Swedetown

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Previous Work

• Previous FERM students located most of the section corners as well as quarter corners.
• Data was obtained using land surveys that can be found at the court house or online at the Office of Land Survey & Remonumentation.
Computer Work

- Used ArcGIS 9 and ArcView 3 to locate coordinate points of missing quarter-quarter corners.
Spring 2007 Map
Field Work

- Located quarter-quarter corners using the Trimble GPS. (16 total)
- Ran lines and then corrected the lines.
- Painted boundary lines (1 1/4 miles) with blue paint.
Swedetown Trails

- The Copper Island Cross Country Ski Club is a non-profit organization.
- Annual cost is approximately $30,000 which is covered by membership and pass fees.
- Over 18 miles of trail.
Estimated tabulations of the annual use of the Swedetown trails

- Season Ski Passes – 1,000
- Daily Ski Passes – 1,000
- Sledders – 1,000
- Snowshoers – 150
- Bear Chase – 500
- Summer Use (Biking, Hiking, etc) – 500
- Deer Chase - 100
Ecosystem Services

• Land owner’s goals were to manage for timber, recreation, aesthetics and wildlife.

• Carbon Credits: $1,500 ac * ~$4.00/ac = $6,000.00

• Season and daily passes bring in roughly $44,000 annually.
Proposed Management

- Based on Capstone project of the area.
- White Pine Stand: Single entry thinning w/ buckthorn weeding.
- Red Pine Stand: 50 year cutting cycle w/row thinning.
- Northern Hardwoods: Create uneven-aged stand. Single tree selection to promote tolerant hardwood in understory.
- Lowland Conifer: Natural succession for wildlife.
- Total value of 160 acres proposed by capstone management plan = $238,904.48.
References

- Background Image: http://www.pasty.com/cam/1999/0815.jpg
- Swedetown Ski Trail Map: http://www.mmba.org/library/maps/Swedetown05.jpg
- Ed Kraai, President of the Copper Island Cross Country Ski Club.
- Fall 2006 Swedetown Capstone Project.