

# LVP Meeting L

Partnership Priorities  
Coordinators Report



*Laurentian Vision Partnership*  
Transforming pits and piles into lakes and landscapes

Laurentian Vision Partnership

Strategic Action Plan for 2011 and Beyond

# Plan Process

- Held a strategic planning session last spring
- Asked for input from LVP throughout process
- Asked for final input at October meeting
- Intent of Plan: Action oriented, Flexible, and make changes as needed
- Plan is on website

# Plan Specifics

- Retained Vision and Mission
- *Facilitate Partner Engagement and Shared Visioning*
- *Deliver Tools and Resources*
- *Target Priority Projects*

# *Deliver* **Tools and Resources**

## **Outcome:**

- LVP design principles are incorporated by mine engineers and MNDNR as standard operating procedures.

## **Action Step:**

- Produce standardized design applications for mining end-use land formations in collaboration with mine engineers and MNDNR.
- Develop and teach Mine Engineers Course II.

# United Taconite Stockpile 1406 – Innovation Grant

Project is completed

Undulate ridgeline to create topographic variation

Soften or break manufactured terraces

Vary planting pattern(s)

Spring 2011 review showed a 95% survival rate of planted trees



# Northshore Mining Peter Mitchell Pit – U of M Innovation Grant

- Master plan to make use of the mine as a public recreation area after mine closure.
- Will include concepts for land use between the mine and the community of Babbitt

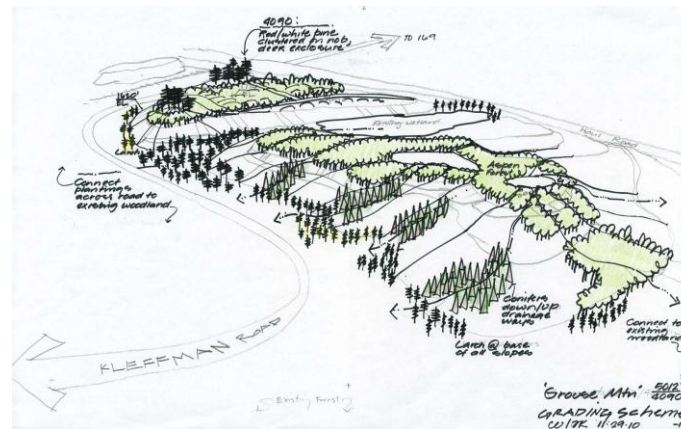


# Northshore Mining Peter Mitchell Pit – U of M Innovation Grant

- U of M has had 2 site visits with mine engineers and city of Babbitt staff
- Resource maps, hydraulic volumes and elevations, and additional background materials are being developed

# Hibbing Taconite Stockpiles 4090 and 1512 Innovation Grant – U of M

- Two grading and planting concepts designed
- Soften engineered ridges/sharp angles
- Break flat horizon lines
- Provide visual focus
- Provide grouse habitat



# Hibbing Taconite Stockpiles 4090 and 1512 Innovation Grant – U of M

- Material in place for 4090
- Additional material to be added to 5012
- Final shaping (Hibbing Taconite is incorporating grading into 2012 mine plan)
- Planting

