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CRANDON PROJECT

WETLANDS ASSESSMENT INVENTORY I



Prepared for

EXXON MINERALS COMPANY
Rhinelander, Wisconsin

by

NORMANDEAU ASSOCIATES, INC.
Bedford, New Hampshire

and

INTERDISCIPLINARY ENVIRONMENTAL PLANNING, INC.
Wayland, Massachusetts

TD
194.66
.W62
C7244
1982
v. 2

August 1982

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER A1
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
0.62	100	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
0.62	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Alnus rugosa (Speckled Alder)		✓	
Abies balsamea (Balsam Fir)	✓		
Carex sp. (Sedge)		✓	

inventory

number: A1

date 5/14/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- [x] Stream or Brookside wetland
- [ ] Open Fresh Water
- [ ] Unconsolidated Substrate
- [ ] Non-Persistent Emergent
- [ ] Deep Fresh Marsh
- [ ] Broad-leaved
- [ ] Narrow-leaved
- [ ] Persistent
- [ ] Narrow-leaved
- [ ] Broad-leaved
- [ ] Floating-leaved
- [ ] Shallow Fresh Marsh
- [ ] Emergent
- [ ] Shrubs and Trees
- [ ] Deciduous
- [ ] Evergreen
- [ ] Wooded Swamp
- [ ] Deciduous
- [ ] Evergreen
- [ ] Bog
- [ ] Shrub
- [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [ ] Stream or Brookside wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [x] Shallow Fresh Marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [ ] Wooded Swamp
- [ ] Bog
- [ ] Other _____

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [x] 2
- [ ] 1

Subclass Richness (Lateral Diversity)
- [ ] 10
- [ ] 8-9
- [ ] 6-5
- [x] 3-4
- [ ] 1

Vertical Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [ ] 50% or > are of Listed Types
- [ ] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [x] 26-75% Peripheral
- [ ] 75% or <25% Scattered
- [ ] Edge: Cover: 75% or <75% Peripheral

Percent Open Water
- [x] 0-33%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [x] Low
- [ ] Medium
- [ ] High

Proximity of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [x] Moderate
- [ ] Low

Wetland Successional
- [ ] Primarily Favorable
- [ ] Moderately Favorable
- [x] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other _____

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- [ ] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slope 0-2%
- [ ] Slope 2%

Surrounding Slopes
- [x] Slope 0-2%
- [ ] Slope 2%

Topographic Position in Watershed
- [x] Upper
- [ ] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [x] Till
- [ ] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [ ] Peat: Permeability
- [x] Low Permeability

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [x] Condition 6

Hydrologic Connection
- [x] Not Part of Riparian System
- [ ] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Vernal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Social-economical Elements

Size
- [ ] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [ ] <33%
- [ ] 34-66%
- [ ] 67-100%
- [x] Does not border

Legal Access
- [ ] Yes
- [x] No

Relief
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep: 8 ft.
- [ ] Shallow: <8 ft.

Hydrologic Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a (Combination)

Access to Public
- [ ] Within 150 ft of Road
- [ ] Access by Possible Waterway
- [x] Isolated

Surrounding Population Density
- [ ] (1 person/acre (2.5/km²))
- [ ] 0.5 - 1.0 p/a (1230-2720/km²)
- [ ] 2 p/a (5520/km²)

Land Scarcity
- [ ] Not ft to nearest similar type
- [ ] Not ft to nearest similar type
- [ ] Less ft to nearest similar type

Water Use Value or Potential
- [x] None
- [ ] Benefits 1 family for part of year
- [ ] Benefits 1 family
- [ ] Benefits several commercial interests

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER A2
FLIGHT, PHOTO NUMBER(S) _____

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.82	100	WOODED SWAMP
		BOG
		OTHER _____
1.82	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Tsuga canadensis		✓	
(Hemlock)			
Betula lutea		✓	
(Yellow Birch)			
Populus tremuloides	✓		
(Trembling Aspen)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Carex sp.		✓	
(Sedge)			
Maianthemum canadense		✓	
(Canada Mayflower)			
Viola sp.		✓	
(Violet)			

inventory

number A2

date 5/14/81

field investigator(s)

D. Magee

G. Hollands

water quality

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Ecological Elements

Special Elements

- Acoustic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other _____

Topographical Elements

Geological Elements

Surficial Material

- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock

- Igneous and Metamorphic
- Sedimentary

Organic Material

- Absent
- Organic Permeability
- Low Permeability

Hydrological Elements

Social-economical Elements

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER A3
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.04	100	WOODED SWAMP
		BOG
		OTHER _____
1.04	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Acer rubrum		✓	
(Red Maple)			
Betula lutea		✓	
(Yellow Birch)			
Populus tremuloides	✓		
(Trembling Aspen)			
Maianthemum canadense		✓	
(Canada Mayflower)			
Carex sp.		✓	
(Sedge)			
Betula papyrifera	✓		
(Paper Birch)			

inventory

number A3

date 5/14/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ☒ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- -5
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- -10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- High
- Moderate
- ☒ Low

Surrounding Habitat
- -90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or <25% Scattered
- ☒ 100% Cover; -75% or <25% Peripheral

Percent Open Water
- ☒ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ☒ Low
- Medium
- High

Proportion of Wildlife Food Plants
- ☒ Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- ☒ Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ☒ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep -3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep -3%

Topographic Position in Watershed
- ☒ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- ☒ Absent
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Normal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >4.6 acres
- ☒ Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Town >6 ft

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ <1 person/acre (<320/mi²)
- 0.5 - 1.9 p/a (430-1220/mi²)
- >2 p/a (>1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER B1
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
0.05	100	OTHER Streamside Wetland
0.05	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Acer spicatum		✓	
(Mountain Maple)			
Corylus cornuta		✓	
(Beaked Hazel)			
Abies balsamea	✓		
(Balsam Fir)			
Rubus idaeus		✓	
var. strigosus			
(Red Raspberry)			

inventory

number B1

date 5/13/81

field investigator(s):

D. Magee

C. Hollands

water quality

Wetland Subclasses
- [x] Stream or Brookside Wetland
- [ ] Open fresh water
- [ ] Intermittent Subclass
- [ ] Non Intermittent Subclass
- [ ] Deep fresh marsh
  - [ ] Broad Woody
  - [ ] Cattail
  - [ ] Bog-Shrub
  - [ ] Reed
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- [ ] Shallow fresh marsh
  - [ ] Reed
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- [ ] Wet Meadow
  - [ ] Emergent
  - [ ] Shrubs and Trees
- [ ] Meadow
  - [ ] Ungrazed
  - [ ] Grazed
- [ ] Shrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Coniferous
  - [ ] Aquatic
- [ ] Wooded Swamp
  - [ ] Deciduous
  - [ ] Evergreen
- [ ] Shrub
- [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [x] Stream or Brookside Wetland
- [ ] Open fresh water
- [ ] Shallow fresh marsh
- [ ] Deep fresh marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [ ] Wooded Swamp
- [ ] Bog
- [ ] Other

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [ ] Moderate
- [x] Low

Surrounding Habitat
- [ ] >75% of 2 or more of Listed Types
- [ ] 50-90% of 1 or more; 90% of 1
- [ ] >50% of 1 or more of Listed Types

Cover Types
- [ ] 25-75% Scattered
- [x] 25-75% Peripheral
- [ ] 75% or >25% Scattered
- [ ] 100% Cover; <75% or >25% Peripheral

Percent Open Water
- [ ] 0-33%
- [x] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [ ] Medium
- [x] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Successition
- [ ] Highly Favorable
- [x] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [x] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER B-2
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
1.71	35.3	SHRUB SWAMP
3.13	64.7	WOODED SWAMP
		BOG
		OTHER _____
4.84	100	TOTAL

vegetation

	occ	com	dom
Thuja occidentalis		✓	
(Arbor Vitae)			
Picea mariana		✓	
(Black Spruce)			
Tsuga canadensis		✓	
(Hemlock)			
Alnus rugosa		✓	
(Speckled Alder)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Sphagnum sp.		✓	
(Sphagnum)			
Betula lutea	✓		
(Yellow Birch)			
B. papyrifera	✓		
(Paper Birch)			
Abies balsamea	✓		
(Balsam Fir)			

inventory

number B-2

date 5/13/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Subclass
- Stream or Drainage Wetland
- Flowing Water
- Permanent Subclass
- Non-Permanent Subclass
- Open Fresh Marsh
  - Broad-leaved
  - Narrow
  - Submergent
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Emergent
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Lowland
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Coniferous
  - Deciduous
  - ☒ Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Adjacent Wetland Class
- Stream or Drainage Wetland
- Open Fresh Marsh
- Shallow Fresh Marsh
- Deeply Flooded Flood Plain
- Bog
- Wooded Swamp
- ☒ Shrub Swamp
- Other

Adjacent Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Natural Diversity)
- 10
- 8-9
- 6-5
- 4-3
- 2-1

Vegetative Interspersion
- ☒ High
- Moderate
- Low

Surrounding Habitat
- >9% of 2 or more of Listed Types
- 50-90% of 2 or more; 90% of 1
- >50% of 3 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >25% Scattered
- ☒ 100% Cover; <25% or >75% Peripheral

Natural Open Water
- ☒ 0-30%
- 30-66%
- 67-90%
- 90-100%

Vegetative Species Richness
- Low
- Medium
- ☒ High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- ☒ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Shore/Mount Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-2%
- Steep 3%

Surrounding Slopes
- Slight 0-2%
- ☒ Steep 3%

Groundwater Position to Watershed
- Upper
- Intermediate
- ☒ Lower

Geological Elements

Superficial Material
- Till
- ☒ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ☒ High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Regional Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- Not Part of Riverine System
- ☒ Part of Riverine System

Water Level Fluctuation
- High
- ☒ Low
- Normal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- Absent
- ☒ Present, from wetland B-3
- Perennial
- ☒ Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☒ Large >6.6 acres
- Medium 3.3-6.5
- Small <3 acre

Surficial Geologic Material of watershed
- Till
- ☒ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Road Access
- ☒ Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Recreational Connection
- ☒ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ <1 per square mile
- 1-6.5 per square mile (4 to 320/km²)
- >6.5 per square mile (>320/km²)

Local Scarcity
- ☒ 250 ft is to nearest similar type
- 251 to 1000 ft is to nearest similar type
- >1000 ft is to nearest similar type

Water Use Value or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports small commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER B-3
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.65	100	WOODED SWAMP
		BOG
		OTHER
1.65	100	TOTAL

vegetation

	occ	com	dom
Populus balsamifera		✓	
(Balsam Poplar)			
Acer rubrum		✓	
(Red Maple)			
Tilia americana		✓	
(Basswood)			
Trillium grandiflorum	✓		
(Trillium)			
Claytonia virginiana		✓	
(Spring Beauty)			
Panax trifolium		✓	
(Dwarf Ginseng)			
Ulmus americana	✓		
(American Elm)			

inventory

number B-3

date 5/13/81

field investigator(s)

D. Magee, G. Hollands

water quality

Note: Make designation on photo.

Ecological Elements

Wetland Subclasses
- [x] Stream or Bottomland Wetland
- Aquatic Bed
  - [ ] Freshwater Subclass
  - [ ] Saltwater Subclass
- Emergent Marsh
  - [ ] Broad Woody
  - [ ] Shrub
  - [ ] Low-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Scrub/Shrub Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Tidal Flats/Flats
  - [ ] Unvegetated
  - [ ] Shrubs and Trees
- Meadow
  - [ ] Ungrazed
  - [ ] Grazed
- Shrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Compact
  - [ ] Aquatic
- Wooded Swamp
  - [x] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Wetland Class
- [ ] Stream or Bottomland Wetland
- [ ] Open Fresh Water
- [ ] Open Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Seasonally Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [x] Wooded Swamp
- [ ] Bog
- [ ] Other _____

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] 10
- [ ] 4-9
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [ ] 90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [x] 26-75% Peripheral
- [ ] 75% or >25 Scattered
- [ ] 100% Cover; 75% or >25% Peripheral

Percent Open Water
- [ ] 0-33%
- [x] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Juxtaposition
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other _____

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [ ] Semi-closed Basin
- [x] Valley
- [ ] Hillside

Wetland Gradient
- [ ] Slight 0-3%
- [x] Steep 3%

Surrounding Slopes
- [x] Slight 0-3%
- [ ] Steep 3%

Topographic Position in Watershed
- [ ] Upper
- [x] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [x] Absent
- [ ] High Permeability
- [ ] Low Permeability

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [ ] Low <10,000 gal/day/ft
- [x] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [x] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [ ] Low
- [x] Normal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [ ] Absent
- [x] Present, from wetland B-2
- [ ] Perennial
- [x] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [x] Present, to wetland B-4
- [ ] Perennial
- [x] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Social-economical Elements

Size
- [ ] Large >4.6 acres
- [x] Medium 1.1-4.5
- [ ] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [x] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland Bordering Open Water
- [x] <33%
- [ ] 34-66%
- [ ] 67-100%
- [ ] Does not border

Legal Access
- [x] Yes
- [ ] No

Fetch
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep >4 ft.
- [ ] Shallow <4 ft.

Hydrologic Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] [illegible]
- [ ] 0.5 - 1.5 p/a (430-1220/mi²)
- [ ] 2 p/a (1220/mi²)

Local Scarcity
- [x] 200 ft to nearest similar type
- [ ] 201 to 1000 ft to nearest similar type
- [ ] 1000 ft to nearest similar type

Known Crop Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Supports 1 family
- [ ] Supports stable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER B-4
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
1.37	6.62	SHRUB SWAMP
19:32	93.38	WOODED SWAMP
		BOG
		OTHER
20.69	100	TOTAL

vegetation

	occ	com	dom
Tsuga canadensis			✓
(Hemlock)			
Betula lutea		✓	
(Yellow Birch)			
Acer rubrum			✓
(Red Maple)			
Clintonia borealis		✓	
(Spring Beauty)			
Alnus rugosa			✓
(Speckled alder)			

inventory

number B-4

date 5/13/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Classification
- Stream or Bryophytic wetland
- Fresh water
- Intertidal Saltflats
- Non-Intertidal Saltflats
- Fresh Marsh
- Wet Meadow
- Scrub
- Scrub-Shrub
- Emergent
- Narrow-Leaved
- Broad-Leaved
- Floating-Leaved
- Mud Flats
- Open Water
- Shallow Fresh Marsh
- Emergent
- Narrow-Leaved
- Broad-Leaved
- Floating-Leaved
- Mud Flats/Flats
- Forested
- Shrubs and Trees
- Deciduous
- Evergreen
- Scrub
- Sapling
- Young
- Coniferous
- Mixed
- Wooded Swamp
- Deciduous
- Evergreen
- Scrub
- Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Bryophytic wetland
- Open Fresh Water
- Intertidal Fresh Marsh
- Shallow Fresh Marsh
- Deep Fresh Marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Scrub Swamp
- Deciduous Swamp
- Bog
- Other

Subclass (Class) Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 8-9
- 6-5
- 4-3
- 2-1

Vegetative Interspersion
- High
- Moderate
- Low

Streambank Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 3
- <50% of 1 or more of Listed Types

Canopy Types
- 26-75%: Scattered
- 26-75%: Peripheral
- 75% or >25% Scattered
- 100% Cover; 75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Interspersion
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Flood Basin
- Enclosed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position to Watershed
- Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Present
- Low Permeability >4'

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- Large
- Low
- Vernal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland B-3
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering open water
- <25%
- 26-66%
- 67-100%

Deer not border

Road Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Size of Lake
- Deep (> ft.)
- Shallow (< ft.)

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within two ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>2.5/ha)
- 0.5 - 1.0 p/a (1235-2470/km²)
- <.5 p/a (<1235/km²)

Land Ownership
- 25% or less of nearest similar type
- 26% to 75% of nearest similar type
- 76% to 100% of nearest similar type

Access (Use Below or Potential)
- None
- Supports family for part of year
- Exclusively supports family
- Supports viable commercial harvest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER B-5
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.55	100	WOODED SWAMP
		BOG
		OTHER _____
0.55	100	TOTAL

vegetation

	occ	com	dom
Picea mariana			✓
(Black Spruce)			
Abies balsamea	✓		
(Balsam Fir)			
Acer rubrum		✓	
(Red Maple)			
A. spicatum	✓		
(Mountain Maple)			
Ribes sp.		✓	
(Gooseberry)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Sphagnum sp.		✓	
(Sphagnum)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Vaccinium corymbosum		✓	
(Highbush Blueberry)			
Larix laricina	✓		
(Tamarack)			

inventory

number B-5

date 5/13/81

field investigator(s)

D. Magee, C. Hollands

water quality

wetland Size/class
- Stream or Brookside Wetland
- Open Fresh Water
- Permanently Flooded
- Intermittently Flooded
- Saturated Soil/Bog
- Deep Fresh Marsh
- Broad-leaved
- Shrub
- Coniferous
- Broad-leaved
- Shallow Fresh Marsh
- Aquatic
- Narrow-leaved
- Broad-leaved
- Floating-leaved
- Inland Flats/Bogs
- Forested
- Shrub and Trees
- Meadow
- Unvegetated
- Grazed
- Shrub Swamp
- Sapling
- Bushy
- Compact
- Aquatic
- Forested Swamp
- Deciduous
- Evergreen
- Bog
- Shrub
- Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ■ Forested Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ■ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ■ 1

Vegetative Interspersion
- ■ High
- Moderate
- Low

Surrounding Habitat
- ■ 90% of 2 or more of Listed Types
- 50-90% of 3 or more; 90% of 3
- >50% of 3 or more of Listed Types

Cover Type
- 75-75% Scattered
- 75-75% Peripheral
- 75% or >75% Scattered
- ■ 100% Cover; 75% or >75% Peripheral

Percent Cover Water
- ■ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ■ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ■ Moderate
- High

Vegetative Density
- ■ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- ■ Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ■ Closed Basin
- Encirclement Basin
- Valley
- Hillside

Wetland Gradient
- ■ Slight 0-2%
- Steep >2%

Surrounding Slopes
- ■ Slight 0-2%
- Steep >2%

Topographic Position is Determined
- Lower
- Intermediate
- ■ Lower

Geological Elements

Surficial Material
- Till
- ■ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ■ Peat Permeability > 4'
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ■ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ■ Condition 6

Hydrologic Connection
- ■ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ■ Low
- Normal Pool

Groundwater Outflow
- ■ Absent
- Present

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- ■ Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ■ Small <1 acre

Surficial Geologic Material of watershed
- Till
- ■ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ■ Does not border

Road Access
- ■ Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- ■ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- ■ Isolated

Surrounding Population Density
- ■ 1 Structure in (<320/mi²)
- 0.5 - 1.0 p/a (320-1280/mi²)
- 2 p/a (>1280/mi²)

Land Scarcity
- ■ 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1001 ft to nearest similar type

Private Land Value or Potential
- ■ None
- Currently 1 family for part of year
- Exclusively supports 1 family
- Supports private commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER B-8

FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.46	100	WOODED SWAMP
		BOG
		OTHER _____
0.46	100	TOTAL

vegetation

	occ	com	dom
Populus balsamifera		✓	
(Balsam Poplar)			
Acer rubrum		✓	
(Red Maple)			
Betula papyrifera		✓	
(Paper Birch)			
Amelanchier laevis		✓	
(Shadbush)			
Nemopanthus mucronata		✓	
(Mountain Holly)			

inventory

number B-8

date 5/13/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unbraced
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ■ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ■ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ■ 1

Subclass Richness (Lateral Diversity)
- -10
- 6-9
- 4-5
- 2-3
- ■ 1

Vegetative Interspersion
- High
- ■ Moderate
- Low

Surrounding Habitat
- -90% of 2 or more of Listed Types
- ■ 50-90% of 1 or more; 40% of 1
- -50% of 1 or more of Listed Types

Cover Type
- ■ 26-75% Scattered
- 26-75% Peripheral
- 75% or -25 Scattered
- 100% Cover; 75% or -25% Peripheral

Percent Open Water
- 0-30%
- ■ 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ■ Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- ■ Moderate
- High

Vegetative Density
- High
- Moderate
- ■ Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ■ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ■ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ■ Slight 0-3%
- Steep 3%

Surrounding Slopes
- ■ Slight 0-3%
- Steep 3%

Topographic Position in Watershed
- Upper
- Intermediate
- ■ Lower

Geological Elements

Surficial Material
- Till
- ■ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ■ Low Permeability < 4'

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ■ Low -10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High -40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ■ Condition 6

Hydrologic Connection
- ■ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ■ Low
- Vernal Pool

Groundwater Outflow
- ■ Absent
- Present

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ■ Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ■ Small <1 acre

Surficial Geologic Material of watershed
- Till
- ■ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- -33%
- 34-66%
- 67-100%
- ■ Does not border

Visual Access
- ■ Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over [illegible] ft.
- Shallow [illegible] ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- ■ Isolated

Surrounding Population Density
- ■ [illegible]
- 0.5 - 1.5 p/a (430-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- ■ 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- ■ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER D-1
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
1.75	38.0	SHRUB SWAMP
2.85	62.0	WOODED SWAMP
		BOG
		OTHER _____
4.60	100	TOTAL

vegetation

	occ	com	dom
Alnus rugosa			✓
(Speckled alder)			
Ulmus americana		✓	
(American Elm)			
Abies balsamea		✓	
(Balsam Fir)			
Thuja occidentalis		✓	
(Arbor Vitae)			
Coptis groenlandica		✓	
(Canker-root)			
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides	✓		
(Trembling Aspen)			

inventory

number D-1

date 5/13/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ☒ Deciduous
  - ☒ Evergreen—dominant
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- ☒ 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- ☒ 2-3
- 1

Vegetative Interspersion
- ☒ High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- >50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >75% Scattered
- ☒ 100% Cover; >25% or <25% Peripheral

Percent Open Water
- ☒ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- ☒ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ☒ Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- ☒ Lower

Geological Elements

Surficial Material
- Till
- ☒ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ☒ High Permeability >4'
- Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ☒ Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- Absent
- ☒ Present, from wetland D-2
- Perennial
- ☒ Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☒ Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of Watershed
- Till
- ☒ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- ☒ <33%
- 34-66%
- 67-100%
- Does not border

Local Access
- ☒ Yes
- No

Patch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☒ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ☒ Within 1[illegible] ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ☒ [illegible]
- 0.5 - 1.5 p/a (4[illegible]-122p/mi²)
- 2 p/a (1[illegible]/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ☒ [illegible] ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Outlet
- Absent
- ☒ Present, to wetland Off-site
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER D2
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
0.05	100	OTHER Streamside Wetland
0.05	100	TOTAL

vegetation

	occ	com	dom
Tilia americana		✓	
(Basswood)			
Ulmus americana		✓	
(American Elm)			
Acer rubrum		✓	
(Red Maple)			
Trillium grandiflorum		✓	
(Trillium)			
Uvularia perfoliata	✓		
(Bellflower)			
Salix sp.		✓	
(Salix)			

inventory

number D2

date 5/13/81

field investigator(s)

C. Hollands

D. Magee

water quality

Wetland Subclasses
- [x] Stream or Shoreline wetland
- [ ] Open fresh water
- [ ] Permanent Subclass
- [ ] Non-permanent Subclass
- [ ] Deep fresh marsh
- [ ] Broad-leaved
- [ ] Shallow fresh marsh
- [ ] Reed
- [ ] Narrow-leaved
- [ ] Broad-leaved
- [ ] Floating-leaved
- [ ] Flood Plain/flats
- [ ] Forested
- [ ] Shrubs and trees
- [ ] Meadow
- [ ] Unmowed
- [ ] Grazed
- [ ] Shrub Swamp
- [ ] Sapling
- [ ] Bushy
- [ ] Coniferous
- [ ] Deciduous
- [ ] Evergreen
- [ ] Shrub
- [ ] Wooded

Ecological Elements

Wetland Class
- [x] Stream or Shoreline wetland
- [ ] Open fresh water
- [ ] Deep fresh marsh
- [ ] Shallow fresh marsh
- [ ] Yearly flooded flood plain
- [ ] Wet meadow
- [ ] Shrub swamp
- [ ] Wooded swamp
- [ ] Bog
- [ ] Other _____

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [ ] Moderate
- [x] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [x] 50-90% of 3 or more; 90% of 2
- [ ] >50% of 3 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [ ] 26-75% Peripheral
- [ ] <75% or <25% Scattered
- [x] 100% Cover; >75% or >25% Peripheral

Percent Open Water
- [ ] 0-33%
- [ ] 34-66%
- [x] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [x] Low
- [ ] Medium
- [ ] High

Interspersion of Wildlife Food Plants
- [x] Low
- [ ] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Succession
- [ ] Highly Favorable
- [x] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Associate Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other _____

Topographical Elements

Topographic Configuration
- [ ] Flood Basin
- [ ] Shoreline Basin
- [x] Valley
- [ ] Hillside

Wetland Gradient
- [ ] Slight 0-3%
- [x] Steep 3%

Surrounding Slopes
- [ ] Slight 0-3%
- [x] Steep 3%

Topographic Position in Watershed
- [x] Upper
- [ ] Intermediate
- [ ] Lower

Geological Elements

Superficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [x] Absent
- [ ] High Permeability
- [ ] Low Permeability

Hydrological Elements

Hydrologic Position
- [x] Perched wetland
- [ ] Water Table wetland
- [ ] Water Table/Artesian wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low - <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High - >40,000 gal/day/ft

Dominant Hydrologic Type
- [x] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [x] High
- [ ] Low
- [ ] Normal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland D-6
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- [ ] Large >6.5 acres
- [ ] Medium 1.1-6.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [x] <33%
- [ ] 34-66%
- [ ] 67-100%
- [ ] Does not border

Road Access
- [x] Yes
- [ ] No

Inlet
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Inlet of Lake
- [ ] Creek 1 ft.
- [ ] Shallow 6 ft.

