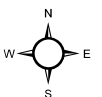
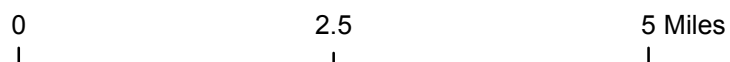
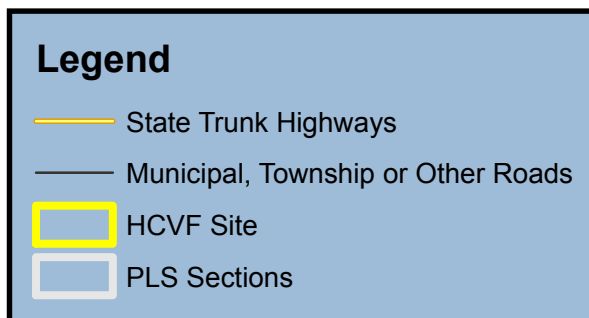
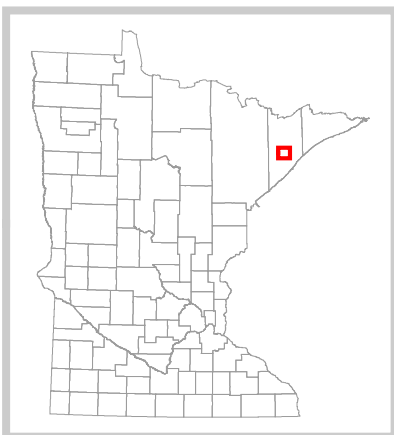
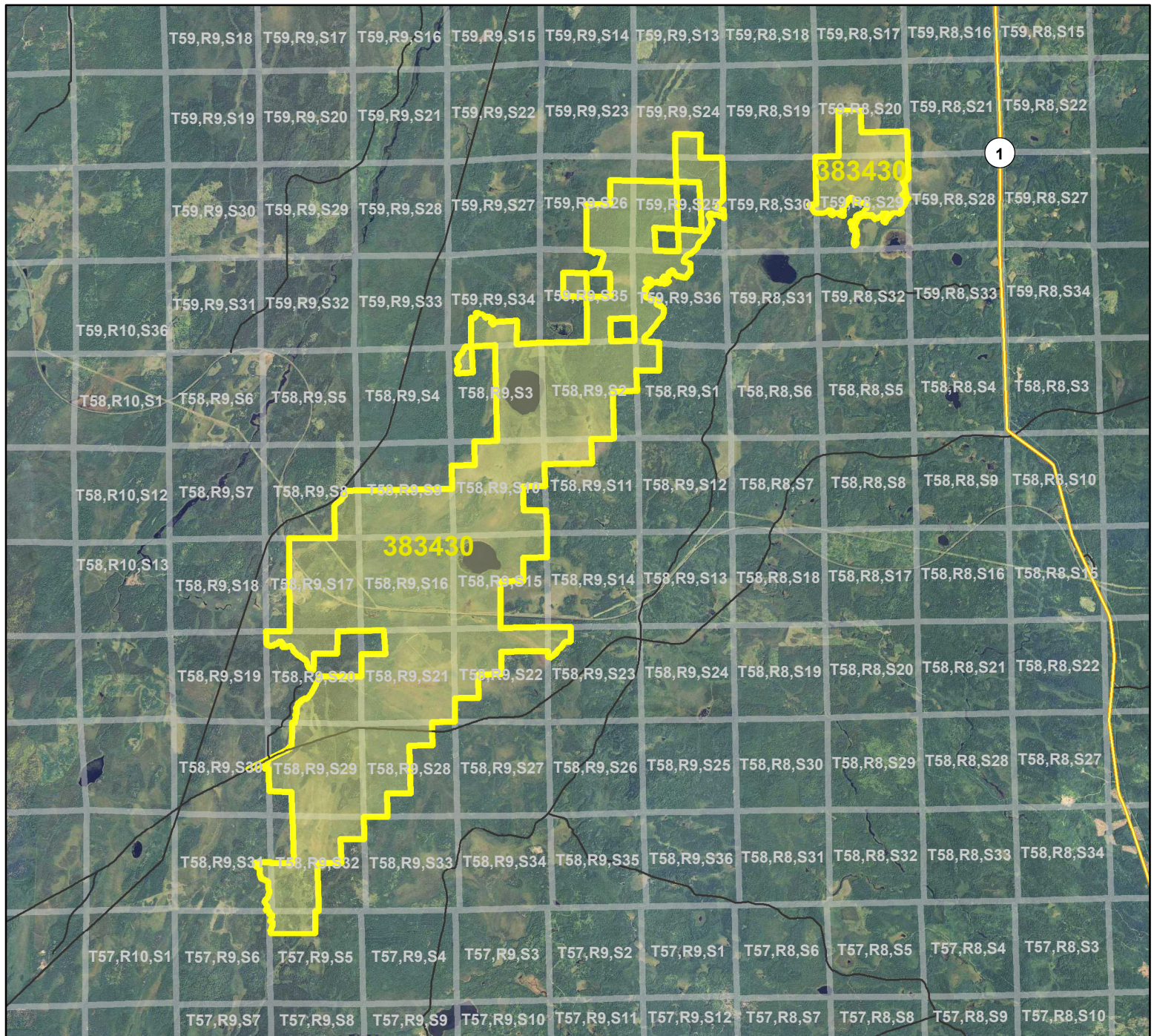
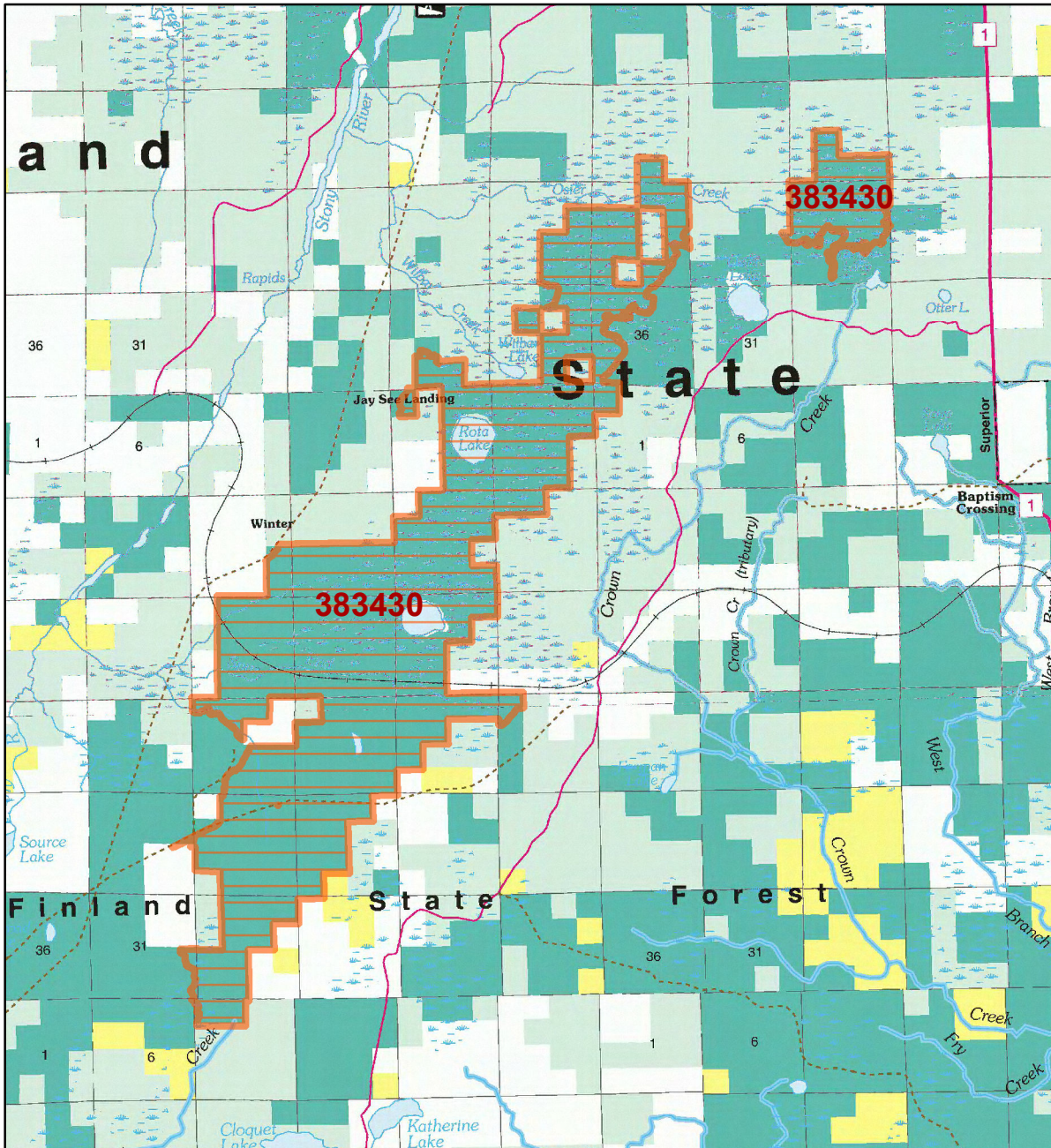


