

**APPENDIX G**

Wetland Mitigation Utilizing USACE-Approved Wetland Bank Credits from BSA #1  
Poly Met Mining, Inc.

NorthMet Project Proposed Direct Wetland Impacts in Acres <sup>(1,2)</sup>								
	Non-forested, Non-bog, and Low or Medium Quality (Base Ratio 1.5:1) <sup>(3)</sup>	Non-forested, Non-bog, High Quality Wetlands (Base Ratio 1.75:1) <sup>(4)</sup>	Bogs and Forested, and Low or Medium Quality Wetlands (Base Ratio 1.75:1) <sup>(5)</sup>	Bogs, Forested, and High Quality (Base Ratio 2:1) <sup>(6)</sup>	Total Impacts	Total Credits Required for Mitigation at Base Ratio <sup>(3-6)</sup>	Total Credits Required After Applying Incentives <sup>(7)</sup>	Applied Mitigation Ratio
Type 2 Fresh (Wet) Meadow	1.37	14.43	0.0	0.0	<b>15.80</b>	27.31	19.41	1.23:1
Type 2 Sedge Meadow	6.87	17.06	0.0	0.0	<b>23.93</b>	40.16	28.20	1.18:1
Type 3 Shallow Marsh	46.55	23.90	0.0	0.0	<b>70.45</b>	111.65	76.43	1.08:1
Type 4 Deep Marsh	75.58	0.09	0.0	0.0	<b>75.67</b>	113.53	75.69	1:1
Type 6 Shrub-Carr	1.40	2.63	0.0	0.0	<b>4.03</b>	6.70	4.69	1.16:1
Type 6 Alder Thicket	7.50	105.14	0.0	0.0	<b>112.64</b>	195.25	138.93	1.23:1
Type 7 Hardwood Swamp	0.0	0.0	0.69	13.37	<b>14.06</b>	27.95	20.92	1.49:1
Type 7 Coniferous Swamp	0	0	13.03	73.13	<b>86.16</b>	169.06	125.98	1.46:1
Type 8 Open Bog	0	0	0	7.64	<b>7.64</b>	15.28	11.46	1.5:1
Type 8 Coniferous Bog	0	0	0	517.78	<b>517.78</b>	1035.56	776.67	1.5:1
<b>Total</b>	<b>139.27</b>	<b>163.25</b>	<b>13.72</b>	<b>611.92</b>	<b>928.16</b>	<b>1,742.44</b>	<b>1,278.36</b>	<b>1.38:1</b>

(1) Totals may not add exactly due to rounding.

(2) The total includes fragmentation of wetlands (26.9 acres).

(3) Base ratio 1.5:1 for wetlands that are not considered high quality or difficult-to-replace.

(4) Base ratio 1.75:1 for wetlands that are high quality.

(5) Base ratio 1.75:1 for wetlands that are difficult-to-replace, which includes forested swamp and bog communities.

(6) Base ratio 2:1 for wetlands that are high quality AND difficult-to-replace, which includes forested wetland and bog communities.

(7) Per USACE St. Paul District Policy, includes 0.25 reduction for "in-place" (within the project BSA) and 0.25 reduction for "in-advance" (Corps-approved mitigation bank credits) from the base ratio.