|
| <b>Other Waters of the U.S.</b>                  | <b>Ephemeral/Swale-like Drainages</b> | <b>Acreage</b> | <b>Number</b>              |
| <b>Duck Creek Segments<sup>2</sup></b>           |                                       |                |                            |
| rsp26-jd – intermittent                          |                                       | 2.014          | 1                          |
| sp58-jd – intermittent                           |                                       | 7.166          | 1                          |
| sa12-jd – intermittent                           |                                       | 8.844          | 1                          |
| sa11-jd – intermittent                           |                                       | 0.926          | 1                          |
| <b>Schell Creek Segments</b>                     |                                       |                |                            |
| wpp90-jd – perennial                             |                                       | 0.206          | 1                          |
| wpp89-jd – intermittent                          |                                       | 0.116          | 1                          |
| <b>Total</b>                                     |                                       | <b>19.273</b>  | <b>6</b>                   |
| <b>NDEP Sensitive Surface Waters<sup>3</sup></b> |                                       |                |                            |
| <b>NDEP Drainage<sup>4</sup></b>                 |                                       |                | <b>Numbers<sup>5</sup></b> |
|  | 60                                    |                | 66                         |

<sup>1</sup>. rsa = rail spur alternative 1, rsp = rail spur preferred alternative, wpa = water pipeline alternative 1. wpp = water pipeline preferred alternative, SA = SWIP transmission line alternative 1, SP = SWIP transmission line preferred alternative. WM = wet meadow, AM = alkali meadow, RM = rabbitbrush meadow, jw = jurisdictional wetland, njw = non-jurisdictional wetland. 1a, 1b, 1c - individual wetland polygons.

<sup>2</sup>. Includes 3 mainstem sections of Duck Creek and one side channel.

<sup>3</sup>. USACE jurisdictional wetlands are also NDEP jurisdictional sensitive habitats = 240.3 acres.

<sup>4</sup>. Drainages with potential for water quality impairment from construction-related ground disturbances.

<sup>5</sup>. Acreages were not calculated for the 60 ephemeral and swale-like drainages since several do not contain an ordinary high water mark (OHWM) normally used to calculate acreages (for USACE jurisdiction).