Social-economical Elements

Hydrologic Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Possible Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 per/square mile (<390/km²)
- [ ] 1-5 per/square mile (390-1950/km²)
- [ ] >5 per/square mile (>1950/km²)

Local Scarcity
- [ ] <250 ft to nearest similar type
- [ ] 251 to 1000 ft to nearest similar type
- [x] >1000 ft to nearest similar type

Use - Know Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Periodically supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER D-3
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.53	100	WOODED SWAMP
		BOG
		OTHER _____
1.53	100	TOTAL

vegetation

inventory

number D-3

date 5/13/81

field investigator(s)

D. Magee, G. Hollands

water quality

	occ	com	dom
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Populus tremuloides (Trembling Aspen)		✓	
Betula papyrifera (Paper Birch)	✓		
Abies balsamea (Balsam Fir)	✓		
Ribes sp. (Gooseberry)		✓	
Sphagnum sp. (Sphagnum		✓	
Nemopanthus mucronata (Mountain Holly)		✓	

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Wetland Type/Class
- Stream or Brookside Wetland
- Open Fresh Water
- Semi-Permanent Shallows
- Some Permanent Shallows
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Deep Marsh
- Shrub Swamp
- Shallows
- Swamp
- Coniferous
- Deciduous
- Acidic
- Wooded Swamp
- Deciduous
- Coniferous
- Bog
- Shrub
- Wooded

Ecological Elements

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Species Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >75% Scattered
- 100% Cover; 75% or >75% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly favorable
- Moderately favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-2%
- Slope 3%

Surrounding Slopes
- Slope 0-2%
- Slope >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Organ Permeability > 4"
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 45,000 gal/day/ft
- High >45,000 gal/day/ft

Wetland Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Buffer
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Surrounding
- Open Water
- 0-33%
- 34-66%
- 67-100%
- Dams not Border

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 15 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 1/4 mi of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- Optimum size (1-2/mile)
- Low (.5 - 1.5 per 1430-3220/mi²)
- Over 2 per (1.2/mi²)

Legal Ownership
- 100 ft to nearest similar type
- Out to 1/4 mi to nearest similar type
- Road to nearest similar type

Water Level Below or Perennial
- Low
- Seasonally (1 family, for part of year)
- Relatively seasonally (1 family)
- Seasonally viable commercial interest

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland D-1
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER D-4
FLIGHT, PHOTO NUMBER(S) D-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
16.99	100	WOODED SWAMP
		BOG
		OTHER
16.99	100	TOTAL

vegetation

	occ	com	dom
Thuja occidentalis (Arbor Vitae)		✓	
Abies balsamea (Balsam Fir)		✓	
Tsuga canadensis (Hemlock)		✓	
Picea mariana (Black Spruce)		✓	
Alnus rugosa (Speckled Alder)		✓	
Betula lutea (Yellow Birch)	✓		
Sphagnum sp. (Sphagnum)		✓	
Ledum groenlandicum (Labrador Tea)		✓	
Ilex verticillata (Winterberry)	✓		
Acer rubrum (Red Maple)		✓	
Ulmus americana (American Elm)		✓	

inventory

number D-4

date 5/13/81

field investigator(s)

D. Maree, G. Hollands

water quality

Emergent-Dominant

Ecological Elements

Vegetative Interspersion
- ■ High
- Moderate
- Low

Vegetative Species Richness
- Low
- Medium
- ■ High

Vegetative Density
- ■ High
- Moderate
- Low

Wetland Juxtaposition
- ■ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- ■ Valley
- Hillside

Wetland Gradient
- ■ Slight 0-2%
- Steep 2%

Surrounding Slopes
- ■ Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- ■ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Moderate Permeability
- ■ Low Permeability <4"

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- ■ Perched wetland
- water table wetland
- water table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- ■ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ■ Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riverine System
- ■ Part of Riverine System

Water Level Fluctuation
- Large
- ■ Low
- Perennial Pool

Groundwater Outflow
- ■ Absent
- Present

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- ■ Present, to wetland D-1
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- ■ Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ■ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Percent wetland bordering Open water
- <33%
- 33-66%
- 67-100%
- ■ Does not border

Legal Access
- ■ Yes
- No

Depth of Lake
- Over 7000 ft.
- Under 7000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ■ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Portion (up) ft of Road
- ■ Access by Possible Waterway
- Isolated

Surrounding Population Density
- ■ Low (<1 person/acre (<370/acre))
- Medium (1.5 - 3.5 pop (430-1270/mi²))
- High (>3 pop (1,200/mi²))

Local Shoreline
- 2,500 ft to nearest shelter type
- ■ 2,501 to 5,000 ft to nearest shelter type
- 5,000 ft to nearest shelter type

Major Crop Value or Potential
- ■ Low
- Supports 1 family for part of year
- Completely supports 1 family
- Supports sizable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER D-4A
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.87	100	WOODED SWAMP
		BOG
		OTHER _____
1.87	100	TOTAL

vegetation

	occ	com	dom
Fraxinus pennsylvanica	☐	✓	☐
var. subintegerrima	☐	☐	☐
(Green Ash)	☐	☐	☐
Acer rubrum	☐	✓	☐
(Red Maple)	☐	☐	☐
Alnus rugosa	☐	✓	☐
(Speckled Alder)	☐	☐	☐
Populus tremuloides	☐	✓	☐
(Trembling Aspen)	☐	☐	☐
Scirpus cyperinus	☐	✓	☐
(Wool-grass)	☐	☐	☐
Calamagrostis canadensis	☐	✓	☐
(Blue-Joint Grass)	☐	☐	☐

inventory

number D-4A

date 5/13/81

field investigator(s),

D. Hague, C. Hollands

water quality

☐	☐	☐
☐	☐	☐
☐	☐	☐

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER D-5
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
0.84	100	BOG
		OTHER _____
0.84	100	TOTAL

vegetation

	occ	com	dom
Chamaedaphne calyculata			✓
(Leatherleaf)			
Salix sp.		✓	
(Willow)			
Typha latifolia		✓	
(Cat-tail)			
Kalmia polifolia	✓		
(Bog Laurel)			
Vaccinium macrocarpon		✓	
(American Cranberry)			
Sphagnum sp.		✓	
(Sphagnum)			

inventory

number D-5

date 5/11/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Size/Area
- Stream or Shoreline wetland
- Open Water Marsh
- Emergent Sawgrass
- Wet Hardwood Sawgrass
- Deep Water Marsh
- Wet Prairie
- Scrub
- Cypress
- Hardwood
- Coniferous-Hardwood
- Broad-Leaved
- Shallow Water Marsh
- Hammock
- Coniferous-Hardwood
- Broad-Leaved
- Floating-Leaved
- Wet Plain/Flats
- Emergent
- Scrubs and Trees
- Meadow
- Hardwood
- Cypress
- Wet Prairie
- Sapling
- Shrub
- Emergent
- Aquatic
- Dead Snags
- Coniferous
- Hardwood
- Pine
- Shrub
- Emergent

Ecological Elements

Dominant Wetland Class
- Stream or Shoreline wetland
- Open Water Marsh
- Shallow Water Marsh
- Nearly Flooded Flat Plain
- Wet Meadow
- Scrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Sub-Class Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 2 or more; 90% of 1
- >50% of 2 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; >75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Production of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep 2%

Surrounding Slopes
- Slight 0-2%
- Steep 2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvial

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Mod. Permeability > 4"
- Low Permeability

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvial

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Visual Access
- Yes
- No

Depth
- Over 7000 Ft.
- Under 7000 Ft.

Length of Leap
- Deep (_ Ft.
- Shallow <6 Ft.

Social-economical Elements

Hydrologic Connection
- Connection to a Small Stream
- Connection to a River
- Connection to a Lake
- Connection to a Combination

Access to Public
- Within Two Ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>2/ha)
- 0.5 - 1 p/a (620-1270/km²)
- <0.5 p/a (<1270/km²)

Local Security
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- >1000 ft to nearest similar type

Use Free Value or Potential
- None
- Occasional family for part of year
- Consistently recreate 1 family
- Economic viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER D-8
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.74	100	WOODED SWAMP
		BOG
		OTHER
0.74	100	TOTAL

vegetation

	occ	com	dom
Abies balsamea		✓	
(Balsam Fir)			
Picea mariana		✓	
(Black Spruce)			
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Betula lutea	✓		
(Yellow Birch)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Pinus strobus	✓		
(White Pine)			

inventory

number 11-8

date 5/13/81

field investigator(s).

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unbraced
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ■ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ■ Wooded Swamp
- Bog
- Other _____

Wetland Class Richness
- 5
- 4
- 3
- 2
- ■ 1

Subclass Richness (Lateral Diversity)
- -10
- 6-9
- 4-5
- 2-3
- ■ 1

Vegetative Interspersion
- High
- ■ Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- ■ 50-90% of 1 or more; 90% of 1
- -50% of 1 or more of Listed Types

Cover Type
- ■ 26-75% Scattered
- 26-75% Peripheral
- 75% or -25 Scattered
- 100% Cover; 75% or -25% Peripheral

Percent Open Water
- 0-30%
- ■ 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ■ Low
- Medium
- High

Proportion of Wildlife Food Plants
- ■ Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- ■ Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ■ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other _____

Topographical Elements

Topographic Configuration
- ■ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ■ Slight 0-3%
- Steep -3%

Surrounding Slopes
- ■ Slight 0-3%
- Steep -3%

Topographic Position in Watershed
- ■ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ■ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ■ High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ■ Low -10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High -40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ■ Condition 6

Hydrologic Connection
- ■ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ■ Low
- Vernal Pool

Groundwater Outflow
- ■ Absent
- Present

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ■ Small <1 acre

Surficial Geologic Material of watershed
- ■ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- -33%
- 34-66%
- 67-100%
- ■ Does not border

Legal Access
- ■ Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep -6 ft.
- Shallow -6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable waterway
- ■ Isolated

Surrounding Population Density
- ■ 1 person/acre (-320/mi²)
- 0.5 - 1.9 p/a (430-1220/mi²)
- 2 p/a (1220/mi²)

Level Scarcity
- ■ 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- ■ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Outlet
- ■ Absent
- Present, to wetland
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER D18
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.71	100	WOODED SWAMP
		BOG
		OTHER _____
0.71	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides	✓		
(Trembling Aspen)			
Abies balsamea	✓		
(Balsam Fir)			
Betula lutea		✓	
(Yellow Birch)			
Betula papyrifera	✓		
(Paper Birch)			
Pinus strobus	✓		
(White Pine)			
Nemopanthus mucronata		✓	
(Mountain Holly)			

inventory

number D18

date 5/13/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Subclasses
- Stream or Branch Wetland
- Flow Fresh Marsh
  - [ ] Vegetated Subclass
  - [ ] Non Vegetated Subclass
- Deep Fresh Marsh
  - [ ] Dead Woody
  - [ ] Shrub
  - [ ] Sub-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating/Floated
- Floodplain/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Wet Meadow
  - [ ] Unmanaged
  - [ ] Grazed
- Shrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Compact
  - [ ] Aquatic
- Wooded Swamp
  - [x] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [ ] Stream or Branch Wetland
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Nearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [x] Wooded Swamp
- [ ] Bog
- [ ] Other

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 76-75% Scattered
- [ ] 76-75% Peripheral
- [ ] 75% or <25% Scattered
- [x] 100% Cover; >75% or <25% Peripheral

Percent Open Water
- [x] 0-33%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [x] Low
- [ ] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [x] Low
- [ ] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Juxtaposition
- [ ] Highly Favorable
- [ ] Moderately Favorable
- [x] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other _____

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- [ ] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-3%
- [ ] Steep >3%

Surrounding Slopes
- [ ] Slight 0-3%
- [x] Steep >3%

Topographic Position in Watershed
- [x] Lower
- [ ] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [x] Till
- [ ] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [x] High Permeability
- [ ] Low Permeability

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [x] Condition 6

Hydrologic Connection
- [x] Not Part of Riparian System
- [ ] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Vernal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Ephemeral
- [ ] Perennial

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Ephemeral
- [ ] Perennial

Outlet
- [x] Absent
- [ ] Present, to wetland ___
- [ ] Ephemeral
- [ ] Perennial

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Ephemeral
- [ ] Perennial

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Ephemeral
- [ ] Perennial

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Ephemeral
- [ ] Perennial

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Ephemeral
- [ ] Perennial

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- [ ] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [ ] <33%
- [ ] 34-66%
- [ ] 67-100%
- [x] Does not border

Boat Access
- [ ] Yes
- [x] No

Depth
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 1% ft of Road
- [ ] Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 person/acre (2.5/km²)
- [ ] 0.5 - 1.9 p/a (430-1220/mi²)
- [ ] 2 p/a (1220/mi²)

Local Scarcity
- [x] 200 ft to nearest similar type
- [ ] 201 to 1000 ft to nearest similar type
- [ ] 1000 ft to nearest similar type

Human (Use Value or Potential)
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F1
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
5.81	63.2	SHRUB SWAMP
3.38	36.8	WOODED SWAMP
		BOG
		OTHER _____
9.19	100	TOTAL

vegetation

	occ	com	dom
Populus tremuloides		✓	
(Trembling Aspen)			
Ilex verticillata		✓	
(Winterberry)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Ulmus americana	✓		
(American Elm)			
Typha latifolia	✓		
(Cat-tail)			
Impatiens capensis		✓	
(Jewelweed)			

inventory

number F1

date 5/11/81

fluid investigator(s)

D. Magee, P. Clark,

C. Hollands

water quality

Wetland Subclasses
- [x] Stream or Drainage Wetland
- Open Fresh Water
  - [ ] Unvegetated Subclass
  - [ ] Low Vegetation Subclass
- Deep Fresh Marsh
  - [ ] Broad-Leaved
  - [ ] Cattail
  - [ ] Bulrush
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Cattail
  - [x] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Flood Plain/Flats
  - [ ] Forested
  - [ ] Shrubs and Trees
  - [ ] Meadow
  - [ ] Ungrazed
  - [ ] Grazed
- Shrub Swamp
  - [ ] Sapling
  - [ ] Shrub
  - [ ] Connect
  - [ ] Aquatic
- Wooded Swamp
  - [ ] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [x] Stream or Drainage Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Wooded Swamp
- [ ] Bog
- [ ] Other

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [x] 2-3
- [ ] 1

Vegetative Interspersion
- [ ] High
- [ ] Moderate
- [x] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [ ] 50-90% of 2 or more; 90% of 1
- [ ] <50% of 2 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [ ] 26-75% Peripheral
- [ ] 75% or >75% Scattered
- [x] 100% Cover; >75% or <25% Peripheral

Percent Open Water
- [ ] 0-30%
- [ ] 34-66%
- [x] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [x] Low
- [ ] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [ ] Moderate
- [x] High

Vegetative Density
- [ ] High
- [x] Moderate
- [ ] Low

Wetland Sustainability
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [ ] Semi-closed Basin
- [ ] Valley
- [x] Hillside

Wetland Gradient
- [ ] Slight 0-2%
- [x] Steep >2%

Surrounding Slopes
- [ ] Slight 0-2%
- [x] Steep >2%

Topographic Position in Watershed
- [ ] Upper
- [ ] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [ ] High Permeability
- [x] Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Shoreland Position
- [ ] Perched Wetland
- [x] Water Table Wetland
- [ ] Water Isolation/Retention Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 45,000 gal/day/ft
- [ ] High >45,000 gal/day/ft

Dominant Hydrologic Type
- [x] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Main Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Internal Pool
- [ ] Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland F-2
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Size
- [x] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [ ] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [ ] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [ ] <33%
- [ ] 34-66%
- [ ] 67-100%
- [x] Does Not Border

Legal Access
- [x] Yes
- [ ] No

Relief
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.
- [ ] Edge of Lake
- [ ] Deep >6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Recreational Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 660 ft of Road
- [ ] Access by Possible Waterway
- [x] Isolated

Surrounding Population Density
- [ ] 1 Person/acre (>2/acre)
- [x] 0.5 - 1.5 pre (435-1270/acre)
- [ ] 2 pre (<1270/acre)

Land Ownership
- [ ] Same ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- [ ] Over 1000 ft to nearest similar type

Private Land Value or Potential
- [x] Low
- [ ] Suitable for 1 family for part of year
- [ ] Suitable for 1 family
- [ ] Currently Viable Commercial Interest

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to wetland Off-site
- [ ] Perennial
- [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-2
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
10.49	52.5	SHALLOW MARSH
		DEEP MARSH
9.48	47.5	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
19.97	100	TOTAL

inventory

number F-2

date 5/11/81

field investigator(s)

D. Murree, C. Hollands, P. Clark

water quality

vegetation

	occ	com	dom
Ulmus americana (American Elm)		✓	
Acer rubrum (Red Maple)		✓	
Populus tremuloides (Trembling Aspen)	✓		
Salix sp. (Willow)		✓	
Ilex verticillata (Winterberry)		✓	
Alnus rugosa (Speckled Alder)		✓	
Typha latifolia (Cat-tail)			✓

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ■ Large >4.6 acres
- ☐ Medium 1.1-4.5
- ☐ Small <1 acre

Surficial Geologic Material of watershed
- ■ Till
- ☐ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland Bordering Open Water
- ☐ <33%
- ■ 34-66%
- ☐ 67-100%
- ☐ Does not border

Boat Access
- ☐ Yes
- ■ No

Ice
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Over 6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Recreational Connection
- ☐ Connected to a Small Stream
- ☐ Connected to a River
- ☐ Connected to a Lake
- ■ Connected to a Combination

Access to Public
- ☐ Within Thirty of Road
- ☐ Access by Passable Waterway
- ■ Isolated

Surrounding Population Density
- ☐ >1 person/acre (>2.5/acre)
- ☐ 0.5 - 1.0 p/a (1.25-2.5/acre)
- ☐ <.5 p/a (<1.25/acre)

Road Density
- ☐ <500 ft to nearest similar type
- ☐ 501 to 1000 ft to nearest similar type
- ■ >1000 ft to nearest similar type

Human Use Value or Potential
- ☐ None
- ☐ Supports 1 family for part of year
- ☐ Supports 1 family
- ☐ Supports viable commercial interest

Inlet
- ☐ Absent
- ☐ Present, from wetland
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☐ Absent
- ■ Present, to wetland F-1
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☐ Absent
- ☐ Present, to wetland
- ☐ Perennial
- ☐ Intermittent

Ecological Elements

Dominant Wetland Class
- ☐ Ribbon or Bordering Wetland
- ☐ Shore Fringe Marsh
- ☐ Deep Fringe Marsh
- ■ Shallow Fresh Marsh
- ☐ Nearly Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☐ Wooded Swamp
- ☐ Bog
- ☐ Other

Wetland Class Richness
- ☐ 5
- ■ 4
- ☐ 3
- ☐ 2
- ☐ 1

Vegetative Interspersion
- ■ High
- ☐ Moderate
- ☐ Low

Surrounding Habitat
- ☐ >90% of 2 or more of Listed Types
- ☐ 50-90% of 1 or more; 90% of 1
- ☐ <50% of 1 or more of Listed Types

Cover Type
- ■ 25-75% Scattered
- ☐ 25-75% Peripheral
- ☐ 75% or >75% Scattered
- ☐ 100% Cover, 75% or >75% Peripheral

Percent Open Water
- ■ 0-30%
- ☐ 34-66%
- ☐ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ■ Low
- ☐ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☐ Low
- ■ Moderate
- ☐ High

Vegetated Density
- ☐ High
- ■ Moderate
- ☐ Low

Wetland Juxtaposition
- ■ Highly Favorable
- ☐ Moderately Favorable
- ☐ Unfavorable

Special Elements
- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other

Topographical Elements

Topographic Configuration
- ☐ Closed Basin
- ☐ Semi-closed Basin
- ☐ Valley
- ■ Hillside

Wetland Gradient
- ■ Slight 0-2%
- ☐ Steep 2%

Surrounding Slopes
- ☐ Slight 0-2%
- ■ Steep 2%

Topographic Position in Watershed
- ☐ Upper
- ☐ Intermediate
- ■ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☐ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ■ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☐ High Permeability
- ■ Low Permeability

Hydrological Elements

Hydrologic Position
- ☐ Perched Wetland
- ■ Water Table Wetland
- ☐ Water Table/Depression Wetland
- ☐ Artesian Wetland

Transmissivity of Aquifer
- ■ Low - 10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High - 40,000 gal/day/ft

Wetland Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ■ Condition 3 Beaver Ponds
- ☐ Condition 4
- ☐ Condition 5
- ☐ Condition 6

Hydrologic Connection
- ☐ Not Part of Riparian System
- ■ Part of Riparian System

