



Legend

Wetland Impacts

- Direct Impact Potentially Causing Indirect Impact Due to Surface Water Changes
- Possible Indirect Hydrologic Impact
- Direct Impact from Alternative Tailings Basin
- Possible Indirect Hydrologic Impact from Alternative Tailings Basin
- No Impact Due to Surface Water Changes
- Wetlands Outside of Assessment Area

Subwatersheds

Subwatersheds Assessed for Indirect Impacts

- Subwatersheds within the Snowball Lake Watershed
- Subwatersheds within the Swan River Watershed
- Subwatersheds within the Little McCarthy Lake Watershed
- Subwatersheds within the Sucker Brook Watershed
- Subwatersheds within the Swan Lake Watershed
- Subwatersheds within the Little Sucker Lake Watershed
- Subwatershed Division for Indirect Impacts Assessment
- Other Watersheds

Legend

- Monitoring Well Locations
- Proposed Project Boundary
- Proposed Project Impact Area
- Alternative Tailings Basin
- Ambient Air Quality Boundary
- Mine Pits
- Municipal Boundaries
- Proposed Rail Alignment
- Proposed Road Option 1
- Proposed Road Option 2
- Streams



Source: USGS, SEH, Barr, LMIC, MNDNR, and Mn/DOT. 2003 Aerial Photograph



3,000 0 3,000 Feet

800 0 800 Meters

Figure 4.1.9

Indirect Wetland Hydrologic Impacts Assessment
Minnesota Steel Industries
Nashwauk, Minnesota