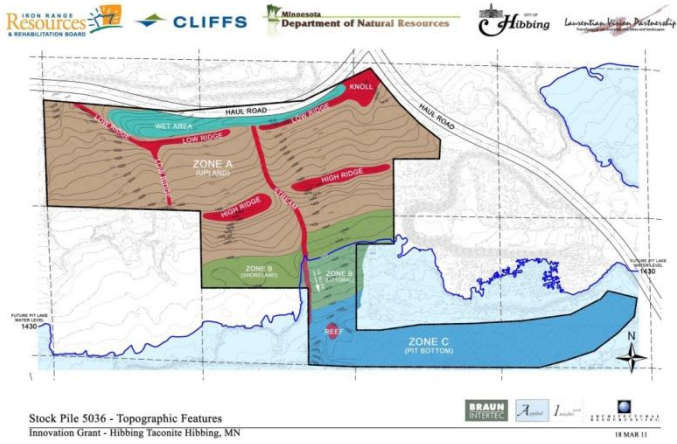


FIGURE 5

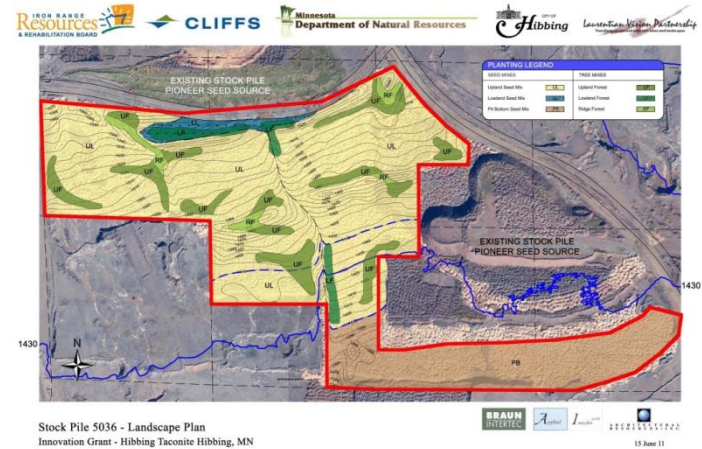


FIGURE 6

# Hibbing Taconite In Pit Shoreland Project

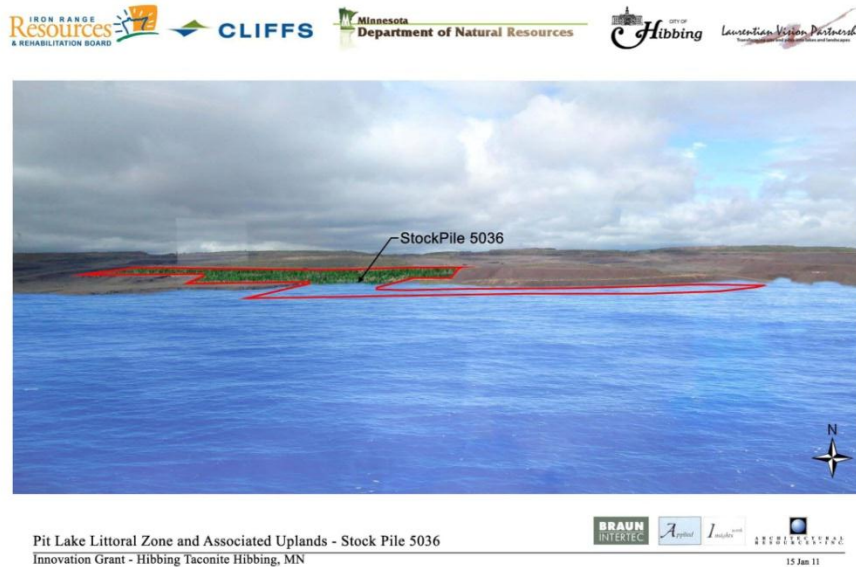


FIGURE 7

# Hibbing Mountain Bike Park - Innovation Grant



Graphic courtesy of MNDNR Lands and Minerals Division

# FY 12 Innovation Grants

- Looking for good projects that meet LVP Mission and Vision
- Have \$250K available through July 1, 2012

# Laurentian Vision Partnership Land Design Course



# Laurentian Vision Partnership Land Design Course

- March 2009
- Department of Landscape Architecture, University of Minnesota
- 38 senior and junior mine engineers from local mine companies participated
- The course was funded through a \$96,900 Iron Ore Cooperative Research Program grant, and a small IRRRB Innovation Grant

# Is there interest in a second course?

- Repeat Course I (101)?
- Create new more advanced course (201)?
- CE credits?
- Timing?
- Funding?