HCVF Site 383430

Spur End Fen - Osier Creek Lowland Conifers, Lake County



Spur End Fen - Osier Creek Lowland Conifers, Lake County















LEGEND

 HCVF Site

MAP EXPLANATION

LAND OWNERSHIP

- | | |
|---|--|
|  | County Land |
|  | Recreation Area under 40 acres |
|  | State Forest Land |
|  | State Park and Recreation Land |
|  | State Wildlife Management Area Land |
|  | W.M.A.'s under 40 acres |
|  | State Scientific & Natural Area Land |
|  | S.N.A.'s under 40 acres |
|  | National Waterfowl Production Area |
|  | N.W.P.A.'s under 40 acres |
|  | National Forest, Park, Wildlife Refuge & Recreation Land |
|  | Bureau of Indian Affairs Land |


BOUNDARIES

- County Unit Boundary
- State Unit Boundary
- National Unit Boundary




















TRAILS AND FOREST ROADS

- State Trail
--- State Forest Road

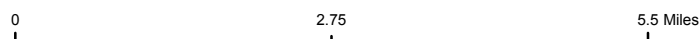
DESIGNATED WATERWAYS

- State Trout Stream
 State Canoe and Boating Route
 State Wild, Scenic & Recreational River
 (also designated Canoe & Boating Route)
 National Wild, Scenic & Recreational River
 (also designated Canoe & Boating Route)

FACILITIES

-  D.N.R. Office
-  Travel Information Center
-  Rest Area (with facilities)
-  Rest Area (limited facilities)
-  Campground
-  Watercraft Camping
-  Equestrian Camping
-  Water Access
-  Carry-in Access
-  Dam (on designated canoe route)
-  Fishing Pier
-  Overlook
-  Parking
-  Historic Site
-  Geologic Feature
-  Fish Hatchery
-  Forestry Nursery
-  National Great River Road
-  State Great River Road

NOTE: Some of the features defined in this map explanation may not occur on the map.



The PRIM series was developed using funds provided through the Legislative Commission on Minnesota Resources (LCMR).

Base information was compiled from 1:100,000 series U.S. Geologic Survey planimetric maps.

Facility and ownership information was compiled from the following sources: Minnesota Department of Natural Resources, Minnesota Department of Transportation, State Planning Agency, Minnesota Historical Society and the respective counties.



Land ownership categories on this map are in some cases outdated. HCVF sites are on DNR-managed land only; DNR HCVF sites have not been identified on other ownerships.

HCVF Informational Report

Report Run: September 3, 2013

General Information

HCVF #: 383430

HCVF Name: Spur End Fen - Osier Creek Lowland Conifers

Acres of HCVF site: 7841.24

County: Lake

Data edited by: NE HCVF Workgroup

Role: NE HCVF Workgroup

Date edited on: 2013-07-26

Corresponding Land Administrator(s): DNR Forestry

Management Unit Name(s) (if applicable): Finland State Forest

HCVF Summary

Large landscape peatland complex with large blocks of State HCVF lands. High-quality examples of native plant communities of the FPn, APn and OPn systems. Lowland forests typically black spruce or white cedar. Both poor fens and bogs occur. Several large patches of rare watertrack peatlands with many rare species, including 66 acres of OPn91b2 on state land. Open peatlands generally w/o distinctive repeated patterns of flarks and strings. Small upland islands with MHn45b (S2) with about 380 acres on state HCVF land, some having large old yellow birch and about 15 acres of designated OG. Although old winter trails are evident and a RR ROW crosses the site, peatland communities show little overall disturbance. Highest number of rare species of any H or O site in ECS Section.

HCVs known to be present that factored into HCVF designation.

FSC expects DNR to maintain HCVs within designated HCVFs. Because HCVF boundaries are not the same as the larger, multi-ownership MBS Sites, this list will differ from the values identified during the MBS Survey.

HCV1b (S1 or S2 species: 1 sedge. HCV1e (Rare species concentration): peatland plants. HCV1g (Outstanding Key Habitats Examples): Forest Lowland Coniferous, Forest Upland. HCV2-LMFa (Large habitat block): forested peatland with upland. HCV2-LMFbi (late-successional forest block): potential exists. HCV2-LMFbii (blocks with rare species): yes. HCV3a (G1 or G2 plant community): MHn45b. HCV3b (S1 or S2 plant community): MHn45b and OPn91b2. HCV3c (Special S3 plant community): OPn91b2. HCV3e (Old-growth forest): 15 acres white spruce.

Management Considerations

Overall management objectives for the entire HCVF:

Maintain/enhance rare plant populations. Silvicultural prescriptions in Key Habitat and rare native plant communities maintains or enhances the floristic, structural, and spatial components that define the native plant community; see SRM Objective code CON1. For MHn45b occurrences follow direction per DNR G1 & G2 Imperiled Communities Memo, June 30, 2010. Maintain/enhance >500 acre blocks of later successional forest with old-growth features or rare species. Apply DNR HCV General Landscape Guidance.

Management direction from the following sources was considered in developing the above recommendations:

NTL SFRMP; MFRC NE Landscape Plan;

Are the HCVs within this HCVF likely to benefit from coordination with adjacent landowner(s)?

Yes

This HCVF was flagged by the Regional HCVF Team as warranting cross-ownership coordination efforts. The specific HCVs likely to benefit from such coordination with adjacent landowners are identified below.

USFS; Lake County.

General Comments

Silvicultural prescriptions recognize FTP_CX occurrences.

Reference to rare plants and animals, Minnesota Biological Survey Sites of Biological Significance and mapped native plant communities are records maintained in the Minnesota DNR's Natural Heritage Information System (NHIS). A date of information is associated with each record. The NHIS is continually updated as new information becomes available. The lack of data listed for any geographic area should not be construed to mean that no significant features are present.

... Report End ...