Water Level Fluctuation
- ☐ High
- ■ Low
- ☐ Normal Pool

Groundwater Outflow
- ☐ Absent
- ■ Present

Inlet
- ☐ Absent
- ■ Present, from wetland Deep Hole
- ■ Perennial
- ☐ Intermittent Lake

Inlet
- ☐ Absent
- ☐ Present, from wetland
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland
- ☐ Perennial
- ☐ Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F4
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
1.00	22.2	SHRUB SWAMP
3.50	77.8	WOODED SWAMP
		BOG
		OTHER _____
4.50	100	TOTAL

vegetation

	occ	com	dom
Picea mariana		✓	
(Black Spruce)			
Larix laricina		✓	
(Tamarack)			
Pinus strobus	✓		
(White Pine)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Sphagnum sp.		✓	
(Sphagnum)			
Vaccinium corymbosum		✓	
(Highbush Blueberry)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Vaccinium macrocarpon		✓	
(American Cranberry)			
Sarracenia purpurea		✓	
(Pitcher Plant)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			

inventory

number F4

date 5/12/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Drainage Wetland
- Open Fresh Water
  - ☐ Vegetated Subclass
  - ☐ Non Vegetated Subclass
- Deep Fresh Marsh
  - ☐ Dead Woody
  - ☐ Shrub
  - ☐ Sub-Shrub
  - ☐ Robust
  - ☐ Narrow-Leaved
  - ☐ Broad-Leaved
- Shallow Fresh Marsh
  - ☐ Robust
  - ☐ Narrow-Leaved
  - ☐ Broad-Leaved
  - ☐ Floating-Leaved
- Flood Plain/Flats
  - ☐ Emergent
  - ☐ Shrubs and Trees
- Wet Meadow
  - ☐ Ungrazed
  - ☐ Grazed
- Shrub Swamp
  - ☒ Sapling
  - ☐ Bushy
  - ☐ Compact
  - ☐ Aquatic
- Wooded Swamp
  - ☐ Deciduous
  - ☒ Evergreen
- Bog
  - ☐ Shrub
  - ☐ Wooded

Ecological Elements

Dominant Wetland Class
- ☐ Stream or Drainage Wetland
- ☐ Open Fresh Water
- ☐ Deep Fresh Marsh
- ☐ Shallow Fresh Marsh
- ☐ Yearly Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☒ Wooded Swamp
- ☐ Bog
- ☐ Other _____

Wetland Class Richness
- ☐ >5
- ☐ 4
- ☐ 3
- ☒ 2
- ☐ 1

Subclass Richness (Lateral Diversity)
- ☐ >10
- ☐ 6-9
- ☐ 4-5
- ☒ 2-3
- ☐ 1

Vegetative Interspersion
- ☒ High
- ☐ Moderate
- ☐ Low

Surrounding Habitat
- ☐ >90% of 2 or more of Listed Types
- ☒ 50-90% of 2 or more; 90% of 1
- ☐ <50% of 1 or more of Listed Types

Cover Type
- ☐ 26-75% Scattered
- ☐ 26-75% Peripheral
- ☐ 75% or <25% Scattered
- ☒ 100% Cover; >75% or <25% Peripheral

Percent Open Water
- ☒ 0-30%
- ☐ 34-66%
- ☐ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ☐ Low
- ☒ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☐ Low
- ☒ Moderate
- ☐ High

Vegetative Density
- ☒ High
- ☐ Moderate
- ☐ Low

Wetland Juxtaposition
- ☒ Highly Favorable
- ☐ Moderately Favorable
- ☐ Unfavorable

Special Elements
- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other _____

Topographical Elements

Topographic Configuration
- ☐ Closed Basin
- ☒ Semi-closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-3%
- ☐ Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- ☐ Steep >3%

Topographic Position in Watershed
- ☐ Upper
- ☒ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☒ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☒ High Permeability >4'
- ☐ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- ☐ Water Table Wetland
- ☐ Water Table/Artesian Wetland
- ☐ Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Dominant Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☒ Condition 5
- ☐ Condition 6

Hydrologic Connection
- ☐ Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- ☐ High
- ☒ Low
- ☐ Normal Pool

Groundwater Outflow
- ☒ Absent
- ☐ Present

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Outlet
- ☐ Absent
- ☒ Present, to wetland ___ San Lake
- ☐ Perennial
- ☐ Ephemeral

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- ☐ Large >4.6 acres
- ☒ Medium 1.3-4.5
- ☐ Small <1 acre

Surficial Geologic Material of watershed
- ☐ Till
- ☒ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent Wetland Bordering Open Water
- ☒ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☐ Does not border

Legal Access
- ☐ Yes
- ☒ No

Fetch
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☐ Connected to a Small Stream
- ☐ Connected to a River
- ☒ Connected to a Lake
- ☐ Connected to a Combination

Access to Public
- ☐ Within 100 ft of Road
- ☐ Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ <1 person/acre (<320/mi²)
- ☐ 0.5 - 1.9 p/a (430-1220/mi²)
- ☐ >2 p/a (>1220/mi²)

Local Scarcity
- ☒ 200 ft to nearest similar type
- ☐ 201 to 1000 ft to nearest similar type
- ☐ >1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Completely supports 1 family
- ☐ Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F5
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
3.50	100	WOODED SWAMP
		BOG
	-	OTHER _____
3.50	100	TOTAL

Inventory

number F5

date 5/12/81

field investigator(s)

D. Magee

C. Hollands

water quality

Vegetation

	occ	com	dom
Picea mariana			✓
(Black Spruce)			
Pinus strobus		✓	
(White Pine)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Vaccinium corymbosum		✓	
(Highbush Blueberry)			
Vaccinium macrocarpon		✓	
(American Cranberry)			
Sphagnum sp.		✓	
(Sphagnum)			
Betula lutea	✓		
(Yellow Birch)			

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Ecological Elements

Wetland Class
- Stream or Brookside wetland
- Open Fresh water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Deep Fresh Marsh
- Shrub Swamp
- ■ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ■ 1

Subclass Richness (Lateral Diversity)
- 10
- 9-8
- 7-6
- 5-4
- ■ 3-2
- 1

Vegetative Interspersion
- ■ High
- Moderate
- Low

Surrounding Habitat
- ■ 50% of 2 or more of listed types
- 50-90% of 1 or more; 10% of 1
- >90% of 1 or more of listed types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >75% Scattered
- ■ 100% Cover; 75% or >75% Peripheral

Percent Open Water
- ■ 0-30%
- 30-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ■ Medium
- High

Production of Wildlife Food Plants
- Low
- ■ Moderate
- High

Vegetative Density
- High
- ■ Moderate
- Low

Wetland Juxtaposition
- ■ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ■ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ■ Slight 0-2%
- Steep 2%

Surrounding Slopes
- Slight 0-2%
- ■ Steep 2%

Topographic Position in Watershed
- ■ Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- ■ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- ■ Absent
- High Permeability >4"
- Low Permeability

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- ■ Low <10,000 sq/day/ft
- Moderate 10,000 - 40,000 sq/day/ft
- High >40,000 sq/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ■ Condition 6

Hydrologic Connection
- ■ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- Large
- ■ Low
- Normal Pool

Groundwater Outflow
- ■ Absent
- Present

Inlet
- ■ Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Outlet
- ■ Absent
- Present, to wetland
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland
- Perennial
- Intermittent

Inlet
- ■ Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Size
- Large >4.6 acres
- ■ Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering
- Open water
  - <3%
  - 3%-66%
  - 67%-100%
- ■ Shrub swamp
- Wooded swamp
- Marsh
- Bog
- Beach
  - Under 2000 ft.
  - Under 2000 ft.
- Width of Lake
  - Small <1 ft.
  - Medium >1 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination
- Access to Public
- ■ Within Public Right of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- ■ Low (<1 person/acre)
- Medium (1-3 people/acre (400-1220/mi²))
- High (>3/acre (>1220/mi²))

Visual Diversity
- ■ Little to no visual similar type
- Not to close to no nearest similar type
- Close to no nearest similar type

Recreational Value or Potential
- ■ Low
- Moderate (family for part of year)
- Moderately Important (family)
- Economic Waste Commercial Interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F6
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
0.05	100	OTHER _____
0.05	100	TOTAL

Vegetation

	occ	com	dom
Salix sp.		✓	
(Willow)			
Rubus idaeus var. strigosus		✓	
(Red Raspberry)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Carex sp.		✓	
(Sedge)			
Pyrola sp.	✓		
(Shinleaf)			

Inventory

number F6

date 5/12/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Subclass
- [x] Stream or Drainage Wetland
- [ ] Flood Fringe Water
- [ ] Streamside Subclass
- [ ] Non-Streamside Subclass
- [ ] Flood Basin
- [ ] Dead Woody
- [ ] Shrub
- [ ] Sub-Shrub
- [ ] Emergent
- [ ] Narrow-Leaved
- [ ] Broad-Leaved
- [ ] Aquatic Fresh Marsh
- [ ] Emergent
- [ ] Broad-Leaved
- [ ] Narrow-Leaved
- [ ] Floating-Leaved
- [ ] Flood Plain/Flats
- [ ] Forested
- [ ] Shrubs and Trees
- [ ] Wooded
- [ ] Unvegetated
- [ ] Grazed
- [ ] Sub-Shrub
- [ ] Sapling
- [ ] Shrub
- [ ] Emergent
- [ ] Aquatic
- [ ] Open Water
- [ ] Intermittent
- [ ] Streamside

Size
- [ ] Large >8.5 acres
- [ ] Medium 3.5-8.5
- [x] Small <3 acres

Surficial Geologic Material
- [ ] of watershed
- [ ] Till
- [ ] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [ ] <33%
- [ ] 34-66%
- [x] 67-100%
- [ ] Does not border

Road Access
- [x] Yes
- [ ] No

Relief
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.
- [ ] Pit or Cave
- [ ] Rock 6 ft.
- [ ] Shallow <6 ft.

Ecological Elements

Dominant Wetland Class
- [x] Stream or Drainage Wetland
- [ ] Flood Fringe Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Seasonally Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [ ] Forested Swamp
- [ ] Bog
- [ ] Other

Class Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [ ] Moderate
- [x] Low

Surrounding Habitat
- [ ] 50% or more of listed types
- [ ] 50% or more, but less than 50% of 1 or more of listed types
- [ ] <50% of 1 or more of listed types

Cover Type
- [ ] 75-75% Scattered
- [ ] 25-75% Peripheral
- [ ] 75% or <25% Scattered
- [x] 100% Cover; 75% or <25% Peripheral

Percent Open Water
- [x] 0-33%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [x] Low
- [ ] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [ ] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [x] Moderate
- [ ] Low

Wetland Juxtaposition
- [x] Highly favorable
- [ ] Moderately favorable
- [ ] Unfavorable

Special Elements
- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [ ] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slope 0-2%
- [ ] Slope 2%

Surrounding Slopes
- [x] Slope 0-2%
- [ ] Slope 2%

Topographic Position in Watershed
- [ ] Upper
- [x] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [ ] Known Permeability
- [x] Low Permeability <4"

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Regional Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [x] Condition 4
- [ ] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Part of Riverine System
- [x] Part of Riverine System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Normal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [ ] Absent
- [x] Present, from wetland F-7
- [ ] Perennial
- [ ] Ephemeral very

Outlet
- [ ] Absent
- [x] Present, to wetland F-1
- [ ] Perennial
- [ ] Ephemeral very

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Social-economical Elements

Recreational Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [ ] 1 Dwelling/acre (2.5/ha)
- [ ] 0.5 - 1.0 d/a (1.25-2.5/ha)
- [ ] 2 d/a (5/ha)

Land Ownership
- [ ] Over 75% in nearest similar type
- [ ] 50 to 1500 ft to nearest similar type
- [x] Over 1500 ft to nearest similar type

Economic Value or Potential
- [x] None
- [ ] Supports family for part of year
- [ ] Supports family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-7
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
8.93	41.6	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
12.54	58.4	WOODED SWAMP
		BOG
		OTHER _____
21.47	100	TOTAL

vegetation

	occ	com	dom
Typha latifolia		✓	
(Cat-tail)			
Carex spp.			✓
(Sedge)			
Salix spp.		✓	
(Willow)			
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides	✓		
(Trembling Aspen)			
Picea mariana		✓	
(Black Spruce)			
Larix laricina	✓		
(Tamarack)			
Pinus strobus	✓		
(White Pine)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Sphagnum sp.		✓	
(Sphagnum)			

inventory

number F-7

date 5/12/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Subclasses
- Stream or Riverine Wetland
- Open Fresh Water
  - Permanently Flooded
  - Intermittently Flooded
- Deep Fresh Marsh
  - Persistent
  - Nonpersistent
  - Narrow-leaved
  - Broad-leaved
  - Floating-leaved
- Shallow Fresh Marsh
  - Persistent
  - Nonpersistent
  - Narrow-leaved
  - Broad-leaved
  - Floating-leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Unvegetated
  - Cropped
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Coniferous
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Riverine Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (lateral diversity)
- >10
- 7-9
- 4-6
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- <10% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 3
- >50% of 3 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; 75% or >25% Peripheral

Percent Open Water
- 0-30%
- 30-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- Low
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-3%
- Slope 3%

Surrounding Slopes
- Slope 0-3%
- Slope >3%

Topographic Position in Watershed
- Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability <4'

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- Low

- Normal Pool
- Groundwater Outflow
  - Absent
  - Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland F-6
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >6.6 acres
- Medium 1.1-6.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Percent Wetland Bordering Open Water
- >33%
- 34-66%
- 67-100%
- Does not border

Boat Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Color of Lake
- Clear <5 ft.
- Shallow <5 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- <1 dwelling/acre (<330/mi²)
- 1-3 p/a (330-1320/mi²)
- >3 p/a (>1320/mi²)

Local Security
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1001 ft to nearest similar type

Known Uses below or Potential
- None
- Seasonally Family for part of year
- Exclusively Seasonal Family
- Seasonal viable commercial harvest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F8
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.85	100	WOODED SWAMP
		BOG
		OTHER _____
0.85	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides	✓		
(Trembling Aspen)			
Ilex verticillata	✓		
(Winterberry)			
Salix sp.		✓	
(Willow)			
Rubus occidentalis		✓	
(Black Raspberry)			
Amelanchier laevis	✓		
(Shadbush)			
Onoclea sensibilis		✓	
(Sensitive Fern)			

inventory

number FB

date 5/12/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Drainage Wetland
- Deep Fresh Water
  - [ ] Treelined Subclass
  - [ ] Non Treelined Subclass
- Deep Fresh Marsh
  - [ ] Broad Woody
  - [ ] Shrub
  - [ ] Sum-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Flood Plain/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Bog
  - [ ] Unvegetated
  - [ ] Grazed
- Shrub Swamp
  - [ ] Scrubby
  - [ ] Sandy
  - [ ] Compact
  - [ ] Acoustic
- Wooded Swamp
  - [ ] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [ ] Stream or Drainage Wetland
- [ ] Deep Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [x] Wooded Swamp
- [ ] Bog
- [ ] Other

Wetland Class Richness
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [x] 2-3
- [ ] 1

Vegetative Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [x] >90% of 2 or more of Listed Types
- [ ] 50-90% of 1 or more; 10% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 25-75% Scattered
- [ ] 25-75% Peripheral
- [x] 75% or <25% Scattered
- [ ] 100% Cover; >75% or <25% Peripheral

Percent Open Water
- [x] 0-33%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Juxtaposition
- [ ] Highly Favorable
- [x] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- [ ] Semiclosed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-2%
- [ ] Steep >2%

Surrounding Slopes
- [x] Slight 0-2%
- [ ] Steep >2%

Topographic Position to Watershed
- [ ] Upper
- [ ] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [ ] High Permeability <2' muck
- [x] Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [x] Condition 6

Hydrologic Connection
- [x] Not Part of Riparian System
- [ ] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Normal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Size
- [ ] Large >4.5 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland bordering Open water
- [ ] <33%
- [ ] 34-66%
- [ ] 67-100%
- [x] Does not border

Legal Access
- [x] Yes
- [ ] No

Fetch
- [ ] Over 2200 ft.
- [ ] Under 2200 ft.

Depth of Lake
- [ ] Over 6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Portable Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 person/acre (<326/mi²)
- [ ] 0.5 - 1.5 p/a (435-1225/mi²)
- [ ] >1 p/a (>1225/mi²)

Local Scarcity
- [ ] 750 ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- [ ] 1001 ft to nearest similar type

Water Loss Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F9
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
7.52	100	WOODED SWAMP
		BOG
		OTHER _____
7.52	100	TOTAL

vegetation

	occ	com	dom
Betula lutea (Yellow Birch)	✓		
Acer rubrum (Red Maple)	✓		
Betula papyrifera (Paper Birch)	✓		
Populus tremuloides (Trembling Aspen)	✓		
Ulmus americana (American Elm)	✓		
Tsuga canadensis (Hemlock)		✓	
Abies balsamea (Balsam Fir)		✓	
Nemopanthus mucronata (Mountain Holly)		✓	
Calamagrostis canadensis (Blue-Joint Grass)		✓	
Picea mariana (Black Spruce)		✓	

inventory

number F9

date 5/13/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside wetland
- Open fresh water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Bog fresh marsh
  - Grass woody
  - Sphag
  - Low-Shrub
  - Robust
- Shallow fresh marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Unforested
  - Forested
- Shrub Swamp
  - Sapling
  - Bushy
  - Coniferous
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Coniferous-Dominant
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside wetland
- Open fresh water
- Bog fresh marsh
- Shallow fresh marsh
- Nearly Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Plant Class Richness
- 5
- 4
- 3
- 2
- 1

Shoreline Richness (lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >97% of 2 or more of Listed Types
- 50-90% of 2 or more; 90% of 1
- >50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >75% Scattered
- 100% Cover; >75% or >25% Peripheral

Percent Open Water
- 0-30%
- 30-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Succession
- Highly favorable
- Moderately favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep 2%

Surrounding Slopes
- Slight 0-2%
- Steep >2%

Topographic Position to Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Superficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Present Permeability < 4"
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table wetland
- Water Table/Artesian Wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Regional Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- Deep
- Low
- Thermal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland
- Perennial
- Intermittent

L. Sand Lake

Inlet
- Absent
- Present, from wetland 1-18
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >8.6 acres
- Medium 1.3-8.5
- Small <1 acre

Surficial Geologic Material
- of watershed
  - Till
  - Stratified Sand and gravel
  - Stratified fine sand and silt
  - Alluvium
- Percent Wetland Bordering
  - Open Water
    - <33%
    - 34-66%
    - 67-100%
    - Does not border
  - Travel Access
    - Yes
    - No
    - Site
    - Open (Boat ft.
    - Inlet (Boat ft.
  - Depth of Lake
    - Deep (_ ft.
    - Shallow <6 ft.

Social-economical Elements

Recreational Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- <1 per/acre (<326/mi²)
- 1-6.5 per/acre (326-1220/mi²)
- >6.5 per/acre (>1220/mi²)

Local Diversity
- Low: 11 to nearest similar type
- Medium: 201 to 1000 ft to nearest similar type
- High: 1000 ft to nearest similar type

Human Uses Value or Potential
- None
- Immediate family for part of year
- Immediately surrounds family
- Economic stable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-10
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
9.48	100	WOODED SWAMP
		BOG
		OTHER
9.48	100	TOTAL

vegetation

	occ	com	dom
Larix laricina			✓
(Tamarack)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Picea mariana		✓	
(Black Spruce)			
Calamagrostis canadensis	✓		
(Blue-Joint Grass)			

inventory

number F-10

date 5/12/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Successions
- Stream or Dimictic wetland
- Open fresh water
- Emergent Successional
- Non Emergent Successional
- Shallow fresh marsh
- Deep marsh
- Shrub
- Shrub-Swamp
- Forest
- Narrow-Leaved
- Broad-Leaved
- Shallow fresh marsh
- Forest
- Narrow-Leaved
- Broad-Leaved
- Flooding-Leaved
- Wet Flats/Flats
- Emergent
- Shrubs and Trees
- Meadow
- Unvegetated
- Grazed
- Shrub Swamp
- Sapling
- Bushy
- Coniferous
- Deciduous
- Evergreen-Dominant
- Shrub
- Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Dimictic wetland
- Open fresh water
- Deep fresh marsh
- Shallow fresh marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Succlass Richness (Lateral Diversity)
- 10
- 8-9
- 6-5
- 4-3
- 2
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >75 Scattered
- 100% Cover; 75% or >75% Peripheral

Permanent Open Water
- 0-35%
- 36-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep 2%

Surrounding Slopes
- Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability <4'
- Low Permeability

Hydrological Elements

Percolation Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Outflow Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- Tidal
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland F-11
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >8.6 acres
- Medium 1.1-8.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Surrounding Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Inlet <1 cfs
- Yes
- No

Outlet
- Flows year round
- Flows about 9 mo.
- Flows about 6 mo.
- Flows about 3 mo.
- Outlet of lake
- Flows >3 mi.
- Flows <3 mi.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- 1 Dwelling Unit (1/20/mi²)
- 2-5 Dwelling Units (40-100/mi²)
- >5 Dwelling Units (>100/mi²)

Local Density
- <50 ft to nearest similar type
- 50 to 1000 ft to nearest similar type
- >1000 ft to nearest similar type

Aesthetic Value (low value or potential)
- None
- Currently 1 family for part of year
- Currently supports 1 family
- Currently supports commercial fishery

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, to wetland L. Sand Lake
- Perennial
- Intermittent

Inlet
- Absent
- Present, to wetland
- Perennial
- Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-11
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
17.99	100	WOODED SWAMP
		BOG
		OTHER _____
17.99	100	TOTAL

	occ	com	dom
Picea mariana			✓
(Black Spruce)			
Larix laricina	✓		
(Tamarack)			
Abies balsamea		✓	
(Balsam Fir)			
Sparganium spp.		✓	
(Sparganium)			
Cornus canadensis	✓		
(Bunchberry)			
Thuja occidentalis		✓	
(Arbor Vitae)			
Linnaea borealis	✓		
(Twinflower)			
Kalmia angustifolia	✓		
(Sheep Laurel)			
Pinus strobus	✓		
(White Pine)			

number F-11

date 4/28/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Subclasses
- Stream or Organic Wetland
- Open Fresh Water
  - Unvegetated Subclass
  - Non-Vegetated Subclass
- Deep Fresh Marsh
  - Emergent
  - Shrub
    - Deciduous
    - Broad-Leaved
    - Needle-Leaved
    - Evergreen
  - Floating-Leaved
- Shallow Fresh Marsh
  - Emergent
  - Shrub
    - Deciduous
    - Broad-Leaved
    - Needle-Leaved
    - Evergreen
  - Floating-Leaved
- Tidal Fresh Marsh
  - Emergent
  - Shrub and Trees
- Bog
  - Meadow
    - Unvegetated
    - Grazed
  - Shrub
    - Sapling
    - Bushy
    - Compact
    - Dwarfed
  - Wooded
    - Deciduous
    - Evergreen
- Fen
  - Shrub
  - Wooded

Dominant Wetland Class
- Stream or Organic Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Tidal Fresh Marsh
- Bog
- Fen
- Other

Wetland Class Richness
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Productive Determination
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 2 or more; 90% of 1
- >50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; >75% or <25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Productive Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Productive Density
- High
- Moderate
- Low

