Figure 4.2-1
Delineated Wetlands - Mine Site
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009
Figure 4.2-2
Predicted Tailings Basin Area Wetland Impacts
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009

Map Source: Barr Engineering

Impacted Wetland
Evaluation Area
Wetland
Figure 4.2-3
Predicted Railroad Connection Wetland Impacts
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009

Map Data Source: Barr Engineering

- Railroad Centerline
- Railroad Footprint
- Dunka Road
- Non-Impacted Wetland
- Impacted Wetland
Figure 4.2-5
20 Year Wetland Impacts - Mine Site
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009

Mine Site
Equilization Ponds
Wastewater Treatment Facility
Stockpile Sumps
Disturbed Area
Undisturbed Area
Stormwater Ditches
Process Water Ditches
Culverts
Pit Rim and Stockpile Prep Dikes
Perimeter Dike
Mine to Plant Pipeline
Dunka Road

Wetland Impacts
- Direct
- Indirect
- None

Sedimentation Ponds
- Direct Wetland Impact
- No Impact

Map/Data Source: Barr Engineering

Figure 4.2-5
20 Year Wetland Impacts - Mine Site
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009
Buttress Area
Evaluation Area North of Tailings Basin
Historic Wetland Impacts
Wetlands North of Tailings Basin

Estimated Impacts (approximate):
Potential Indirectly Impacted Wetlands within the Evaluation Area: 546.2 acres
Historic Wetland Impacts: 197 acres
Potential Indirect Cell 2E Wetland Impacts: 349.2 acres

Figure 4.2-8
Potential Indirect Wetland Impacts at Tailings Basin (All Actions)
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009
Figure 4.2-9
Wetland Mitigation Study Area and Bank Service Areas
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009

Map Source: Barr Engineering
Figure 4.2-10
Potential Wetland Mitigation Areas
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009
Figure 4.2-11
Wetland Mitigation Study Area And Watersheds
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009
Figure 4.2-12
Aitkin Wetland Mitigation Site
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009
Figure 4.2-14
Partridge River GAP Analysis Coverage of
Mine Site
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009