Figure 4.6-1
Wind Frequency Distribution Plot for Hibbing, Minnesota (2001 - 2005)
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009
PM10 24 hour NAAQS = 150 ug/m³

Background Concentration of 33 ug/m³ Included

Figure 4.6-3
Plot of PM10 NAAQS 24 hour Highest Sixth High Concentrations at Plant Site (Proposed Action)
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009

24 Hour H6H Results (ug/m³)
- 34 - 45
- 46 - 65
- 66 - 85
- 86 - 100
- 101 - 119

PM10 24 hour NAAQS = 150 ug/m³
Background Concentration of 33 ug/m³ Included
Figure 4.6-4
Plot of PM2.5 NAAQS 24 hour Highest Eighth High Concentrations at Plant Site (Proposed Action)
NorthMet Project
PolyMet Mining, Inc.
St. Louis County, Minnesota
October 2009

24 Hour H8H Results (ug/m³)

- 18 - 20
- 21 - 23
- 24 - 26
- 27 - 30
- 31 - 34

PM2.5 24 hour NAAQS = 35 ug/m³
Background Concentration of 17 ug/m³ Included

Point Sources
LTV Coarse Tailings
PolyMet Bulk Tailings
Volume Sources