Wetland Determination
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements
Topographic Configuration
- Closed Basin
- Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements
Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability >7' peat
- Low Permeability

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements
Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Vernal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland F10
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Trail Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements
Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity
- 250 ft to nearest similar type
- 251 to 1500 ft to nearest similar type
- 1500 ft to nearest similar type

Future Use Value or Potential
- None
- Supports 1 family for part of year (Exclusively supports 1 family)
- Supports viable commercial fishery

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F12
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
11.77	74.4	SHALLOW MARSH
3.44	21.7	DEEP MARSH
		SHRUB SWAMP
0.62	3.9	WOODED SWAMP
		BOG
		OTHER _____
15.83	100	TOTAL

	occ	com	dom
Scirpus spp.			✓
(Bulrush)			
Carex spp.		✓	
(Sedge)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Nymphaea odorata			✓
(White Pond Lily)			
Spiraea latifolia		✓	
(Meadowsweet)			

number F12

date 4/28/81

field investigator(s)

D. Magee

G. Hollands

water quality

wetland Subclasses
- Stream or Brookside wetland
- Open Fresh water
  - [x] Vegetated Subclass
  - [ ] Non Vegetated Subclass
- Deep Fresh Marsh
  - [ ] Broad-woody
  - [ ] Shrub
  - [ ] Sub-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [x] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Flood Plain/Flats
  - [ ] Emergent
  - [ ] Shrub and Trees
  - [ ] Meadow
  - [ ] Unvegetated
  - [ ] Grazed
- Shrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Dwarfed
  - [ ] Acoustic
- Wooded Swamp
  - [ ] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Present wetland Class
- [ ] Stream or Brookside wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [x] Shallow Fresh Marsh
- [ ] Seasonally Flooded Flood Plain
- [ ] Bog Meadow
- [ ] Shrub Swamp
- [ ] Wooded Swamp
- [ ] Open
- [ ] Other

Wetland Class Richness
- [ ] 4
- [ ] 3
- [x] 2
- [ ] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [x] 2-3
- [ ] 1

Vegetative Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [ ] >75% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 25-75% Scattered
- [ ] 25-75% Peripheral
- [x] 75% or <25% Scattered
- [ ] 100% Cover; >75% or <25% Peripheral

Percent Open Water
- [x] 0-30%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [x] Low
- [ ] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [x] High
- [ ] Moderate
- [ ] Low

Wetland Juxtaposition
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- [ ] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Wetland Gradient
- [x] Slight 0-3%
- [ ] Steep 3%

Surrounding Slopes
- [ ] Slight 0-3%
- [x] Steep >3%

Topographic Position in Watershed
- [x] Lower
- [ ] Intermediate
- [ ] Upper

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [x] High Permeability > 7' peat
- [ ] Low Permeability

Hydrological Elements

Hydrologic Position
- [x] Perched wetland
- [ ] Water Table wetland
- [ ] Water Table/Artesian wetland
- [ ] Artesian wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Sediment Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [x] Condition 6

Hydrologic Connection
- [x] Not Part of Riparian System
- [ ] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [ ] Low
- [x] Normal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland ___
  - [ ] Perennial
  - [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
  - [ ] Perennial
  - [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to wetland ___
  - [ ] Perennial
  - [ ] Intermittent

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
  - [ ] Perennial
  - [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from wetland ___
  - [ ] Perennial
  - [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
  - [ ] Perennial
  - [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
  - [ ] Perennial
  - [ ] Intermittent

Size
- [x] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [ ] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [x] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland Bordering Open water
- [x] <33%
- [ ] 34-66%
- [ ] 67-100%
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Relief
- [ ] Over 2000 ft.
- [x] Under 2000 ft.

Depth of Lake
- [ ] Over 16 ft.
- [x] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [x] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 Person/acre (<320/mi²)
- [ ] 0.5 - 1.5 p/a (640-1280/mi²)
- [ ] 2 p/a (1280/mi²)

Local Scarcity
- [x] 500 ft to nearest similar type
- [ ] 501 to 1000 ft to nearest similar type
- [ ] 1000 ft to nearest similar type

Human Use (also Value or Potential)
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Exclusively supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 44S

WETLAND NUMBER F-13

FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.15	100	WOODED SWAMP
		BOG
		OTHER _____
1.15	100	TOTAL

vegetation

	occ	com	dom
Thuja occidentalis		✓	
(Arbor Vitae)			
Picea mariana		✓	
(Black Spruce)			
Abies balsamea		✓	
(Balsam Fir)			
Sphagnum sp.		✓	
(Sphagnum)			
Kalmia angustifolia		✓	
(Sheep Laurel)			
Osmunda cinnamomea	✓		
(Cinnamon Fern)			

inventory

number F-13

date 4/28/81

field investigator(s)

D. Magee, G. Hollands

water quality

wetland Subclasses
- Stream or Impounding Wetland
- Open Fresh Water
  - Permanent
  - Intermittent
  - Non-Persistent Emergent
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Tidal Flats/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
    - Unmarsed
    - Grazed
  - Shrub Swamp
    - Scrub
    - Bushy
    - Compact
    - Aquatic
  - Wooded Swamp
    - Deciduous
    - Evergreen
- Fen
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Impounding Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Scarcely Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- Wooded Swamp
- Fen
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or 25% Scattered
- 100% Cover; 75% or 25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability 4' peat
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Tidal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>2.0/km²)
- 0.5 - 1.0 per acre (1235-2470/km²)
- 2 per 1 (1220/km²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Human Uses Actual or Potential
- None
- Supports 1 family for part of year
- Partially supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER F-15

FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
11.17	32.8	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
22.92	67.2	WOODED SWAMP
		BOG
		OTHER _____
34.09	100	TOTAL

Vegetation

	occ	com	dom
Populus balsamifera		✓	
(Balsam Poplar)			
Betula papyrifera	✓		
(Paper Birch)			
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Corylus cornuta		✓	
(Beaked Hazel)			
Quercus muehlenbergii		✓	
(Bur Oak)			
Ilex verticillata		✓	
(Winterberry)			
Carex rostrata		✓	
(Sedge)			
Typha latifolia		✓	
(Cat-tail)			
Alnus rugosa	✓		
(Speckled Alder)			
Tsuga canadensis	✓		
(Hemlock)			
Abies balsamea	✓		
(Balsam Fir)			
Thuja occidentalis	✓		
(Arbor Vitae)			

Inventory

number F-15

date 4/28/81

field investigator(s)

D. Magee, C. Hollands

water quality

wetland Subclasses
- Stream or Organic wetland
- Open Fresh Water
  - ☒ Unvegetated Subclass
  - ☐ Non-Vegetated Subclass
- Deep Fresh Marsh
  - ☐ Emergent
  - ☐ Shrub
  - ☐ Sub-Shrub
  - ☐ Meadow
- Shallow Fresh Marsh
  - ☐ Emergent
  - ☐ Shrub
  - ☐ Sub-Shrub
  - ☐ Meadow
- Deep Wooded
- Shrub
- Sub-Shrub
- Meadow
- Narrow-Leaved
- Broad-Leaved
- Shallow Fresh Marsh
  - ☐ Emergent
  - ☐ Shrub and Trees
  - ☐ Meadow
  - ☐ Unvegetated
  - ☐ Grazed
- Shrub Swamp
  - ☐ Sapling
  - ☐ Bushy
  - ☐ Dominant
  - ☐ Aquatic
- Wooded Swamp
  - ☐ Deciduous
  - ☐ Evergreen
- Bog
  - ☐ Shrub
  - ☐ Wooded

Ecological Elements

Dominant Wetland Class
- ☐ Stream or Organic wetland
- ☐ Open Fresh Water
- ☐ Deep Fresh Marsh
- ☐ Shallow Fresh Marsh
- ☐ Yearly Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☐ Wooded Swamp
- ☐ Bog
- ☐ Other

Wetland Class Richness
- ☐ 4
- ☐ 3
- ☒ 2
- ☐ 1

Subclass Richness (Lateral Diversity)
- ☐ >10
- ☐ 8-9
- ☐ 4-5
- ☒ 2-3
- ☐ 1

Vegetative Interspersion
- ☒ High
- ☐ Moderate
- ☐ Low

Surrounding Habitat
- ☐ >75% of 2 or more of Listed Types
- ☐ 50-75% of 1 or more; <50% of 1
- ☐ <50% of 1 or more of Listed Types

Cover Type
- ☒ 25-75% Scattered
- ☐ 25-75% Peripheral
- ☐ <25 or >75% Scattered
- ☐ 100% Cover; <75% or >25% Peripheral

Percent Open Water
- ☐ 0-35%
- ☐ 36-64%
- ☐ 65-95%
- ☒ 96-100%

Vegetative Species Richness
- ☐ Low
- ☐ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☐ Low
- ☒ Moderate
- ☐ High

Vegetative Density
- ☐ High
- ☒ Moderate
- ☐ Low

Wetland Juxtaposition
- ☒ Highly Favorable
- ☐ Moderately Favorable
- ☐ Unfavorable

Special Elements

- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other

Topographical Elements

Topographic Configuration
- ☐ Flood Basin
- ☐ Semi-closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slope 0-3%
- ☐ Steep >3%

Surrounding Slopes
- ☒ Slope 0-3%
- ☐ Steep >3%

Topographic Position to Watershed
- ☐ Lower
- ☒ Intermediate
- ☐ Upper

Geological Elements

Surficial Material
- ☐ Till
- ☒ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☒ High Permeability
- ☐ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched wetland
- ☐ Water Table wetland
- ☐ Water Interpenetration wetland
- ☐ Artesian wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Wetland Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☐ Condition 5
- ☐ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- ☐ Part of Riparian System

Water Level Fluctuation
- ☐ Large
- ☒ Low
- ☐ Vernal Pool

Groundwater Outflow
- ☒ Absent
- ☐ Present

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☒ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☒ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- ☒ Large >4.6 acres
- ☐ Medium 1.1-4.5
- ☐ Small <1 acre

Surficial Geologic Material of watershed
- ☐ Till
- ☒ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland bordering open water
- ☐ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☒ Does not border

Trail Access
- ☒ Yes
- ☐ No

Slope
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Over 15 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☐ Connected to a Small Stream
- ☐ Connected to a River
- ☐ Connected to a Lake
- ☐ Connected to a Combination

Access to Public
- ☒ Within 100 ft of Road
- ☐ Access by Passable Waterway
- ☐ Isolated

Surrounding Population Density
- ☐ >1 Person/acre (>2/ha)
- ☐ 0.1 - 1.0 Per (0.2-2/ha)
- ☒ <0.1 Per (<0.2/ha)

Local Diversity
- ☐ 250 ft to nearest similar type
- ☒ 251 to 1000 ft to nearest similar type
- ☐ 1000 ft to nearest similar type

Water Use Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Supports 1 family
- ☐ Supports viable commercial fishery

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F16
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.9	10	WOODED SWAMP
7.9	90	BOG
		OTHER _____
8.8		TOTAL

	occ	com	dom
Chamaedaphne calyculata			✓
(Leatherleaf)			
Andromeda glaucophylla	✓		
(Bog rosemary)			
Vaccinium macrocarpon		✓	
(American Cranberry)			
Sarracenia purpurea	✓		
(Pitcher Plant)			
Sphagnum sp.		✓	
(Sphagnum)			
Picea mariana		✓	
(Black Spruce)			
Kalmia angustifolia		✓	
(Sheep Laurel)			
Larix laricina		✓	
(Tamarack)			

number F-16

date

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Subclass
- Stream or Brookside Wetland
- Open Fresh Water
  - Unvegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Fresh Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Unmowed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Dominant
  - Acoustic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub - Dominant
  - Wooded

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Fresh Plain/Flats
- Bog
- Other

Wetland Class Richness
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vertical Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >75% of 2 or more of Listed Types
- 50-90% of 3 or more; 90% of 2
- >50% of 1 or more of Listed Types

Cover Type
- 76-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; 75% or >25% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Interspersion
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Steep 6-3%
- Slope -3%

Surrounding Slopes
- Steep 6-3%
- Slope -3%

Topographic Position on Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Regional Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- Large
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >5.0 acres
- Medium 1.1-4.9
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Present Wetland Buffering Open water
- 33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 30 ft.
- Shallow <3 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 1000 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- 1 Person/acre (>320/sq mi)
- (0.5 - 1.0 per acre (160-320/sq mi))
- 2 per (<320/sq mi)

Land Ownership
- 20% ft to nearest similar type
- 1201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Use Value or Potential
- None
- Seasonal 1 family for part of year
- Primarily summer 1 family
- Supports visible commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F17
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.87	100	WOODED SWAMP
		BOG
		OTHER
1.87	100	TOTAL

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Betula lutea (Yellow Birch)	✓		
Populus tremuloides (Trembling Aspen)		✓	
Fraxinus americana (American Ash)		✓	
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Coptis groenlandica (Canker-root)	✓		
Sphagnum sp. (Sphagnum)		✓	
Tsuga canadensis (Hemlock)	✓		
Picea mariana (Black Spruce)		✓	
Abies balsamea (Balsam Fir)		✓	

number F17

date 4/28/81

field investigator(s)

D. Magee

G. Hollands

water quality

wetland Subclasses
- Stream or Shoreline wetland
- Open Fresh Water
  - Permanent Inclusion
  - Non-Permanent Inclusion
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Meadow
  - Emergent
  - Grassy
- Shrub Swamp
  - Sapling
  - Bushy
  - Coniferous
  - Acuatic
- Wooded Swamp
  - Deciduous
  - Coniferous
- Bog
  - Shrub
  - Wooded

Dominant Wetland Class
- Stream or Shoreline wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 2 or more; 90% of 1
- >50% of 3 or more of Listed Types

Cover Type
- 75-75% Scattered
- 25-75% Peripheral
- 75% or <25% Scattered
- 100% Covers; <75% or <75% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Wetland Gradients
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant hydrologic type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- Low
- Vernal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.0 acres
- Medium 1.1-4.0
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- Does not Border

Road Access
- Yes
- No

Inlet
- Over 2500 ft.
- Under 2500 ft.

Outlet
- Over 2500 ft.
- Under 2500 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination
- Access to Public
- Access by Passable waterway
- Isolated

Surrounding Population Density
- <1 person/acre (<2/0 acre)
- 1-5 = 1.9 acre (2-5/0 acre)
- >2 acre (>5/0 acre)

Local Scarcity
- 25% ft is nearest similar type
- 25% to 1000 ft is nearest similar type
- >1000 ft is nearest similar type

Human Use Value or Potential
- None
- Suitable 1 family for part of year
- Suitable 1 family
- Suitable viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F18
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
28.56	49.8	WOODED SWAMP
28.77	50.2	BOG
		OTHER _____
57.33	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides		✓	
(Trembling Aspen)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Betula lutea	✓		
(Yellow Birch)			
Thuja occidentalis			✓
(Arbor Vitae)			
Alnus rugosa		✓	
(Speckled Alder)			
Nemopanthus mucronata	✓		
(Mountain Holly)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Kalmia polifolia	✓		
(Bog Laurel)			
Picea mariana		✓	
(Black Spruce)			
Larix laricina	✓		
(Tamarack)			
Sphagnum sp.		✓	
(Sphagnum)			

inventory

number F18

date 5/12/81

field investigator(s)

D. Maree

G. Hollands

water quality

Wetland Successes
- Stream or Brookside Wetland
- Open Fresh Water
  - Permitted Successes
  - Non-permitted Successes
- Bog Fresh Marsh
  - Emergent
  - Shrub
    - Deciduous
    - Evergreen—Dominant
  - Wooded
- Shallow Fresh Marsh
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Emergent
  - Grazed
- Shrub Swamp
  - Sapling
  - Shrub
  - Emergent
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen—Dominant
- Bog
  - Shrub
  - Wooded

Ecological Elements

Permanent Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Successional Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- 4-5
- 2-3
- 1

Successional Intersperson
- High
- Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or +25% Scattered
- 100% Cover; +75% or +25% Peripheral

Percent Open Water
- 0-30%
- 31-66%
- 67-95%
- 96-100%

Successional Species Richness
- Low
- Medium
- High

Interspersion of Wildlife Food Plants
- Low
- Moderate
- Dream

Successional Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Elevated Basin
- Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep +2%

Surrounding Slopes
- Slight 0-2%
- Steep +2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Peat
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Parent Material
- Absent
- Mean Permeability > 4"
- Low Permeability

Hydrological Elements

Groundwater Position
- Perched wetland
- Water table wetland
- Water table/artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Great Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland F-29
- Perennial
- Intermittent

Level
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Peat
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering
- Open water
  - 0-30%
  - 31-66%
  - 67-100%
- Road not border

Road Access
- Yes
- No

Slope
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 15 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- (1 Person/acre (+2/Street)
- 0.5 - 1.0 acre (+250-1220/mi²)
- 2 a/a (-1220/mi²)

Land Ownership
- 200 ft to nearest similar type
- 201 to 1500 ft to nearest similar type
- 1500 ft to nearest similar type

Water Use (Use Value or Potential)
- Low
- Supports 1 family for part of year
- Exclusively supports 1 family
- Supports viable commercial business

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-19
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
9.08	100	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
9.08	100	TOTAL

	occ	com	dom
Typha latifolia			✓
(Cat-tail)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Nymphaea odorata	✓		
(Pond Lily)			

number F-19

date 5/12/81

field investigator(s)

D. Magee, G. Hollands

water quality

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- [x] Large >4.0 acres
- [ ] Medium 1.1-4.0
- [ ] Small <1 acre

Surficial Geologic Material of wetland
- [ ] Till
- [x] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Present wetland Boundary (per Water
- [x] >33%
- [ ] 34-66%
- [ ] 67-100%
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Relief
- [x] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [x] Shallow <6 ft.

Social-economical Elements

Accessibility Connection
- [ ] Connection to a Small Stream
- [ ] Connection to a River
- [x] Connection to a Lake
- [ ] Connection to a Combination

Visit by Public
- [ ] Within 1320 ft of Road
- [x] Access by Passable Waterway
- [ ] Inclosed

Surrounding Population Density
- [ ] 1 Person/acre (>2/km²)
- [x] 1 p/5 - 1.0 acre (430-1720/km²)
- [ ] 2 p/5 (<1720/km²)

Local Scarcity
- [ ] 330 ft to nearest similar type
- [x] 331 to 1000 ft to nearest similar type
- [ ] 1001 ft to nearest similar type

Other Easy Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Supports 1 family
- [ ] Supports viable commercial interest

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [ ] Absent
- [x] Present, to wetland F-18
- [ ] Perennial
- [ ] Intermittent

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Intermittent

Deep Hole Lake

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER F21

FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
1.36	96.5	SHALLOW MARSH
		DEEP MARSH
0.05	3.5	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER
1.41	100	TOTAL

Vegetation

	occ	com	dom
Carex sp.			✓
(Sedge)			
Scirpus cyperinus	✓		
(Wool-grass)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Acer rubrum	✓		
(Red Maple)			
Ilex verticillata	✓		
(Winterberry)			

Inventory

number F21

date 5/2/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - ☐ Vegetated Subclass
  - ☐ Non Vegetated Subclass
- Deep Fresh Marsh
  - ☐ Dead Woody
  - ☐ Shrub
  - ☐ Sub-Shrub
  - ☐ Robust
  - ☐ Narrow-Leaved
  - ☐ Broad-Leaved
- Shallow Fresh Marsh
  - ☐ Robust
  - ☒ Narrow-Leaved
  - ☐ Broad-Leaved
  - ☐ Floating-Leaved
- Flood Plain/Flats
  - ☐ Emergent
  - ☐ Shrubs and Trees
- Wet Meadow
  - ☐ Ungrazed
  - ☐ Grazed
- Shrub Swamp
  - ☐ Sapling
  - ☐ Bushy
  - ☒ Compact
  - ☐ Aquatic
- Wooded Swamp
  - ☐ Deciduous
  - ☐ Evergreen
- Bog
  - ☐ Shrub
  - ☐ Wooded

Ecological Elements

Dominant Wetland Class
- ☐ Stream or Brookside Wetland
- ☐ Open Fresh Water
- ☐ Open Fresh Marsh
- ☒ Shallow Fresh Marsh
- ☐ Yearly Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☐ Wooded Swamp
- ☐ Bog
- ☐ Other _____

Wetland Class Richness
- ☐ -5
- ☐ 4
- ☐ 3
- ☒ 2
- ☐ 1

Subclass Richness (Lateral Diversity)
- ☐ -10
- ☐ 6-9
- ☐ 4-5
- ☒ 2-3
- ☐ 1

Vegetative Interspersion
- ☐ High
- ☒ Moderate
- ☐ Low

Surrounding Habitat
- ☒ -90% of 2 or more of Listed Types
- ☐ 50-90% of 1 or more; 90% of 1
- ☐ <50% of 1 or more of Listed Types

Cover Type
- ☐ 26-75% Scattered
- ☐ 26-75% Peripheral
- ☐ 75% or <25 Scattered
- ☒ 100% Cover; >75% or <25% Peripheral

Percent Open Water
- ☒ 0-30%
- ☐ 34-66%
- ☐ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ☒ Low
- ☐ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☐ Low
- ☒ Moderate
- ☐ High

Vegetative Density
- ☒ High
- ☐ Moderate
- ☐ Low

Wetland Juxtaposition
- ☒ Highly Favorable
- ☐ Moderately Favorable
- ☐ Unfavorable

Special Elements

- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other _____

Topographical Elements

Topographic Configuration
- ☐ Closed Basin
- ☒ Semi-closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-3%
- ☐ Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- ☐ Steep >3%

Topographic Position in Watershed
- ☐ Upper
- ☒ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☒ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☐ High Permeability < 3'
- ☒ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- ☐ Water Table Wetland
- ☐ Water Table/Artesian Wetland
- ☐ Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Dominant Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☒ Condition 5
- ☐ Condition 6

Hydrologic Connection
- ☐ Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- ☐ High
- ☒ Low
- ☐ Vernal Pool

Groundwater Outflow
- ☒ Absent
- ☐ Present

Inlet
- ☐ Absent
- ☒ Present, from wetland F-22
- ☐ Perennial
- ☒ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Deep Hole Lake

Size
- ☐ Large >4.6 acres
- ☒ Medium 1.1-4.5
- ☐ Small <1 acre

Surficial Geologic Material of watershed
- ☐ Till
- ☒ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland Bordering Open water
- ☒ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☐ Does not border

Legal Access
- ☐ Yes
- ☒ No

Fetch
- ☒ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☒ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☐ Connected to a Small Stream
- ☐ Connected to a River
- ☐ Connected to a Lake
- ☒ Connected to a Combination

Access to Public
- ☒ within 100 ft of Road
- ☐ Access by Passable Waterway
- ☐ Isolated

Surrounding Population Density
- ☒ >1 Person/acre (>320/mi²)
- ☐ 0.5 - 1.9 p/a (430-1220/mi²)
- ☐ 2 p/a (1220/mi²)

Local Scarcity
- ☐ 200 ft to nearest similar type
- ☐ 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Completely supports 1 family
- ☐ Supports viable commercial interest

