

Table 4-5: Compensatory Wetland Mitigation Category and Associated Ratios

Wetland Type	Functional Value	Temporary Impact (ac)	Permanent Conversion (ac)	Permanent Fill (ac)	Proposed L5R Mitigation Ratio	Credits Needed
Palustrine Emergent (PEM)						
Fresh (Wet) Meadow	Low/Medium	<u>22.34</u>			0.03	<u>0.67</u>
Fresh (Wet) Meadow	Low/Medium			0.02	1.2	0.02
Fresh (Wet) Meadow	High	<u>2.39</u>			0.06	<u>0.14</u>
Seasonally Flooded Basin	Low/Medium	<u>0.23</u>			0.03	0.01
Sedge Meadow	Low/Medium	<u>2.31</u>			0.03	<u>0.07</u>
Sedge Meadow	High	<u>0.51</u>			0.06	<u>0.03</u>
Shallow Marsh	Low/Medium	<u>0.11</u>			0.03	0.01
Shallow Marsh	High	<u>0.25</u>			0.06	0.02
<i>Subtotal PEM</i>		<u>28.14</u>	<i>0.0</i>	<i>0.02</i>		<u>0.97</u>
Palustrine Scrub-Shrub (PSS)						
Alder Thicket	Low/Medium	<u>1.79</u>			0.06	<u>0.11</u>
Alder Thicket	Low/Medium		<u>0.60</u>		0.5	<u>0.30</u>
Alder Thicket	High	<u>0.30</u>			0.25	<u>0.08</u>
Alder Thicket	High		<u>0.31</u>		0.60	<u>0.19</u>
Shrub-Carr	Low/Medium	<u>4.11</u>			0.06	<u>0.25</u>
Shrub-Carr	Low/Medium		<u>2.77</u>		<u>0.5</u>	<u>1.39</u>
Shrub-Carr	High	<u>0.05</u>			<u>0.25</u>	<u>0.01</u>
Shrub-Carr	High		<u>0.07</u>		<u>0.6</u>	<u>0.04</u>
Open Bog	High		<u>0.06</u>		0.25	0.02
Open Bog	Low/Medium	<u>0.06</u>			<u>0.06</u>	<u>0.01</u>
Open Bog	Low/Medium		<u>0.05</u>		<u>0.5</u>	<u>0.03</u>
<i>Subtotal PSS</i>		<u>6.31</u>	<u>3.86</u>	<i>0.0</i>		<u>2.43</u>
Palustrine Forested (PFO)						
Coniferous Bog	High		0.40		0.70	0.28
Coniferous Swamp	Low/Medium	0.33			0.25	0.08
Coniferous Swamp	Low/Medium		0.41		<u>0.60</u>	0.25
Floodplain Forest	Low/Medium	<u>0.40</u>			0.25	<u>0.10</u>
Floodplain Forest	Low/Medium		<u>0.42</u>		<u>0.60</u>	<u>0.25</u>
Floodplain Forest	High	<u>0.09</u>			<u>0.50</u>	<u>0.05</u>
Floodplain Forest	High		<u>1.80</u>		<u>0.70</u>	<u>1.26</u>
Hardwood Swamp	Low/Medium	<u>22.46</u>			0.25	<u>5.62</u>
Hardwood Swamp	Low/Medium		<u>16.70</u>		<u>0.60</u>	<u>10.02</u>
Hardwood Swamp	High	<u>9.42</u>			0.50	<u>4.71</u>
Hardwood Swamp	High		<u>10.30</u>		0.70	<u>7.21</u>
Hardwood Swamp – Vernal Pool	Low/Medium	<u>0.06</u>			<u>0.25</u>	<u>0.02</u>
Hardwood Swamp – Vernal Pool	Low/Medium		<u>0.03</u>		<u>0.60</u>	<u>0.02</u>
<i>Subtotal PFO</i>		<u>32.76</u>	<u>30.06</u>	<i>0.0</i>		<u>29.87</u>