Unusual, rare, or endangered vegetation

	unus	rare	end

Unusual, rare, or endangered fauna

	unus	rare	end

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F22
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
2.02	100	WOODED SWAMP
		BOG
		OTHER _____
2.02	100	TOTAL

Vegetation

	bcc	com	dom
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides		✓	
(Trembling Aspen)			
Betula papyrifera	✓		
(Paper Birch)			
Salix sp.	✓		
(Willow)			
Ribes sp.	✓		
(Gooseberry)			
Betula lutea	✓		
(Yellow Birch)			

Inventory

number F22

date 5/2/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Deep Fresh Marsh
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ☒ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- High
- Moderate
- ☒ Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- ☒ 100% Cover; >75% or <25% Peripheral

Percent Open Water
- ☒ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ☒ Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- High
- Moderate
- ☒ Low

Wetland Juxtaposition
- Highly Favorable
- ☒ Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ☒ Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- ☒ Steep >3%

Topographic Position in Watershed
- Upper
- ☒ Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- ☒ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ☒ High Permeability >7'
- Low Permeability

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ☒ Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- Absent
- ☒ Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- ☒ Present, to wetland F-4
- Perennial
- ☒ Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- Large >4.6 acres
- ☒ Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- ☒ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☒ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ☒ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ☒ >1 Dwelling/acre (>320/mi²)
- 0.5 - 1.0 d/a (430-1220/mi²)
- 2 d/a (1220/mi²)

Local Scarcity
- 700 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Known Rep Value or Potential
- ☒ None
- Supports 1 family for part of year
- Supports 1 family
- Supports visible commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-23
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
4.69	100	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
4.69	100	TOTAL

vegetation

	occ	com	dom
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Ilex verticillata	✓		
(Winterberry)			
Typha latifolia		✓	
(Cat-tail)			
Calamagrostis canadensis			✓
(Blue-Joint Grass)			
Scirpus cyperinus		✓	
(Wool-grass)			
Spiraea tomentosa	✓		
(Steeplebush)			
Acer rubrum	✓		
(Red Maple)			
Salix sp.	✓		
(Willow)			
Glyceria canadensis		✓	
(Manna Grass)			

inventory

number F-23

date 5/2/81

field investigator(s)

D. Magee, G. Hollands

water quality

wetland Succession
- Stream or Brookside Wetland
- Open Fresh Water
  - Unvegetated Shallows
  - Non Vegetated Shallows
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Shrub-Shrub
  - Deciduous
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Deciduous
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Open Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Emergent
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Coniferous
  - Acoustic
- Wooded Swamp
  - Deciduous
  - Coniferous
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside wetland
- Open Fresh water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Deeply Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Succlass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 2
- >50% of 3 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Covers; 75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep 3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Present, Permeability < 5"
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- Low >10,000 gal/day/ft
- Moderate 10,000 - 45,000 gal/day/ft
- High >45,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland E-24
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland Deep Hole
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland Lake
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open water
- >33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Price
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 acre (160-320/mi²)
- 2 acre (<320/mi²)

Local Diversity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Water Crop Value or Potential
- None
- Supports 1 family for part of year
- Supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F24
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
0.05	100	OTHER Streamside Wetland
0.05	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Allium tricoccum		✓	
(Wild Leek)			
Corylus cornuta		✓	
(Beaked Hazel)			
Impatiens capensis		✓	
(Jewelweed)			
Dicentra cucullaria		✓	
(Dutchmans Britches)			

inventory

number F24

date 5/2/81

field investigator(s)

D. Magee

C. Hollands

water quality

wetland Subclasses
- [x] Stream or Brookside Wetland
- Open Fresh Water
  - [ ] Permanent Subclass
  - [ ] Non Permanent Subclass
- Deep Fresh Marsh
  - [ ] Reed Woody
  - [ ] Shrub
  - [ ] Non-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Fluid Plain/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Bog
  - [ ] Forest
  - [ ] Unwooded
  - [ ] Grazed
- Shrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Connect
  - [ ] Aquatic
- Wooded Swamp
  - [ ] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [x] Stream or Brookside Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Fluid Plain/Flats
- [ ] Bog
- [ ] Shrub Swamp
- [ ] Wooded Swamp
- [ ] Bog
- [ ] Other

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] 10
- [ ] 8-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Transitional Interspersion
- [ ] High
- [ ] Moderate
- [x] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [x] 26-75% Peripheral
- [ ] 75% or >75% Scattered
- [ ] 100% Cover; 75% or >75% Peripheral

Percent Open Water
- [ ] 0-30%
- [x] 34-66%
- [ ] 67-99%
- [ ] 99-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [x] Moderate
- [ ] Low

Wetland Juxtaposition
- [ ] Highly Favorable
- [x] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [x] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-3%
- [ ] Steep 3%

Surrounding Slopes
- [x] Slight 0-3%
- [ ] Steep 3%

Topographic Position in Watershed
- [ ] Lower
- [ ] Intermediate
- [x] Upper

Geological Elements

Superficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [ ] Mean Permeability < 2"
- [x] Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table wetland
- [ ] Water Table/Artesian wetland
- [ ] Artesian wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [x] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [x] High
- [ ] Low
- [ ] Normal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland F-25
- [ ] Perennial
- [x] Ephemeral

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [x] Absent
- [ ] Present, to wetland F-23
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [x] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Size
- [ ] Large >8.6 acres
- [ ] Medium 2.1-8.5
- [x] Small <2 acres

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland bordering
- Open water
  - [x] <33%
  - [ ] 34-66%
  - [ ] 67-100%
  - [ ] Does not border
- Road Access
  - [ ] Yes
  - [x] No
- Relief
  - [ ] Over 2000 ft.
  - [ ] Under 2000 ft.
- Depth of Lake
  - [ ] Over 6 ft.
  - [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [x] within 100 ft of Road
- [ ] Access by Passable Waterway
- [ ] Isolated

Surrounding Population Density
- [x] <1 Person/acre (<320/mi²)
- [ ] 1-2 Persons/acre (320-640/mi²)
- [ ] 2 p/a (>1280/mi²)

Local Scarcity
- [ ] 250 ft to nearest similar type
- [x] 251 to 1000 ft to nearest similar type
- [ ] 1001 ft to nearest similar type

Human Use Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-25
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
3.53	100	WOODED SWAMP
		BOG
		OTHER _____
3.53	100	TOTAL

Vegetation

Inventory

number F-25

date 5/1/81

field investigator(s)

D. Maree, C. Hollands

water quality

	occ	com	dom
Ulmus americana (American Elm)		✓	
Populus balsamifera (Balsam Poplar)		✓	
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Abies balsamea (Balsam Fir)	✓		
Acer Spicatum (Mountain Maple)	✓		
A. rubrum (Red Maple)	✓		
Chrysosplenium americanum (Golden Saxifrage)	✓		
Thuja occidentalis (Arbor Vitae)	✓		
Picea mariana (Black Spruce)		✓	

Wetland Subclasses
- Stream or Shoreside Wetland
- Open Fresh Water
  - Permanent Flooded
  - Intermittently Flooded
  - Non Persistent Emergent
- Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
    - Ungrazed
    - Grazed
- Shrub Swamp
  - Scalling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ☒ Deciduous - Dominant
  - ☒ Evergreen
- Bog
  - Shrub
  - Wooded

Dominant Wetland Class
- Stream or Shoreside Wetland
- Open Fresh Water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Tidal Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- ☒ 4-5
- 2-3
- 1

Vegetative Interspersion
- ☐ High
- ☒ Moderate
- ☐ Low

Surrounding Habitat
- ☐ >95% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- ☐ <50% of 1 or more of Listed Types

Cover Type
- ☐ 26-75% Scattered
- ☐ 26-75% Peripheral
- ☐ 25% or <25% Scattered
- ☒ 100% Cover; >75% or <25% Peripheral

Percent Open water
- ☒ 0-25%
- ☐ 26-66%
- ☐ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ☐ Low
- ☒ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☐ Low
- ☒ Moderate
- ☐ High

Vegetative Density
- ☒ High
- ☐ Moderate
- ☐ Low

Wetland Juxtaposition
- ☐ Highly Favorable
- ☒ Moderately Favorable
- ☐ Unfavorable

Special Elements
- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other

Topographical Elements

Topographic Configuration
- ☐ Closed Basin
- ☒ Semi-closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-2%
- ☐ Steep 2%

Surrounding Slopes
- ☒ Slight 0-3%
- ☐ Steep >3%

Topographic Position in Watershed
- ☐ Upper
- ☒ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☒ Till
- ☐ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☒ Absent
- ☐ Mineral permeability <4"
- ☐ Low Permeability

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- ☐ Perched wetland
- ☒ Water Table wetland
- ☐ Water Table/Artesian wetland
- ☐ Artesian wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Seasonal Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☒ Condition 5
- ☐ Condition 6

Hydrologic Connection
- ☐ Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- ☐ High
- ☒ Low
- ☐ Normal Pool

Groundwater Outflow
- ☒ Absent
- ☐ Present

Inlet
- ☐ Absent
- ☐ Present, from wetland F-26
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Size
- ☐ Large >4.6 acres
- ☒ Medium 1.1-4.5
- ☐ Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- ☐ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland Bordering Open water
- ☐ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☒ Does not border

Road Access
- ☐ Yes
- ☒ No

Inlet
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☒ Connection to a Small Stream
- ☐ Connection to a River
- ☐ Connection to a Lake
- ☐ Connection to a Combination

Access to Public
- ☒ within 100 ft of Road
- ☐ Access by Possible Waterway
- ☐ Isolated

Surrounding Population Density
- ☒ >1 household/acre (>320/mi²)
- ☐ 0.5 - 1.5 are (430-1220/mi²)
- ☐ 2 are (<1220/mi²)

Local Scarcity
- ☐ 250 ft to nearest similar type
- ☐ 251 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Human Use Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Exclusively supports 1 family
- ☐ Supports viable commercial interest

Inlet
- ☐ Absent
- ☐ Present, from wetland
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland
- ☐ Perennial
- ☐ Ephemeral

Outlet
- ☐ Absent
- ☒ Present, to wetland F-24
- ☐ Perennial
- ☐ Ephemeral

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F26
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
0.05	100	OTHER Streamside Wetland
0.05	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Tilia americana	✓		
(Basswood)			
Dicentra cucullaria		✓	
(Dutchmans Britches)			
Claytonia virginiana		✓	
(Spring Beauty)			
Allium tricoccum		✓	
(Wild Leek)			
Sanguinaria canadensis	✓		
(Bloodroot)			
Acer saccharum	✓		
(Sugar Maple)			

number F26

date 5/1/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Subclasses
- [x] Stream or Depression wetland
- Deep Fresh Water
  - [ ] Permanently Inundated Subclass
  - [ ] Non-permanently Inundated Subclass
- Deep Fresh Marsh
  - [ ] Dead woody
  - [ ] Shrub
  - [ ] Shrub-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Tidal Flats/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Bog
  - [ ] Meadow
  - [ ] Unvegetated
  - [ ] Grazed
- Scrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Coniferous
  - [ ] Aquatic
- Wooded Swamp
  - [ ] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Dominant Wetland Class
- [x] Stream or Depression wetland
- [ ] Open Fresh water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Scarcely Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [ ] Wooded Swamp
- [ ] Bog
- [ ] Other

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [ ] Moderate
- [x] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [ ] 26-75% Peripheral
- [ ] 75% or >25% Scattered
- [x] 100% Cover; >75% or >25% Peripheral

Percent Open Water
- [x] 0-33%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [x] Low
- [ ] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Juxtaposition
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements
- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [ ] Semi-closed Basin
- [x] Valley
- [ ] Millsite

Wetland Gradient
- [ ] Slight 0-2%
- [x] Steep >2%

Surrounding Slopes
- [ ] Slight 0-2%
- [x] Steep 2%

Topographic Position in Watershed
- [ ] Upper
- [x] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [x] Till
- [ ] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [x] Absent
- [ ] Mod Permeability
- [ ] Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- [x] Perched wetland
- [ ] Water Table wetland
- [ ] Water Table/Artesian wetland
- [ ] Artesian wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [x] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [x] High
- [ ] Low
- [ ] Vernal Pool

Groundwater Outflow
- [ ] Absent
- [x] Present

Inlet
- [ ] Absent
- [x] Present, from wetland F-27
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Size
- [ ] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Thickness of wetland boundary
- [ ] >30'
- [x] 30'
- [ ] 34-66'
- [ ] 67-100'
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Relief
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Private 100 ft of Road
- [ ] Access by Possible Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 Person/acre (<2/km²)
- [ ] 1.0 - 1.9 p/a (430-1220/km²)
- [ ] 2 p/a (1220/km²)

Land Scarcity
- [ ] <200 ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- [ ] >1000 ft to nearest similar type

Human Use Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-27
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
2.12	50.7	SHRUB SWAMP
2.06	49.3	WOODED SWAMP
		BOG
		OTHER _____
4.18	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana			✓
(American Elm)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Abies balsamea	✓		
(Balsam Fir)			
Allium tricoccum		✓	
(Wild Leek)			
Dicentra cucullaria		✓	
(Dutchmans Britches)			
Betula papyrifera	✓		
(Paper Birch)			
Impatiens capensis	✓		
(Jewelweed)			
Populus tremuloides	✓		
(Trembling Aspen)			

inventory

number F-27

date 5/1/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside wetland
- Open Fresh Water
  - Permanently Inundated Subclass
  - Non Permanently Inundated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Emergent
  - Submergent
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant wetland Class
- Stream or Brookside wetland
- Open Fresh water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 8-9
- 6-5
- 4-3
- 2
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >95% of 2 or more of Listed Types
- 50-95% of 1 or more; 95% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; >75% or >25% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements
Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements
Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Present Permeability < 4"
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements
Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland F-26
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland F-26
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- Large >4.5 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering
- Open water
  - >33%
  - 34-66%
  - 67-100%
- Does not border

Road Access
- Yes
- No

Depth
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements
Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 Person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Uses Below or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-28
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
11.10	17.0	WOODED SWAMP
54.06	83.0	BOG
		OTHER _____
65.16	100	TOTAL

	occ	com	dom
Populus tremuloides		✓	
(Trembling Aspen)			
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Ilex verticillata	✓		
(Winterberry)			
Betula papyrifera	✓		
(Paper Birch)			
Picea rubens	✓		
(Red Spruce)			
Larix laricina		✓	
(Tamarack)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Kalmia polifolia		✓	
(Bog Laurel)			
Sarracenia Purpurea	✓		
(Pitcher Plant)			
Vaccinium macrocarpon	✓		
(American Cranberry)			
Sphagnum sp.		✓	
(Sphagnum)			
Andromeda glaucophylla	✓		
(Bog Rosemary)			

number F-28

date 5/1/81

field investigator(s)

D. Magee, G. Hollands

water quality

Stream or Brookside Wetland
Open Fresh Water
- [ ] Vegetated Subclass
- [ ] Non Vegetated Subclass

Deep Fresh Marsh
- [ ] Dead Woody
- [ ] Shrub
- [ ] Sub-Shrub
- [ ] Robust
- [ ] Narrow-Leaved
- [ ] Broad-Leaved

Shallow Fresh Marsh
- [ ] Robust
- [ ] Narrow-Leaved
- [ ] Broad-Leaved
- [ ] Floating-Leaved

Flood Plain/Flats
- [ ] Emergent
- [ ] Shrubs and Trees

Wet Meadow
- [ ] Ungrazed
- [ ] Grazed

Shrub Swamp
- [ ] Sapling
- [ ] Bushy
- [ ] Compact
- [ ] Aquatic

Wooded Swamp
- [x] Deciduous
- [x] Evergreen

Bog
- [x] Shrub – Dominant
- [x] Wooded

- [ ] Stream or Brookside Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [ ] Wooded Swamp
- [x] Bog
- [ ] Other

Wetland Class Richness
- [ ] -5
- [ ] 4
- [ ] 3
- [x] 2
- [ ] 1

Subclass Richness (Lateral Diversity)
- [ ] -10
- [ ] 6-9
- [ ] 4-5
- [x] 2-3
- [ ] 1

Vegetative Interspersion
- [x] High
- [ ] Moderate
- [ ] Low

Surrounding Habitat
- [ ] -90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [x] 26-75% Peripheral
- [ ] 75% or <25% Scattered
- [ ] 100% Cover; >75% or <25% Peripheral

Percent Open Water
- [ ] 0-30%
- [x] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [ ] Medium
- [x] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [x] High
- [ ] Moderate
- [ ] Low

Wetland Juxtaposition
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements
- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements
Topographic Configuration
- [ ] Closed Basin
- [x] Semi-Closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-3%
- [ ] Steep >3%

Surrounding Slopes
- [x] Slight 0-3%
- [ ] Steep >3%

Topographic Position in Watershed
- [ ] Upper
- [x] Intermediate
- [ ] Lower

Geological Elements
Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [x] High Permeability > 7'
- [ ] Low Permeability

Hydrological Elements
Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [x] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Vernal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [ ] Absent
- [x] Present, from wetland F-29
- [ ] Perennial
- [x] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [x] Present, to wetland F-18
- [ ] Perennial
- [x] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- [x] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [ ] Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [ ] <33%
- [ ] 34-66%
- [x] 67-100%
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Fetch
- [ ] Over 2000 ft.
- [x] Under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [x] Shallow <6 ft.

Social-economical Elements
Hydrologic Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [x] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] >1 person/acre (>320/mi²)
- [ ] 0.5 - 1.9 p/a (430-1220/mi²)
- [ ] 2 p/a (1220/mi²)

Local Scarcity
- [ ] 200 ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- [ ] 1000 ft to nearest similar type

Known Crop Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-29
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
3.43	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER
3.43	100	TOTAL

	occ	com	dom
Salix spp.		✓	
(Willow)			
Ulmus americana		✓	
(American Elm)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Populus tremuloides		✓	
(Trembling Aspen)			
Alnus rugosa	✓		
(Speckled Alder)			
Larix laricina	✓		
(Tamarack)			
Picea mariana	✓		
(Black Spruce)			

number F-29

date 5/1/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
Stream or Brookside Wetland
Open Fresh Water
☐ Permanently Subclass
☐ Non Permanently Subclass
Deep Fresh Marsh
☐ Dead Woody
☐ Shrub
☐ Shrub-Shrub
☐ Emergent
☐ Robust
☐ Narrow-Leaved
☐ Broad-Leaved
Shallow Fresh Marsh
☐ Robust
☒ Narrow-Leaved
☐ Broad-Leaved
☐ Floating-Leaved
Fresh Pond/Flats
☐ Emergent
☐ Shrubs and Trees
☐ Meadow
☐ Emergent
☐ Grassy
Shrub Swamp
☒ Sapling
☐ Bushy
☐ Compact
☐ Aquatic
Wooded Swamp
☐ Deciduous
☒ Evergreen
Bog
☐ Shrub
☐ Wooded

Dominant Wetland Class
Stream or Brookside Wetland
Open Fresh Water
Deep Fresh Marsh
Shallow Fresh Marsh
Yearly Flooded Flood Plain
Wet Meadow
☒ Shrub Swamp
Wooded Swamp
Bog
Other

Wetland Class Richness
6
5
☒ 4
3
2
1

Subclass Richness (Lateral Diversity)
>10
7-9
☒ 4-6
2-3
1

Vegetative Interspersion
☒ High
Moderate
Low

Surrounding Habitat
>90% of 2 or more of Listed Types
☒ 50-90% of 1 or more; 90% of 1
<50% of 1 or more of Listed Types

Cover Type
☐ 25-75% Scattered
☐ 25-75% Peripheral
☐ 75% or >25% Scattered
☒ 100% Cover; 75% or >25% Peripheral

Percent Open Water
☒ 0-33%
34-66%
67-95%
96-100%

Vegetative Species Richness
Low
☒ Medium
High

Proportion of Wildlife Food Plants
Low
☒ Moderate
High

Vegetative Density
☒ High
Moderate
Low

Wetland Juxtaposition
☒ Highly Favorable
Moderately Favorable
Unfavorable

Special Elements
Aquatic Study Area
Sanctuary or Refuge
Wildlife Management Area
Fisheries Management Area
Educational Study Area
Historical Area
Other

Topographical Elements
Topographic Configuration
Closed Basin
Semi-closed Basin
☒ Valley
Hillside

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Wetland Gradient
☒ Slight 0-2%
Steep >2%
Surrounding Slopes
☒ Slight 0-2%
Steep >2%
Topographic Position in Watershed
Upper
☒ Intermediate
Lower

Geological Elements
Surficial Material
☒ Till
Stratified Sand and Gravel
Stratified Fine Sand and Silt
Alluvium
Bedrock
☒ Igneous and Metamorphic
Sedimentary
Organic Material
Absent
High Permeability
☒ Low Permeability < 2'

Hydrological Elements
Hydrologic Position
☒ Perched Wetland
Water Table Wetland
Water Table/Artesian Wetland
Artesian Wetland
Transmissivity of Aquifer
☒ Low <10,000 gal/day/ft
Moderate 10,000 - 40,000 gal/day/ft
High >40,000 gal/day/ft
Dominant Hydrologic Type
Condition 1
Condition 2
Condition 3
Condition 4
☒ Condition 5
Condition 6
Hydrologic Connection
Not Part of Riparian System
☒ Part of Riparian System
Water Level Fluctuation
☒ High
Low
Vernal Pool
Groundwater Outflow
☒ Absent
Present

Inlet
☒ Absent
Present, from wetland F-30
Perennial
☒ Ephemeral

Inlet
Absent
Present, from wetland ___
Perennial
Ephemeral

Inlet
Absent
Present, from wetland ___
Perennial
Ephemeral

Size
☐ Large >4.6 acres
☒ Medium 1.1-<4.6
☐ Small <1 acre
Surficial Geologic Material of watershed
☒ Till
☐ Stratified sand and gravel
☐ Stratified fine sand and silt
☐ Alluvium
Percent Wetland Bordering Open Water
☐ <33%
☐ 34-66%
☒ 67-100%
☐ Does not border
Legal Access
☐ Yes
☒ No
Fetch
☐ Over 2000 ft.
☐ Under 2000 ft.
Depth of Lake
☐ Deep >6 ft.
☐ Shallow <6 ft.

Social-economical Elements
Hydrologic Connection
☒ Connected to a Small Stream
☐ Connected to a River
☐ Connected to a Lake
☐ Connected to a Combination
Access to Public
☐ Within 100 ft of Road
☐ Access by Possible Waterway
☒ Isolated
Surrounding Population Density
☒ <1 person/acre (<320/mi²)
☐ 0.5 - 1.0 p/a (640-1220/mi²)
☐ 2 p/a (1220/mi²)
Local Supply
☐ 200 ft to nearest similar type
☒ 201 to 1000 ft to nearest similar type
☐ 1000 ft to nearest similar type
Known Fish Value or Potential
☒ None
☐ Supports 1 family for part of year
☐ Completely supports 1 family
☐ Supports sizable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F30
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
0.05	100	OTHER Streamside Wetland
0.05	100	TOTAL

number F30

date 5/1/81

field investigator(s)

D. Magee

G. Hollands

water quality

	occ	com	dom
Ulmus americana			✓
(American Elm)			
Allium tricoccum		✓	
(Wild Leek)			
Dicentra cucullaria		✓	
(Dutchmans Britches)			
Erythronium americanum	✓		
(Trout Lily)			
Trillium undulatum	✓		
(Painted Trillium)			
Tilia americana	✓		
(Basswood)			
Claytonia virginiana	✓		
(Spring Beauty)			
Populus tremuloides	✓		
(Trembling Aspen)			
Sanguinaria canadensis	✓		
(Bloodroot)			

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☐ Large >4.8 acres
- ☐ Medium 1.1-4.5
- ☒ Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- ☐ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland bordering Open water
- ☒ <25%
- ☐ 26-66%
- ☐ 67-100%
- ☐ Does not border

Legal Access
- ☐ Yes
- ☒ No

Depth
- ☐ Over 7000 ft.
- ☐ Under 7000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☒ Connected to a Small Stream
- ☐ Connected to a River
- ☐ Connected to a Lake
- ☐ Connected to a Combination

Access to Public
- ☐ Within 100 ft of Road
- ☐ Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ 1 Person/acre (<225/mi²)
- ☐ 6.5 - 1.5 per (4336-1720/mi²)
- ☐ 2 per (1720/mi²)

Local Scarcity
- ☐ 200 ft to nearest similar type
- ☐ 201 to 1500 ft to nearest similar type
- ☒ 1500 ft to nearest similar type

Human Use Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Supports 1 family
- ☐ Supports sizable commercial interest

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☐ Absent
- ☒ Present, to wetland F-29
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Intermittent

Wetland Subclasses
- ☒ Stream or Brookish wetland
- Open Fresh Water
  - ☐ Permanent
  - ☐ Temporary
  - ☐ Impounded
- Deep Fresh Marsh
  - ☐ Persistent
  - ☐ Nonpersistent
- Shrub Swamp
  - ☐ Deciduous
  - ☐ Broad-Leaved
  - ☐ Needle-Leaved
- Wooded Swamp
  - ☐ Deciduous
  - ☐ Broad-Leaved
  - ☐ Needle-Leaved
  - ☐ Evergreen
- Bog
  - ☐ Shrub
  - ☐ Wooded

Dominant wetland Class
- ☒ Stream or Brookish wetland
- ☐ Open Fresh Water
- ☐ Deep Fresh Marsh
- ☐ Shallow Fresh Marsh
- ☐ Deep Fresh Marsh
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☐ Wooded Swamp
- ☐ Bog
- ☐ Other ___

Wetland Class Richness
- ☐ 4
- ☐ 3
- ☐ 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- ☐ >10
- ☐ 6-9
- ☐ 4-5
- ☐ 2-3
- ☒ 1

Vegetative Interspersion
- ☐ High
- ☐ Moderate
- ☒ Low

Surrounding Habitat
- ☐ >75% of 2 or more of Listed Types
- ☐ 50-90% of 1 or more; 90% of 1
- ☒ <50% of 1 or more of Listed Types

Cover Type
- ☐ 26-75% Scattered
- ☐ 26-75% Peripheral
- ☒ 75% or >25 Scattered
- ☐ 100% Cover; <75% or >25% Peripheral

Percent Open Water
- ☐ 0-33%
- ☒ 34-66%
- ☐ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ☐ Low
- ☒ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☒ Low
- ☐ Moderate
- ☐ High

Vegetative Density
- ☐ High
- ☐ Moderate
- ☒ Low

Wetland Juxtaposition
- ☒ Highly Favorable
- ☐ Moderately Favorable
- ☐ Unfavorable

Special Elements
- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other ___

Topographical Elements

Topographic Configuration
- ☐ Closed Basin
- ☐ Semi-closed Basin
- ☒ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-2%
- ☐ Steep >2%

Surrounding Slopes
- ☐ Slight 0-2%
- ☒ Steep >2%

Topographic Position in Watershed
- ☐ Upper
- ☒ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☒ Till
- ☐ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☒ Absent
- ☐ High Permeability
- ☐ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched wetland
- ☐ Water Table wetland
- ☐ Water Table/Artesian Wetland
- ☐ Artesian wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Dominant Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☐ Condition 5
- ☐ Condition 6

Hydrologic Connection
- ☐ Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- ☒ High
- ☐ Low
- ☐ Normal Pool

Groundwater Outflow
- ☒ Absent
- ☐ Present

Inlet
- ☐ Absent
- ☒ Present, from wetland F-3
- ☐ Perennial
- ☒ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-31
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
6.00	100	WOODED SWAMP
		BOG
		OTHER _____
6.00	100	TOTAL

Vegetation Inventory

number F-31

date 5/1/81

field investigator(s)

D. Magee, G. Hollands

water quality

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Ulmus americana		✓	
(American Elm)			
Betula lutea	✓		
(Yellow Birch)			
Allium tricoccum		✓	
(Wild Leek)			
Dicentra cucullaria		✓	
(Dutchmans Britches)			
Picea rubens	✓		
(Red Spruce)			
Tsuga canadensis	✓		
(Hemlock)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Alnus rugosa		✓	
(Speckled Alder)			

Wetland Successional Stage
- Stream or Shoreline wetland
- Open Fresh Water
  - Vegetated Shallows
  - Non Vegetated Shallows
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ■ Deciduous
  - ■ Evergreen – Dominant
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Shoreline Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Rarely Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ■ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- ■ 2
- 1

Successional Richness (Lateral Diversity)
- >10
- 8-9
- 6-5
- ■ 2-3
- 1

Successional Intervention
- High
- ■ Moderate
- Low

Surrounding Habitat
- >75% of 2 or more of Listed Types
- ■ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types.

Cover Type
- 76-75% Scattered
- 76-75% Peripheral
- 75% or <25% Scattered
- ■ 100% Cover; >75% or <75% Peripheral

Percent Open Water
- ■ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ■ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ■ Moderate
- High

Vegetative Density
- High
- ■ Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- ■ Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ■ Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ■ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ■ Slight 0-3%
- Steep >3%

Topographic Position to Watershed
- Upper
- ■ Intermediate
- Lower

Geological Elements

Surficial Material
- ■ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ■ Low Permeability < 4"

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table wetland
- Water Table/Artesian Wetland
- Artesian wetland

Transmissivity of Aquifer
- ■ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ■ Condition 5
- Condition 6

Hydrologic Connection
- ■ Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- ■ Low
- Normal Pool

Groundwater Outflow
- Absent
- ■ Present

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- ■ Absent
- Present, to wetland F-30
- Perennial
- (Ephemeral)

Inlet
- ■ Absent
- Present, to wetland ___
- Perennial
- (Ephemeral)

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Size
- ■ Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ■ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- ■ Does not border

Legal Access
- Yes
- ■ No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ■ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- ■ Isolated

Surrounding Population Density
- ■ >1 Person/acre (>320/mi²)
- 0.5 - 1.0 p/a (640-1280/mi²)
- <.5 p/a (<320/mi²)

Local Scarcity
- <.20% ft to nearest similar type
- ■ .20% to 1000 ft to nearest similar type
- >1000 ft to nearest similar type

Actual Use Value or Potential
- ■ None
- Economic 1 family for part of year
- Economic 1 family
- Economic viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-32
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.55	100	WOODED SWAMP
		BOG
		OTHER _____
0.55	100	TOTAL

Vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Ulmus americana		✓	
(American Elm)			
Betula lutea	✓		
(Yellow Birch)			
B. papyrifera	✓		
(Paper Birch)			
Abies balsamea	✓		
(Balsam Fir)			
Acer spicatum	✓		
(Mountain Maple)			
Coptis groenlandica	✓		
(Canker-root)			
Sphagnum sp.		✓	
(Sphagnum)			

Inventory

number F-32

date 5/1/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Shoreline Wetland
- Open Fresh Water
- Vegetated Subclass
- Non Vegetated Subclass
- Tree Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Unmowed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wood Swamp
  - ☒ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Dominant Wetland Class
- Stream or Shoreline Wetland
- Open Fresh Water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Regularly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- ☒ 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- High
- ☒ Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- ☒ <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25 Scattered
- ☒ 100% Cover; 75% or >75% Peripheral

Percent Open Water
- ☒ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- ☒ High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- High
- ☒ Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- ☒ Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- Semiclosed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slope 0-2%
- Slope >2%

Surrounding Slopes
- Slope 0-2%
- ☒ Slope >2%

Topographic Position in Watershed
- ☒ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ☒ Low Permeability <4'

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- ☒ Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >6.6 acres
- Medium 2.1-6.5
- ☒ Small <2 acres

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- ☒ Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 Ft of Road
- Access by Possible Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ <1 Person/acre (<326/mi²)
- 1.6 - 1.9 p/a (436-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- 1600 ft to nearest similar type

Human Use Value or Potential
- None
- ☒ Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F33
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.60	100	WOODED SWAMP
		BOG
		OTHER
1.60	100	TOTAL

Inventory

number F33

date 4/29/81

field investigator(s)

D. Magee

G. Hollands

water quality

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Fraxinus americana (White Ash)	✓		
Ulmus americana (American Elm)	✓		
Populus tremuloides (Trembling Aspen)		✓	
Tsuga canadensis (Hemlock)	✓		
Betula lutea (Yellow Birch)	✓		
Corylus cornuta (Beaked Hazel)	✓		
Acer spicatum (Mountain Maple)	✓		
Betula papyrifera (Paper Birch)	✓		

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☐ Large >4.6 acres
- ☒ Medium 1.1-4.5
- ☐ Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- ☐ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent Wetlands Bordering Open Water
- ☐ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☒ Does not border

Legal Access
- ☒ Yes
- ☐ No

Relief
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☐ Connection to a Small Stream
- ☐ Connection to a River
- ☐ Connection to a Lake
- ☐ Connection to a Combination

Access to Public
- ☐ Within 100 ft of Road
- ☐ Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ <1 person/acre (<325/mi²)
- ☐ 1.1 - 1.9 pop (430-1270/mi²)
- ☐ 2 p/a (>1270/mi²)

Land Security
- ☐ <330 ft to nearest similar type
- ☒ 331 to 1000 ft to nearest similar type
- ☐ >1000 ft to nearest similar type

Major Crop Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Completely supports 1 family
- ☐ Supports viable commercial interest

Inlet
- ☐ Absent
- ☐ Present, from wetland
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☒ Absent
- ☐ Present, to wetland
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☐ Absent
- ☐ Present, to wetland
- ☐ Perennial
- ☐ Intermittent

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Sub-Shrub
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Fringe Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
  - Emergent
  - Shrub Swamp
  - Grazed
  - Sapling
  - Bushy
  - Forested
  - Aquatic
- Wooded Swamp
  - ☒ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Bog
- Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Other

Wetland Class Richness
- 5
- ☒ 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- ☒ 2-3
- 1

Vegetative Interspersion
- High
- ☒ Moderate
- Low

Surrounding Habitat
- >95% of 2 or more of Listed Types
- ☒ 50-95% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- ☒ 100% Cover; <75% or <25% Peripheral

Percent Open Water
- ☒ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- ☒ Low
- Moderate
- High

Vegetative Density
- High
- ☒ Moderate
- Low

Wetland Succession
- Highly Favorable
- ☒ Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- ☒ Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-2%
- Steep 2%

Surrounding Slopes
- ☒ Slight 0-2%
- Steep 2%

Topographic Position in Watershed
- ☒ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ☒ Low Permeability <1' muck

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Wetland Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ☒ Condition 5
- Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Normal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F34
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.40	100	WOODED SWAMP
		BOG
		OTHER
0.40	100	TOTAL

vegetation

	occ	com	dom
Populus tremuloides		✓	
(Trembling Aspen)			
Acer rubrum		✓	
(Red Maple)			
Ulmus americana		✓	
(American Elm)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Abies balsamea	✓		
(Balsam Fir)			
Betula lutea	✓		
(Yellow Birch)			
Betula papyrifera	✓		
(Paper Birch)			

inventory

number F34

date 5/1/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Successes
- Stream or Brookside Wetland
- Open Fresh Water
- Permanent Successes
- Non Permanent Successes
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Tidal Flats/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unmanaged
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Tidal Flats/Flats
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ■ 1

Success Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- ■ 1

Vegetative Interspersion
- High
- Moderate
- ■ Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- ■ 50-90% of 1 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or 25% Scattered
- ■ 100% Covered; 75% or 25% Peripheral

Percent Open Water
- ■ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ■ Medium
- High

Proportion of Wildlife Food Plants
- ■ Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- ■ Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ■ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semiclosed Basin
- Valley
- ■ Hillside

Wetland Gradient
- ■ Slight 0-2%
- Steep >2%

Surrounding Slopes
- ■ Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- ■ Lowest
- Intermediate
- Lower

Geological Elements

Surficial Material
- ■ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ■ High Permeability
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ■ Low <10,000 sq/day/ft
- Moderate 10,000 - 40,000 sq/day/ft
- High >40,000 sq/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ■ Condition 6

Hydrologic Connection
- ■ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ■ Low
- Vernal Pool

Groundwater Outflow
- ■ Absent
- Present

Inlet
- ■ Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- ■ Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Outlet
- ■ Absent
- Present, to wetland ___
  - Perennial
  - Intermittent

Outlet
- ■ Absent
- Present, to wetland ___
  - Perennial
  - Intermittent

Inlet
- ■ Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- ■ Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- ■ Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Size
- Large >4.6 acres
- Medium 2.1-4.5
- ■ Small <1 acre

Surficial Geologic Material of Watershed
- ■ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ■ Does not border

Legal Access
- Yes
- ■ No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 6 ft.
- ■ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- ■ Isolated

Surrounding Population Density
- ■ 1/2 Person/acre (1-320/mi²)
- 0.5 - 1.5 p/a (640-1920/mi²)
- 2 p/a (1920/mi²)

Land Scarcity
- 200 ft to nearest similar type
- ■ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Use or Uses Below or Potential
- ■ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports sizable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F35
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
2.50	100	WOODED SWAMP
		BOG
		OTHER
2.50	100	TOTAL

vegetation

	occ	com	dom
Tsuga canadensis			✓
(Hemlock)			
Picea rubens		✓	
(Red Spruce)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Larix laricina		✓	
(Tamarack)			
Sphagnum sp.		✓	
(Sphagnum)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Abies balsamea		✓	
(Balsam Fir)			
Coptis groenlandica		✓	
(Goldthread)			
Acer rubrum	✓		
(Red Maple)			
Vaccinium macrocarpon	✓		
(American Cranberry)			

inventory

number F35

date 5/1/81

field investigator(s)

D. Maree

C. Hollands

water quality

Wetland Functions

Stream or Groundwater Wetland

Open Fresh Water

Forested Shallow

Open Grassland Shallow

Open Fresh Marsh

Deep Marsh

Shrub Swamp

Shallow

Deep

Narrow-Leaved

Broad-Leaved

Wooded Swamp

Coniferous

Deciduous

Bog

Shrub

Wooded

Ecological Elements

Dominant Wetland Class

Stream or Groundwater Wetland

Open Fresh Water

Open Fresh Marsh

Shallow Fresh Marsh

Deep Marsh

Shrub Swamp

Wooded Swamp

Bog

Other

Wetland Class Richness

4

3

2

1

Vegetative Interspersion

High

Moderate

Low

Vegetative Diversity (Dominant Species Richness)

Low

Moderate

High

Juxtaposition of Wildlife Food Plants

Low

Moderate

High

Vegetative Density

High

Moderate

Low

Overall Interspersion

Highly Favorable

Moderately Favorable

Unfavorable

Special Elements

Natural Study Area

Sanctuary or Refuge

Wildlife Management Area

Fisheries Management Area

Educational Study Area

Historical Area

Other

Topographical Elements

Topographic Configuration

Closed Basin

Surrounding Slopes

Valley

Within

Dominant Wetland Soil Type

Silty

Clayey

Peaty

Surrounding Slopes

Slight 0-2%

Steep >2%

Topographic Position in Watershed

Upper

Intermediate

Lower

Geological Elements

Surficial Material

Till

Stratified Sand and Gravel

Stratified Fine Sand and Silt

Alluvium

Bedrock

Igneous and Metamorphic

Sedimentary

Drainage Material

Absent

High Permeability (> 2")

Low Permeability

Hydrological Elements

Hydrologic Position

Perched Wetland

Water Table Wetland

Water Table/Artesian Wetland

Artesian Wetland

Transmissivity of Aquifer

Low <10,000 gal/day/ft

Moderate 10,000 - 40,000 gal/day/ft

High >40,000 gal/day/ft

Dominant Hydrologic Type

Condition 1

Condition 2

Condition 3

Condition 4

Condition 5

Condition 6

Hydrologic Connection

Not Part of Riverine System

Part of Riverine System

Water Level Fluctuation

High

Low

Normal Pool

Groundwater Outflow

Present

Absent

Inlet

Present, from wetland

Perennial

Intermittent

Outlet

Absent

Present, to wetland

Perennial

Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size

Large >4.0 acres

Medium 1.1-4.0

Small <1 acre

Surficial Geologic Material of watershed

Till

Stratified sand and gravel

Stratified fine sand and silt

Alluvium

Percent Wetland Bordering Open Water

<33%

34-66%

67-100%

Does not border

Boat Access

Yes

No

Fetch

Over 2000 ft.

Under 2000 ft.

Depth of Lake

Over 15 ft.

Shallow <15 ft.

Social-economical Elements

Recreational Connection

Connection to a Small Stream

Connection to a River

Connection to a Lake

Connection to a Combination

Access to Public

Within 100 ft of Road

Access by Passable Waterway

Isolated

Surrounding Population Density

>1 farm/acre (>2.5/km²)

0.5 - 1.0 acre (130-1275/km²)

< 2 acre (<1275/km²)

Local Economy

Yes, 75% of harvest shellfish type

Yes, 25 to 1000 ft to nearest shellfish type

Yes, 1000 ft to nearest shellfish type

Water Flow (Lake or Reservoir)

None

Seasonal (only for part of year)

Relatively Constant (only)

Seasonal steady commercial harvest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F36
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.26	100	WOODED SWAMP
		BOG
		OTHER
1.26	100	TOTAL

Vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Allium tricoccum		✓	
(Wild Leek)			
Trillium undulatum	✓		
(Painted Trillium)			
Acer spicatum	✓		
(Mountain Maple)			
Dicentra cucullaria		✓	
(Dutchmans Britches)			
Betula lutea	✓		
(Yellow Birch)			

Inventory

number F36

date 5/1/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Subclasses

Stream or Riverine Wetland
- Open Fresh Water
- Vegetated Subclass
- Non Vegetated Subclass
- Deep Fresh Marsh
- Broad-Leaved Emergent
- Shrub
- Sub-Shrub
- Mosses
- Narrow-Leaved
- Broad-Leaved
- Shallow Fresh Marsh
- Mosses
- Narrow-Leaved
- Broad-Leaved
- Floating-Leaved
- Flood Plain/Flats
- Emergent
- Shrubs and Trees
- Wet Meadow
- Ungrazed
- Grazed
- Shrub Swamp
- Sapling
- Sickly
- Compact
- Acoustic
- Wooded Swamp
- ☒ Deciduous
- Evergreen
- Bog
- Shrub
- Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Riverine Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ☒ 1

Successional Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- High
- ☒ Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- ☒ 100% Cover; >75% or <75% Peripheral

Normal Open Water
- ☒ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- High
- Moderate
- ☒ Low

Wetland Juxtaposition
- Highly Favorable
- ☒ Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-Closed Basin
- Valley
- ☒ Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Peat
- High Permeability
- ☒ Low Permeability <2'

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Interdiction Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Normal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ☒ Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- Large >4.6 acres
- ☒ Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of Watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Navigation Connection
- Connection to a Small Stream
- Connection to a River
- Connection to a Lake
- Connection to a Combination

Access to Public
- ☒ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ☒ [illegible]
- 0.5 - 1.9 pop (430-1720/mi²)
- 2 pop (1720/mi²)

Land Ownership
- 260 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- 1001 to 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- Supports 1 family for part of year
- Supports 1 family for 1 year
- Supports stable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-37
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
13.48	83.0	SHALLOW MARSH
		DEEP MARSH
1.26	7.7	SHRUB SWAMP
1.51	9.3	WOODED SWAMP
		BOG
		OTHER
16.25	100	TOTAL

	occ	com	dom
Calamagrostis canadensis			✓
(Blue-joint Grass)			
Spiraea tomentosa		✓	
(Steeplebush)			
Scirpus cyperinus	✓		
(Wool-grass)			
Larix laricina	✓		
(Tamarack)			
Acer rubrum		✓	
(Red Maple)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Rumex orbiculatus	✓		
(Swamp Dock)			
Typha latifolia		✓	
(Cat-tail)			
Betula lutea	✓		
(Yellow Birch)			
Sphagnum sp.		✓	
(Sphagnum)			
Ulmus americana		✓	
(American Elm)			
Fraxinus pennsylvanica var. subintegerrima		✓	
(Green Ash)			
Populus tremuloides		✓	
(Trembling Aspen)			
Ribes sp.		✓	
(Gooseberry)			

number F-37

date 5/11/81

field investigator(s)

D. Mazza, C. Hollands, P. Clark

water quality

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- [x] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [ ] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [x] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland bordering open water
- [x] >33%
- [ ] 34-66%
- [ ] 67-100%
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Depth
- [x] Over 2000 ft.
- [ ] under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [x] Shallow <6 ft.

Social-economical Elements

Recreational Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [x] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [x] Access by Passable Waterway
- [ ] Isolated

Surrounding Population Density
- [ ] >1 per square mile (>326/mi²)
- [ ] 0.5 - 1.0 per sq mile (163-326/mi²)
- [x] <.5 per sq mile (<163/mi²)

Legal Boundary
- [ ] 2500 ft to nearest similar type
- [x] 501 to 1000 ft to nearest similar type
- [ ] 1000 ft to nearest similar type

Water Level below or Potential
- [x] None
- [ ] Currently 1 family, for part of year
- [ ] Currently supports 1 family
- [ ] Currently usable commercial interest

Inlet
- [ ] Natural
- [ ] Perennial, from wetland
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Natural
- [ ] Perennial, from wetland
- [ ] Perennial
- [ ] Intermittent

Outlet
- [ ] Natural
- [x] Perennial, to wetland F-38
- [ ] Perennial
- [ ] Intermittent

Outlet
- [ ] Natural
- [ ] Perennial, to wetland Deep Hole Lake
- [ ] Perennial
- [ ] Intermittent

Wetland Succession
- Stream or Brookside wetland
- Open fresh water
- Terrestrial Succlass
- Non Terrestrial Succlass
- Open fresh marsh
- [ ] Broad woody
- [ ] Shrub
- [ ] Shrub/Shrub
- [ ] Emergent
- [ ] Graminoid/Forbs
- [ ] Broad-leaved
- Shallow fresh marsh
- [x] Robust
- [ ] Graminoid/Forbs
- [ ] Broad-leaved
- [ ] Floating-leaved
- Tidal Flats/Flats
- [ ] Emergent
- [ ] Shrubs and Trees
- [ ] Persistent
- [ ] Unvegetated
- [ ] Treed
- Tidal Shrub
- [x] Scrub/Shrub
- [ ] Dwarf
- [ ] Forested
- [ ] Aquatic
- Tidal Shrub
- [ ] Deciduous
- [ ] Evergreen
- [ ] Shrub
- [ ] Wooded

Wetland Classification
- [ ] Bog
- [ ] Fen
- [ ] Swamp
- [ ] Marsh
- [ ] Shallow Water
- [ ] Open Water
- [x] Unknown
- [ ] Other

Wetland Class Richness
- [ ] 4
- [ ] 3
- [ ] 2
- [ ] 1

Subclass Richness (General Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [ ] 1

Vegetative Interspersion
- [x] High
- [ ] Moderate
- [ ] Low

Interspersing Habitat
- [ ] <10% of 2 or more of Listed 1 unit
- [ ] 10-50% of 2 or more; 10% of 1
- [ ] >50% of 1 or more of Listed 1 unit

Cover Type
- [x] 75-75% Scattered
- [ ] 75-75% Peripheral
- [ ] 75% or >25 Scattered
- [ ] 100% Covers; >75% or >25% Part Moral

Percent Open Water
- [x] 0-33%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [ ] Medium
- [x] High

Proportion of Wildlife Food Plant
- [x] Low
- [ ] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Interspersion
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements
- [ ] Scenic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements
- Topographic Configuration
- [x] Flood Basin
- [ ] Semi-Closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slope 0-3%
- [ ] Slope >3%
- Intervening Slopes
- [ ] Slope 0-3%
- [x] Slope >3%
- Topographic Position in Watershed
- [ ] Upper
- [x] Intermediate
- [ ] Lower

Geological Elements
- Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium
- Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary
- Organic Material
- [ ] Present
- [ ] High Permeability
- [ ] Low Permeability

Hydrological Elements
- Recruitment Function
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Interspersion Wetland
- [ ] Riverine Wetland
- Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft
- Regional Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [x] Condition 5
- [ ] Condition 6
- Hydrologic Connection
- [ ] Not Part of Riverine System
- [x] Part of Riverine System
- Water Level Fluctuation
- [ ] Deep
- [ ] Low
- [ ] Normal Pool
- Groundwater Outflow
- [ ] Natural
- [ ] Perennial
- Inlet
- [ ] Natural
- [ ] Perennial, from wetland Off-site
- [ ] Perennial
- [x] Intermittent
- Inlet
- [ ] Natural
- [ ] Perennial, from wetland ___
- [ ] Perennial
- [ ] Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F38
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
- 0.05	100	OTHER Streamside Wetland
0.05	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Acer rubrum		✓	
(Red Maple)			
Impatiens capensis		✓	
(Jewelweed)			
Onoclea sensibilis		✓	
(Sensitive Fern)			
Equisetum sp.	✓		
(Horsetail)			

inventory

number F38

date 5/11/81

field investigator(s)

G. Hollands, D. Magee

P. Clark

water quality

Wetland Succession
- [x] Stream or Impounded Wetland
- [ ] Young Marsh
- [ ] Established Shrub
- [ ] Mature Forest
- [ ] Young Marsh
- [ ] Shrub
- [ ] Mature Forest
- [ ] Deciduous
- [ ] Coniferous
- [ ] Mixed
- [ ] Young Forest
- [ ] Shrub
- [ ] Deciduous
- [ ] Coniferous
- [ ] Mixed
- [ ] Mature Forest
- [ ] Deciduous
- [ ] Coniferous
- [ ] Mixed
- [ ] Flood Plain/Flats
- [ ] Emergent
- [ ] Shrubs and Trees
- [ ] Forest
- [ ] Deciduous
- [ ] Coniferous
- [ ] Mixed
- [ ] Open Water
- [ ] Shallow
- [ ] Deep
- [ ] Bog
- [ ] Shrub
- [ ] Forested

Ecological Elements

Dominant Wetland Class
- [x] Stream or Impounded Wetland
- [ ] Open Water
- [ ] Open Marsh
- [ ] Shallow Marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Shrubs
- [ ] Forested Swamp
- [ ] Bog
- [ ] Other

Wetland Class Richness
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Succlass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [ ] Moderate
- [x] Low

Surrounding Habitat
- [ ] >75% of 2 or more of Listed Types
- [x] 50-75% of 1 or more; 90% of
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 75-75% Scattered
- [ ] 75-75% Peripheral
- [ ] 75% or >25% Scattered
- [x] 100% Cover; <75% or >75% Peripheral

Percent Open Water
- [ ] 0-30%
- [x] 30-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [x] Low
- [ ] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [x] Low
- [ ] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Interspersion
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [ ] Semi-closed Basin
- [x] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-2%
- [ ] Steep >2%

Surrounding Slopes
- [x] Slight 0-2%
- [ ] Steep >2%

Topographic Position to Waters of
- [ ] Lower
- [x] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [ ] High Permeability
- [x] Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Wetland Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Present Hydrologic Type
- [ ] Connection 1
- [x] Connection 2
- [ ] Connection 3
- [ ] Connection 4
- [ ] Connection 5
- [ ] Connection 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Normal Pool

Groundwater Outflow
- [ ] Absent
- [ ] Present

Inlet
- [ ] Absent
- [x] Present, from wetland Σ=37
- [ ] Perennial
- [x] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Size
- [ ] Large >4.5 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland bordering open water
- [ ] <33%
- [x] 34-66%
- [ ] 67-100%
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Elev.
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Over 6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Recreational Connection
- [x] Connection to a Small Stream
- [ ] Connection to a River
- [ ] Connection to a Lake
- [ ] Connection to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Possible Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 person/acre (<2.5/km²)
- [ ] 1-5 + 1-9 per acre (2.5-12.5/km²)
- [ ] 2 or (12.5/km²)

Land Ownership
- [ ] 250 ft is nearest smaller type
- [ ] 251 to 1000 ft is nearest smaller type
- [x] 1000 ft is nearest smaller type

Known Uses (value or potential)
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [x] Present, to wetland F-39
- [ ] Perennial
- [x] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER F39

FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
5.80	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER
5.80	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Salix sp.		✓	
(Willow)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Alnus rugosa		✓	
(Speckled Alder)			
Populus tremuloides		✓	
(Trembling Aspen)			
Abies balsamea	✓		
(Balsam Fir)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Picea mariana		✓	
(Black Spruce)			
Ulmus americana	✓		
(American Elm)			

inventory

number F39

date 5/11/81

field investigator(s)

D. Magee, P. Clark, G. Hollands

water quality

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Wetland Subclasses
- Stream or Brooklike Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Rabbit
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Rabbit
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unmanaged
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brooklike Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Wet Meadow
- ☒ Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vertical Interspersion
- ☒ High
- Moderate
- Low

Surrounding Habitat
- >50% of 2 or more of listed 1 yes
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of listed 1 yes

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 25% or <25% Scattered
- ☒ 100% Cover; >75% or <25% Peripheral

Percent Open Water
- ☒ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Decomposition
- ☒ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ☒ Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- ☒ Steep >2%

Topographic Position in Watershed
- Upper
- ☒ Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- ☒ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Mesic Permeability
- ☒ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ☒ Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Normal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- ☒ Present, to wetland F-40
- Perennial
- ☒ Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland F-38
- Perennial
- ☒ Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- ☒ Large >4.5 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of Watershed
- Till
- ☒ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☒ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ [illegible] (>325/mi²)
- 0.5 - 1.1 acre (130-325/mi²)
- 2 acre (1-129/mi²)

Road Density
- ☒ 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1001 to 10 to nearest similar type

Shore Erosion Value or Potential
- ☒ None
- Supports 1 family for part of year
- Supports 1 family for full year
- Supports visible commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER F-40

FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
0.25	3.0	SHALLOW MARSH
		DEEP MARSH
5.90	68.4	SHRUB SWAMP
2.47	28.6	WOODED SWAMP
		BOG
		OTHER _____
8.62	100	TOTAL

vegetation

inventory

number F-40

date 5/31/81

field investigator(s)

D. Magee, G. Hollands, P. Clark

water quality

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Alnus rugosa		✓	
(Speckled Alder)			
Calamagrostis canadensis			✓
(Blue-Joint Grass)			
Picea mariana		✓	
(Black Spruce)			
Nemopanthus mucronata	✓		
(Mountain Holly)			
Vaccinium corymbosum	✓		
(Highbush Blueberry)			
Sphagnum sp.		✓	
(Sphagnum)			
Larix laricina	✓		
(Tamarack)			
Spiraea tomentosa	✓		
(Steeplebush)			
Typha latifolia	✓		
(Cat-tail)			

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Ecological Elements

Topographical Elements

Geological Elements

Hydrological Elements

Social-economical Elements

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER F42

FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
0.80	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
0.80	100	TOTAL

Vegetation

	occ	com	dom
Fraxinus pennsylvanica			✓
var. subintegerrima			
(Green Ash)			
Ulmus americana	✓		
(American Elm)			
Betula lutea		✓	
(Yellow Birch)			
Acer rubrum		✓	
(Red Maple)			

Inventory

number F42

date 5/11/81

field investigator(s)

D. Magee, P. Clark, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unbraced
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Wet Meadow
- ☒ Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- -5
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- -10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- High
- Moderate
- ☒ Low

Surrounding Habitat
- -90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- -50% of 1 or more of Listed Types

Cover Type
- ☒ 26-75% Scattered
- 26-75% Peripheral
- 75% or +25 Scattered
- 100% Cover; -25% or +25% Peripheral

Percent Open Water
- 0-30%
- ☒ 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ☒ Low
- Medium
- High

Proportion of Wildlife Food Plants
- ☒ Low
- Moderate
- High

Vegetative Density
- High
- ☒ Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ☒ Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep -3%

Surrounding Slopes
- Slight 0-3%
- ☒ Steep -3%

Topographic Position to Watershed
- ☒ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- ☒ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ☒ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ☒ Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ☒ Small <1 acre

Surficial Geologic Material of Watershed
- Till
- ☒ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- <1 person/acre (<320/mi²)
- 0.5 - 1.5 p/a (<30-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Armor Crop Value or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F43
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
1.26	100	BOG
		OTHER _____
1.26	100	TOTAL

vegetation

	occ	com	dom
Picea mariana		✓	
(Black Spruce)			
Larix laricina	✓		
(Tamarack)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Chamaedaphne calyculata			✓
(Leatherleaf)			
Sarracenia purpurea	✓		
(Pitcher Plant)			
Sphagnum sp.		✓	
(Sphagnum)			
Pinus strobus	✓		
(White Pine)			

inventory

number F43

date 5/11/81

field investigator(s)

D. Magee, P. Clark, C. Hollands

water quality

Wetland Subclasses
- Stream or Drainage Wetland
- Open Fresh Water
  - ☐ Vegetated Subclass
  - ☐ Non Vegetated Subclass
- Deep Fresh Marsh
  - ☐ Dead Woody
  - ☐ Shrub
  - ☐ Sub-Shrub
  - ☐ Robust
  - ☐ Narrow-Leaved
  - ☐ Broad-Leaved
- Shallow Fresh Marsh
  - ☐ Robust
  - ☐ Narrow-Leaved
  - ☐ Broad-Leaved
  - ☐ Floating-Leaved
- Floating/Flats
  - ☐ Emergent
  - ☐ Shrubs and Trees
- Wet Meadow
  - ☐ Ungrazed
  - ☐ Grazed
- Shrub Swamp
  - ☐ Sapling
  - ☐ Bushy
  - ☐ Compact
  - ☐ Aquatic
- Wooded Swamp
  - ☐ Deciduous
  - ☐ Evergreen
- Bog
  - ☒ Shrub
  - ☐ Wooded

Ecological Elements

Dominant Wetland Class
- ☐ Stream or Drainage Wetland
- ☐ Open Fresh Water
- ☐ Deep Fresh Marsh
- ☐ Shallow Fresh Marsh
- ☐ Nearly Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☐ Wooded Swamp
- ☒ Bog
- ☐ Other

Wetland Class Richness
- ☐ 5
- ☐ 4
- ☐ 3
- ☐ 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- ☐ >10
- ☐ 6-9
- ☐ 4-5
- ☐ 2-3
- ☒ 1

Vertical Interspersion
- ☐ High
- ☒ Moderate
- ☐ Low

Surrounding Habitat
- ☐ >90% of 2 or more of Listed types
- ☒ 50-90% of 1 or more; 90% of >50% of 1 or more of Listed types

Cover Type
- ☐ 26-75% Scattered
- ☐ 26-75% Peripheral
- ☐ 75% or >25% Scattered
- ☒ 100% Cover; >75% or >25% Peripheral

Percent Open Water
- ☒ 0-33%
- ☐ 34-66%
- ☐ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ☐ Low
- ☒ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☒ Low
- ☐ Moderate
- ☐ High

Vegetative Density
- ☒ High
- ☐ Moderate
- ☐ Low

Wetland Juxtaposition
- ☐ Highly Favorable
- ☐ Moderately Favorable
- ☒ Unfavorable

Special Elements
- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- ☐ Semi-Closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-3%
- ☐ Steep >3%

Surrounding Slopes
- ☐ Slight 0-3%
- ☒ Steep >3%

Topographic Position in Watershed
- ☒ Upper
- ☐ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☒ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☐ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☒ High Permeability
- ☐ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- ☐ Water Table Wetland
- ☐ Water Table/Artesian Wetland
- ☐ Artesian Wetland

Transmissivity of Aquifer
- ☐ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Dominant Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☐ Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- ☐ Part of Riparian System

Water Level Fluctuation
- ☐ High
- ☒ Low
- ☐ Vernal Pool

Groundwater Outflow
- ☐ Absent
- ☐ Present

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Ephemeral

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☐ Large >4.6 acres
- ☒ Medium 1.1-4.5
- ☐ Small <1 acre

Surficial Geologic Material of watershed
- ☐ Till
- ☒ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland bordering open water
- ☐ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☒ Does not border

Legal Access
- ☐ Yes
- ☒ No

Depth
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☐ Connected to a Small Stream
- ☐ Connected to a River
- ☐ Connected to a Lake
- ☐ Connected to a Combination

Access to Public
- ☐ Within 100 ft of Road
- ☐ Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ >1 person/mile (>320/mi²)
- ☐ 0.5 - 1.9 p/m (160-1220/mi²)
- ☐ <0.5 p/m (<320/mi²)

Local Scarcity
- ☐ 200 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- ☐ 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Completely supports 1 family
- ☐ Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F45
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
0.50	100	BOG
		OTHER
0.50	100	TOTAL

vegetation

	occ	com	dom
Betula lutea	✓		
(Yellow Birch)			
Ulmus americana	✓		
(American Elm)			
Larix laricina		✓	
(Tamarack)			
Nemopanthus mucronata	✓		
(Mountain Holly)			
Picea mariana			✓
(Black Spruce)			
Sphagnum sp.		✓	
(Sphagnum)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Sarracenia purpurea		✓	
(Pitcher Plant)			

inventory

number F45

date 5/11/81

field investigator(s)

D. Magee, P. Clark,

C. Hollands

water quality

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☐ Large >4.5 acres
- ☐ Medium 1.1-4.5
- ☒ Small <1 acre

Surficial Geologic Material of watershed
- ☐ Till
- ☒ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland bordering open water
- ☐ <33%
- ☐ 34-66%
- ☒ 67-100%
- ☐ Does not border

Legal Access
- ☐ Yes
- ☒ No

Price
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Deep <6 ft.
- ☐ Shallow >6 ft.

Social-economical Elements

Accessibility Connection
- ☐ Connection to a Small Stream
- ☐ Connection to a River
- ☐ Connection to a Lake
- ☐ Connection to a Combination

Access to Public
- ☐ Within 100 ft of Road
- ☐ Access by Possible Waterway
- ☒ Isolated

Surrounding Population Density
- ☐ Low Density (<325/mi²)
- ☐ Medium (325-1275/mi²)
- ☐ High (>1276/mi²)

Legal Status(s)
- ☐ 200 ft to nearest similar type
- ☐ 201 to 1000 ft to nearest similar type
- ☐ 1000 ft to nearest similar type

Value (for sales or potential)
- ☐ Low
- ☐ Economic (family for part of year)
- ☐ Moderately economic (family)
- ☐ Extremely valuable commercial resource

Ecological Elements

Dominant Wetland Class
- ☐ Stream or Shoreline wetland
- ☐ Open Fresh water
- ☐ Deep Fresh Marsh
- ☐ Shallow Fresh Marsh
- ☐ Seasonally Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☐ Wooded Swamp
- ☐ Bog
- ☐ Other

Wetland Class Richness
- ☐ 4
- ☐ 3
- ☐ 2
- ☐ 1

Subclass Richness (lateral diversity)
- ☐ >10
- ☐ 7-9
- ☐ 4-6
- ☐ 2-3
- ☐ 1

Interspersion
- ☐ High
- ☐ Moderate
- ☐ Low

Surrounding Habitat
- ☐ >67% of 2 or more of Listed types
- ☐ 34-66% of 1 or more; 95% of >67% of 1 or more of Listed types
- ☐ <33% of 1 or more of Listed types

Cover Type
- ☐ 26-75% Scattered
- ☐ 26-75% Peripheral
- ☐ 75% or >75% Scattered
- ☐ 100% Canopy; <75% or <75% for ground

Percent Open Water
- ☐ 0-25%
- ☐ 26-66%
- ☐ 67-75%
- ☐ 76-100%

Vegetative Species Richness
- ☐ Low
- ☐ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☐ Low
- ☐ Moderate
- ☐ High

Vegetative Density
- ☐ High
- ☐ Moderate
- ☐ Low

Wetland Juxtaposition
- ☐ Highly Favorable
- ☐ Moderately Favorable
- ☐ Unfavorable

Special Elements
- ☐ Aquatic Bird Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other

Topographical Elements

Topographic Configuration
- ☐ Closed Basin
- ☐ Semiclosed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☐ Slight 0-2%
- ☐ Steep >2%

Surrounding Slopes
- ☐ Slight 0-2%
- ☐ Steep >2%

Topographic Position in Watershed
- ☐ Upper
- ☐ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☐ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Depth
- ☐ Igneous and Metamorphic
- ☐ Sedimentary

Mineral Potential
- ☐ Absent
- ☐ High Permeability
- ☐ Low Permeability

Hydrological Elements

Watershed Position
- ☐ Headwater Wetland
- ☐ Water Table Wetland
- ☐ Water Recharge/Discharge Wetland
- ☐ Flow-through Wetland

Transmissivity of Aquifer
- ☐ Low <10,000 ft²/day/ft
- ☐ Moderate 10,000 - 40,000 ft²/day/ft
- ☐ High >40,000 ft²/day/ft

Regional Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☐ Condition 5
- ☐ Condition 6

Hydrologic Connection
- ☐ Not Part of Riverine System
- ☐ Part of Riverine System

Water Level Fluctuation
- ☐ High
- ☐ Low
- ☐ Normal Pool

Groundwater Outflow
- ☐ Absent
- ☐ Present

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Intermittent

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F46
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
3.53	100	WOODED SWAMP
		BOG
		OTHER
3.53	100	TOTAL

vegetation

	occ	com	dom
Larix laricina			✓
(Tamarack)			
Picea mariana		✓	
(Black Spruce)			
Abies balsamea	✓		
(Balsam Fir)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Sphagnum sp.		✓	
(Sphagnum)			
Vaccinium macrocarpon		✓	
(American Cranberry)			
Pinus strobus	✓		
(White Pine)			
Vaccinium corymbosum	✓		
(Highbush Blueberry)			
Kalmia polifolia		✓	
(Bog Laurel)			

inventory

number F46

date 5/11/81

field investigator(s)

D. Magee, P. Clark,

C. Hollands

water quality

Wetland Subclasses
- Stream or Drainage Wetland
- Open Fresh Water
  - Permanently Flooded
  - Intermittently Flooded
- Deep Fresh Marsh
  - Emergent
  - Scrub
  - Shrub-Scrub
  - Forested
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Emergent
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Forested
  - Shrubs and Trees
  - Meadow
  - Forested
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Coniferous
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Drainage wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 2 or more; 90% of 1
- >75% of 3 or more of Listed Types

Edge Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >75% Scattered
- 100% Covers, >75% or >75% Peripheral

Percent Open Water
- 0-25%
- 26-50%
- 51-75%
- 76-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Contamination
- Highly Favorable
- Potentially Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-2%
- Slope >2%

Surrounding Slopes
- Slope 0-2%
- Slope >2%

Topographic Position in Watershed
- Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <40,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Wetland Hydrologic Type
- Connection 1
- Connection 2
- Connection 3
- Connection 4
- Connection 5
- Connection 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Trail Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 15 ft.
- Shallow <15 ft.

Social-economical Elements

Hydrologic Connection
- Connection to a Small Stream
- Connection to a River
- Connection to a Lake
- Connection to a Combination

Access to Public
- within 100 ft of Lake
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 Person/acre (>2/km²)
- 0.5 - 1.0 acre (1620-1215/km²)
- 2 acre (1215/km²)

Local Diversity
- 250 ft to nearest similar type
- 251 to 1000 ft to nearest similar type
- 1001 ft to nearest similar type

Known Uses Value or Potential
- None
- Supports 1 family for part of year
- Supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER F48

FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.50	100	WOODED SWAMP
		BOG
		OTHER _____
0.50	100	TOTAL

Vegetation

	occ	com	dom
Picea mariana			✓
(Black Spruce)			
Betula lutea		✓	
(Yellow Birch)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Ledum groenlandicum		✓	
(Labrador Tea)			
Sphagnum sp.		✓	
(Sphagnum)			

Inventory

number F48

date 5/11/81

field investigator(s)

D. Magee, P. Clark,

C. Hollands

water quality

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.5 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering open water
- <33%
- 34-66%
- 67-100%
- No open water

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Accessibility
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 per square mile (>.326 per km²)
- .5 - 1.9 per (.130-.1226 per km²)
- <.5 per (<.1226 per km²)

Local Diversity
- 250 ft to nearest similar type
- 251 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Visual (from Road or Residence)
- None
- Somewhat visible, for part of year
- Somewhat visible throughout year
- Currently visible commercial interest

Inlet
- Natural
- Perennial, from wetland
- Perennial
- Ephemeral

Outlet
- Natural
- Perennial, to wetland
- Perennial
- Ephemeral

Inlet
- Natural
- Perennial, from wetland
- Perennial
- Ephemeral

Outlet
- Natural
- Perennial, to wetland
- Perennial
- Ephemeral

Inlet
- Natural
- Perennial, from wetland
- Perennial
- Ephemeral

Outlet
- Natural
- Perennial, to wetland
- Perennial
- Ephemeral

Inlet
- Natural
- Perennial, from wetland
- Perennial
- Ephemeral

Outlet
- Natural
- Perennial, to wetland
- Perennial
- Ephemeral

Inlet
- Natural
- Perennial, from wetland
- Perennial
- Ephemeral

Outlet
- Natural
- Perennial, to wetland
- Perennial
- Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F50
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.60	100	WOODED SWAMP
		BOG
		OTHER
0.60	100	TOTAL

vegetation

	occ	com	dom
Fraxinus pennsylvanica			✓
var. subintegerrima			
(Green Ash)			
Acer rubrum		✓	
(Red Maple)			
Betula lutea		✓	
(Yellow Birch)			
Tsuga canadensis		✓	
(Hemlock)			
Acer spicatum	✓		
(Mountain Maple)			
Coptis groenlandica		✓	
(Canker-root)			
Sphagnum sp.		✓	
(Sphagnum)			

inventory

number F50

date 5/22/81

field investigator(s)

D. Maree, P. Clark,

C. Hollands

water quality

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☐ Large >1.6 acres
- ☐ Medium 1.1-1.5
- ☒ Small <1 acre

Surficial Geologic Material of watershed
- ☐ Till
- ☒ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland bordering open water
- ☐ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☒ Does not border

Legal Access
- ☐ Yes
- ☒ No

Relief
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Agricultural Connection
- ☐ Connection to a Small Stream
- ☐ Connection to a River
- ☐ Connection to a Lake
- ☐ Connection to a Combination

Access to Public
- ☐ Access 300 ft of Road
- ☐ Access by Navigable Waterway
- ☒ Isolated

Surrounding Population Density
- ☒ <1 person/acre (<270/mi²)
- ☐ 1-3 p/a (270-770/mi²)
- ☐ >3 p/a (>770/mi²)

Visual Diversity
- ☐ 200 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- ☐ 1000 ft to nearest similar type

Human Use (Present or Potential)
- ☒ None
- ☐ Moderate (family for part of year)
- ☐ Heavily moderate (family)
- ☐ Moderate regular commercial harvest

Inlet
- ☐ Natural
- ☐ Perennial, from wetland ___
- ☐ Intermittent
- ☐ Ephemeral

Inlet
- ☐ Natural
- ☐ Perennial, from wetland ___
- ☐ Intermittent
- ☐ Ephemeral

Outlet
- ☒ Natural
- ☐ Perennial, to wetland ___
- ☐ Intermittent
- ☐ Ephemeral

Outlet
- ☐ Natural
- ☐ Perennial, to wetland ___
- ☐ Intermittent
- ☐ Ephemeral

Wetland Successional Stage
- ☐ Stream or Mineralotrophic Wetland
- ☐ Open Fresh Water
- ☐ Transient Successional
- ☐ Non-Persistent Emergent
- ☐ Persistent Emergent
- ☐ Shrub
- ☐ Forested
- ☐ Needle-Leaved Deciduous
- ☐ Broad-Leaved Deciduous
- ☐ Mixed Needle-Leaved Deciduous-Broad-Leaved Deciduous
- ☐ Needle-Leaved Evergreen
- ☐ Broad-Leaved Evergreen
- ☐ Mixed Needle-Leaved Evergreen-Broad-Leaved Evergreen
- ☐ Open Fresh Water
- ☐ Aquatic Bed
- ☐ Rooted Floating
- ☐ Free Floating
- ☐ Emergent
- ☐ Shrubs and Trees
- ☐ Deciduous
- ☐ Evergreen
- ☐ Dead
- ☐ Rock Bottom
- ☐ Bedrock
- ☐ Boulder
- ☐ Cobble
- ☐ Gravel
- ☐ Sand
- ☐ Aquatic
- ☐ Mud Bottom
- ☐ Organic
- ☐ Vegetated
- ☐ Unvegetated
- ☐ Rock
- ☐ Unconsolidated

Dominant Wetland Class
- ☐ Stream or Mineralotrophic Wetland
- ☐ Open Fresh Water
- ☐ Transient Successional
- ☐ Shallow Fresh Marsh
- ☐ Deeply Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☒ Forested Swamp
- ☐ Bog
- ☐ Other

Wetland Class Richness
- ☐ 4
- ☐ 3
- ☐ 2
- ☒ 1

Successional Richness (Lateral Diversity)
- ☐ 6-10
- ☐ 4-5
- ☐ 2-3
- ☒ 1

Vegetative Interspersion
- ☐ High
- ☐ Moderate
- ☒ Low

Surrounding Habitat
- ☒ >50% of 2 or more of Listed Types
- ☐ 25-50% of 2 or more; >50% of 1
- ☐ >50% of 1 or more of Listed Types

Open Water Type
- ☐ <25% Scattered
- ☐ 25-75% Peripheral
- ☐ 75% or <25% Scattered
- ☒ 100% Central; >75% or <25% Peripheral

Percent Open Water
- ☒ 0-24%
- ☐ 25-49%
- ☐ 50-74%
- ☐ 75-100%

Vegetative Species Richness
- ☒ Low
- ☐ Medium
- ☐ High

Interspersion of Wildlife Food Plants
- ☒ Low
- ☐ Moderate
- ☐ High

Vegetative Density
- ☐ High
- ☒ Moderate
- ☐ Low

Wetland Juxtaposition
- ☐ Highly Favorable
- ☒ Moderately Favorable
- ☐ Unfavorable

Special Elements
- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other ___

Topographical Elements

Topographic Configuration
- ☒ Flood Basin
- ☐ Semi-Closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-2%
- ☐ Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- ☐ Steep >3%

Topographic Position in Watershed
- ☐ Upper
- ☐ Intermediate
- ☒ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☒ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Extent
- ☒ Common and Homogeneous
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☒ Peat, Permeability >4"
- ☐ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- ☐ Water Table Wetland
- ☐ Water Table/Interception Wetland
- ☐ Artesian Wetland

Permeability of Substrate
- ☒ Low <10,000 ml/day/ft
- ☐ Moderate 10,000 - 40,000 ml/day/ft
- ☐ High >40,000 ml/day/ft

Wetland Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☐ Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riverine System
- ☐ Part of Riverine System

Water Level Fluctuation
- ☐ High
- ☒ Low
- ☐ Tidal Pool

Evapotranspiration Outflow
- ☒ Natural
- ☐ Present

Inlet
- ☒ Natural
- ☐ Perennial, from wetland ___
- ☐ Intermittent
- ☐ Ephemeral

Inlet
- ☐ Natural
- ☐ Perennial, from wetland ___
- ☐ Intermittent
- ☐ Ephemeral

Outlet
- ☐ Natural
- ☐ Perennial, to wetland ___
- ☐ Intermittent
- ☐ Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F51
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.70	100	WOODED SWAMP
		BOG
		OTHER _____
0.70	100	TOTAL

vegetation

	occ	com	dom
Betula lutea		✓	
(Yellow Birch)			
Acer rubrum		✓	
(Red Maple)			
Alnus rugosa	✓		
(Speckled alder)			
Nemopanthus mucronata	✓		
(Mountain Holly)			
Acer spicatum	✓		
(Mountain Maple)			
Tsuga canadensis	✓		
(Hemlock)			
Sphagnum sp.		✓	
(Sphagnum)			
Picea mariana	✓		
(Black Spruce)			
Thuja occidentalis	✓		
(Arbor Vitae)			

inventory

number F51

date 5/11/81

field investigator(s)

D. Manes, P. Clark,

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside wetland
- Open fresh water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Emergent
  - Shrub
  - Semi-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Acoustic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside wetland
- Open fresh water
- Deep fresh marsh
- Shallow fresh marsh
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >75% of 2 or more of Listed Types
- 50-75% of 1 or more; 10% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25 Scattered
- 100% Cover; <75% or <25% Peripheral

Percent Open Water
- 0-30%
- 31-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep 2%

Surrounding Slopes
- Slight 0-3%
- Steep 3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability <4'
- Low Permeability

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wet and
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- Stage
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Scale
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 per (160-320/mi²)
- <.5 per (<160/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Human Use Value or Potential
- None
- Supports 1 family for part of year
- Supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F52
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
2.90	100	BOG
		OTHER _____
2.90	100	TOTAL

vegetation

	occ	com	dom
Typha latifolia		✓	
(Cat-tail)			
Pontederia cordata	✓		
(Pickerelweed)			
Picea mariana		✓	
(Black Spruce)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Betula lutea		✓	
(Yellow Birch)			
Nemopanthus mucronata	✓		
(Mountain Holly)			
Sphagnum sp.		✓	
(Sphagnum)			
Larix laricina		✓	
(Tamarack)			
Sarracenia purpurea		✓	
(Pitcher Plant)			

inventory

number F52

date 5/11/81

field investigator(s)

D. Magee, P. Clark, G. Hollands

water quality

Wetland Subclasses
Stream or Brookside Wetland
Open Fresh Water
- [ ] Vegetated Subclass
- [ ] Non Vegetated Subclass

Deep Fresh Marsh
- [ ] Dead Woody
- [ ] Shrub
- [ ] Sub-Shrub
- [ ] Robust
- [ ] Narrow-Leaved
- [ ] Broad-Leaved

Shallow Fresh Marsh
- [ ] Robust
- [x] Narrow-Leaved
- [ ] Broad-Leaved
- [ ] Floating-Leaved

Flood Plain/Flats
- [ ] Emergent
- [ ] Shrubs and Trees

Wet Meadow
- [ ] Unmazed
- [ ] Grazed

Shrub Swamp
- [ ] Sapling
- [ ] Bushy
- [ ] Compact
- [ ] Aquatic

Wooded Swamp
- [ ] Deciduous
- [ ] Evergreen

Bog
- [x] Shrub
- [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [ ] Stream or Brookside Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Nearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [ ] Wooded Swamp
- [x] Bog
- [ ] Other

Wetland Class Richness
- [ ] >5
- [ ] 4
- [ ] 3
- [x] 2
- [ ] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [x] 2-3
- [ ] 1

Vegetative Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [ ] 26-75% Peripheral
- [ ] 75% or <25% Scattered
- [x] 100% Cover; >75% or <25% Peripheral

Percent Open Water
- [x] 0-30%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [x] High
- [ ] Moderate
- [ ] Low

Wetland Juxtaposition
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- [ ] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-3%
- [ ] Steep 3%

Surrounding Slopes
- [x] Slight 0-3%
- [ ] Steep 3%

Topographic Position in Watershed
- [x] Upper
- [ ] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [x] High Permeability >4'
- [ ] Low Permeability

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low >10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [x] Condition 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Vernal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [ ] Absent
- [x] Present, from wetland F-53
- [ ] Perennial
- [x] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- [ ] Large >4.6 acres
- [x] Medium 1.1-4.5
- [ ] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [x] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [ ] <33%
- [ ] 34-66%
- [ ] 67-100%
- [x] Does not border

Legal Access
- [ ] Yes
- [x] No

Fetch
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] within 100 ft of Road
- [ ] Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 Person/acre (<3/mi²)
- [ ] 0.5 - 1.9 p/a (430-1220/mi²)
- [ ] 2 p/a (1220/mi²)

Local Scarcity
- [ ] 200 ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- [ ] >1000 ft to nearest similar type

Known Crop Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [x] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F53
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
14.30	100	WOODED SWAMP
		BOG
		OTHER _____
14.30	100	TOTAL

vegetation

	occ	com	dom
Picea mariana (Black Spruce)			✓
Ledum groenlandicum (Labrador Tea)		✓	
Abies balsamea (Balsam Fir)		✓	
Sphagnum sp. (Sphagnum)		✓	
Larix laricina (Tamarack)		✓	
Pinus strobus (White Pine)	✓		
Thuja occidentalis (Arbor Vitae)	✓		

inventory

number F53

date 5/11/81

field investigator(s)

D. Mappe, B. Clark,

C. Hollands

water quality

Wetland Successes
- Stream or Drainage Wetland
- Open Fresh Water
  - Vegetated Succlass
  - Non-Vegetated Succlass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Meadow
  - Unvegetated
  - Grazed
- Shrub Swamp
  - Shallow
  - Sandy
  - Connect
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Drainage Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Succlass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; >75% or <25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-2%
- Steep >2%

Surrounding Slopes
- Slope 0-11
- Steep >2%

Topographic Position to Water Bod
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Amount
- Mean Permeability >4"
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Part Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Present
- Absent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland F-52
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>326/mi²)
- 0.5 - 1.0 p/a (650-1220/mi²)
- <1 p/a (<1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F54
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.86	100	WOODED SWAMP
		BOG
		OTHER _____
1.86	100	TOTAL

vegetation

	occ	com	dom
Picea mariana (Black Spruce)			✓
Abies balsamea (Balsam Fir)		✓	
Thuja occidentalis (Arbor Vitae)	✓		
Ledum groenlandicum (Labrador Tea)		✓	
Larix laricina (Tamarack)	✓		
Nemopanthus mucronata (Mountain Holly)		✓	
Sphagnum sp. (Sphagnum)		✓	

inventory

number F54

date 5/11/81

field investigator(s)

D. Vasey, P. Clark,

C. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
- Permanent Sandclass
- Non Permafrost Sandclass
- Deep Fresh Marsh
  - Broad Hummy
  - Sphagnum
  - Sedge
  - Reedmat
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Reedmat
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Wet Meadow
  - Emergent
  - Shrubs and Trees
- Fen
  - Meadow
    - Unmarried
    - Grazed
  - Shrub Swamp
    - Sapling
    - Bushy
    - Compact
    - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >25% Scattered
- 100% Covers; <25% or >75% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Peat Permeability
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Vernal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 300 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- <1 Person/acre (<320/mi²)
- 0.5 - 3.0 p/a (650-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 25% ft to nearest similar type
- 25% to 100% ft to nearest similar type
- 100% ft to nearest similar type

Known Use Value or Potential
- None
- Subsists 1 family for part of year
- Completely subsists 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F55
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.75	100	WOODED SWAMP
		BOG
		OTHER _____
0.75	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana (American Elm)			✓
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Acer rubrum (Red Maple)		✓	
Ilex verticillata (Winterberry)	✓		

inventory

number F55

date 5/11/81

field investigator(s)

D. Mapes, P. Clark, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >97% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25 Scattered
- 100% Cover; <75% or >25% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plant
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability <3'

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water table wetland
- Water table/Artesian wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent
  - Ephemeral

Outlet
- Absent
- Present, to wetland ___
  - Perennial
  - Intermittent
  - Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Depth
- Over 7000 ft.
- Under 7000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 Person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Road Density
- 20K ft to nearest similar type
- 20K to 100K ft to nearest similar type
- 100K ft to nearest similar type

Water Cross Value or Potential
- None
- Supports 1 family for part of year
- Exclusively supports 1 family
- Supports sizable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-57
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
2.37	37.0	SHRUB SWAMP
4.04	63.0	WOODED SWAMP
		BOG
		OTHER _____
6.41	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Populus balsamifera		✓	
(Balsam Poplar)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Salix sp.	✓		
(Willow)			
Corylus cornuta		✓	
(Beaked Hazel)			
Ribes glandulosum		✓	
(Gooseberry)			
Alnus rugosa		✓	
(Speckled Alder)			
Abies balsamea	✓		
(Balsam Fir)			
Ulmus americana		✓	
(American Elm)			

inventory

number F-57

date 5/12/81

field investigator(s)

D. Maree, C. Hollands

water quality

Wetland Successor
- Stream or Brookside wetland
- Open Fresh Water
- Ponded Shallow
- Deep Fresh Marsh
- Broad Woody
- Shrub
- Sapling
- Seedling
- Normal
- Narrow-leaved
- Broad-leaved
- Shallow Fresh Marsh
- Normal
- Narrow-leaved
- Broad-leaved
- Floating-leaved
- Flood Plain/Flats
- Emergent
- Shrubs and Trees
- Wet Meadow
- Ungrazed
- Grazed
- Shrub Swamp
- [x] Sapling
- Bushy
- Compact
- Aquatic
- Wooded Swamp
- [x] Deciduous
- Evergreen
- Bog
- Shrub
- Wooded

Ecological Elements

Dominant wetland Class
- Stream or Brookside wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- [x] Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- [x] 3
- 2
- 1

Successional Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- [x] 2-3
- 1

Vegetative Interspersion
- High
- [x] Moderate
- Low

Surrounding Habitat
- >75% of 2 or more of Listed Types
- [x] 50-75% of 2 or more; 90% of 1
- >50% of 1 or more of Listed Types

Edge Types
- 26-75% Scattered
- 26-75% Peripheral
- [x] 25% or <25% Scattered
- 100% Cover; >75% or <25% Peripheral

Percent Open Water
- [x] 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- [x] Medium
- High

Proportion of Wildlife Food Plants
- Low
- [x] Moderate
- High

Vegetative Density
- [x] High
- Moderate
- Low

Wetland Juxtaposition
- [x] Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semiclosed Basin
- [x] Valley
- Hillside

Wetland Gradient
- [x] Slope 0-2%
- Slope >2%

Surrounding Slopes
- [x] Slope 0-3%
- Slope >3%

Topographic Position in Watershed
- Upper
- Intermediate
- [x] Lower

Geological Elements

Surficial Material
- Till
- [x] Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- [x] Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- [x] Low Permeability <4'

Hydrological Elements

Hydrologic Position
- [x] Perched wetland
- Water Table wetland
- Water Table/Artesian Well wetland
- Artesian wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Connection 1
- Connection 2
- Connection 3
- Connection 4
- [x] Connection 5
- Connection 6

Hydrologic Connection
- Not Part of Riverine System
- [x] Part of Riverine System

Water Level Fluctuation
- High
- [x] Low
- Normal Pool

Groundwater Outflow
- [x] Absent
- Present

Inlet
- [x] Absent
- Present, from wetland F-60
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- [x] Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- [x] Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- <33%
- 34-66%
- [x] 67-100%
- Does not border

Legal Access
- Yes
- [x] No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >1 ft.
- Shallow <1 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- [x] Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 dwelling/acre (<325/mi²)
- 0.5 - 1.9 d/a (160-1225/mi²)
- >2 d/a (>1226/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- [x] 1000 ft to nearest similar type

Future Crop Value or Potential
- [x] None
- Supports 1 family for part of year
- Supports 1 family
- Supports viable commercial interest

Deep Hole Lake

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F58
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
0.25	100	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
0.25	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides		✓	
(Trembling Aspen)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Salix sp.		✓	
(Willow)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			

inventory

number F58

date 5/2/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
- Vegetated Subclass
- Non Vegetated Subclass
- Deep Fresh Marsh
- Dead Woody
- Shrub
- Sub-Shrub
- Robust
- Narrow-Leaved
- Broad-Leaved
- Shallow Fresh Marsh
- Robust
- ■ Narrow-Leaved
- Broad-Leaved
- Floating-Leaved
- Flood Plain/Flats
- Emergent
- Shrubs and Trees
- Wet Meadow
- Ungrazed
- Grazed
- Shrub Swamp
- Sapling
- Bushy
- Compact
- Aquatic
- Wooded Swamp
- ■ Deciduous
- Evergreen
- Bog
- Shrub
- Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- ■ Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- ■ 2
- 1

Subclass Richness (Lateral Diversity)
- -10
- 6-9
- 4-5
- ■ 2-3
- 1

Vegetative Interspersion
- High
- ■ Moderate
- Low

Surrounding Habitat
- -90% of 2 or more of Listed Types
- ■ 50-90% of 1 or more; 90% of 1
- -50% of 1 or more of Listed Types

Cover Type
- ■ 26-75% Scattered
- 26-75% Peripheral
- 75% or <25 Scattered
- 100% Cover; -75% or <25% Peripheral

Percent Open Water
- 0-30%
- ■ 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ■ Low
- Medium
- High

Proportion of Wildlife Food Plants
- ■ Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- ■ Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ■ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ■ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ■ Slight 0-3%
- Steep -3%

Surrounding Slopes
- ■ Slight 0-3%
- Steep -3%

Topographic Position in Watershed
- Upper
- ■ Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- ■ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ■ Low Permeability < 3'

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ■ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ■ Condition 6

Hydrologic Connection
- ■ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ■ Low
- Vernal Pool

Groundwater Outflow
- ■ Absent
- Present

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ■ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ■ >1 person/acre (>320/mi²)
- 0.5 - 1.5 p/a (430-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ■ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Other Crop Value or Potential
- ■ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ■ Small <1 acre

Surficial Geologic Material of watershed
- Till
- ■ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ■ Does not border

Legal Access
- Yes
- ■ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-60
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
2.32	10.00	SHRUB SWAMP
20.84	90.00	WOODED SWAMP
		BOG
		OTHER _____
23.16	100	TOTAL

vegetation

	occ	com	dom
Thuja occidentalis (Arbor Vitae)		✓	
Tsuga canadensis (Hemlock)		✓	
Acer rubrum (Red Maple)	✓		
Populus tremuloides (Trembling Aspen)	✓		
Alnus rugosa (Speckled Alder)	✓		
Abies balsamea (Balsam Fir)	✓		
Sphagnum sp. (Sphagnum)		✓	
Betula lutea (Yellow Birch)	✓		
Ulmus americana (American Elm)		✓	
Ribes sp. (Gooseberry)		✓	

inventory

number F-60

date 5/2/81

field investigator(s)

D. Magee, G. Hollands

water quality

Ecological Elements

Special Elements

- Acoustic Study Areas
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Areas
- Other

Topographical Elements

Geological Elements

Surficial Material

- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock

- Igneous and Metamorphic
- Sedimentary

Organic Material

- Absent
- High Permeability <7'
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position

- Perched wetland
- Water Table wetland
- Water Table/depression wetland
- Artesian wetland

Transmissivity of Aquifer

- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Basement Hydrologic Type

- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection

- Head Part of Riparian System
- Part of Riparian System

Water Level Fluctuation

- High
- Low
- Normal Pool

Groundwater Outflow

- Absent
- Present

Inlet

- Absent
- Present, from wetland F-38
- Perennial
- Intermittent

Inlet

- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet

- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Social-economical Elements

Size

- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material

- % watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering

- Open water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access

- Yes
- No

Depth

- Over 2000 ft.
- Under 2000 ft.

Depth of Lake

- Deep >6 ft.
- Shallow <6 ft.

Hydrologic Connection

- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public

- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density

- 1 person/acre (>320/mi²)
- 0.5 - 1.9 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity

- 200 ft to nearest similar type
- 201 to 1600 ft to nearest similar type
- 1600 ft to nearest similar type

Human Use Value or Potential

- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-61
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
2.02	100	WOODED SWAMP
		BOG
		OTHER _____
2.02	100	TOTAL

vegetation

	occ	com	dom
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Betula lutea (Yellow Birch)		✓	
Ulmus americana (American Elm)		✓	
Acer rubrum (Red Maple)		✓	
Populus tremuloides (Trembling Aspen)		✓	
Allium tricoccum (Wild Leek)		✓	
Dicentra cucullaria (Dutchmans Britches)		✓	

inventory

number F-61

date 4/29/81

field investigator(s)

D. Maree, G. Hollands

water quality

Wetland Subclasses
- Stream or Browsette Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Fens Fresh Marsh
  - Deep Marsh
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
  - Emergent
  - Grazed
- Shrub Swamp
  - Swaling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ✓ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Browsette Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ✓ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ✓ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ✓ 1

Vegetative Interspersion
- High
- Moderate
- ✓ Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ✓ 50-90% of 1 or more; 90% of 3
- <50% of 3 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- ✓ 100% Cover; 75% or >25% Peripheral

Percent Open Water
- ✓ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ✓ Low
- Medium
- High

Proportion of Wildlife Food Plants
- ✓ Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- ✓ Low

Wetland Sustainability
- ✓ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ✓ Semi-closed Basin
- ✓ Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- ✓ Steep 2%

Surrounding Slopes
- Slight 0-3%
- ✓ Steep >3%

Topographic Position in Watershed
- Upper
- ✓ Intermediate
- Lower

Geological Elements

Surficial Material
- ✓ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ✓ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ✓ Low Permeability <2'

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- ✓ Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- ✓ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- ✓ Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- ✓ Part of Riparian System

Water Level Fluctuation
- ✓ High
- Low
- Normal Pool

Groundwater Outflow
- ✓ Absent
- Present

Inlet
- ✓ Absent
- Present, from wetland F-52
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- ✓ Medium 1.5-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ✓ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open water
- <33%
- 34-66%
- 67-100%
- ✓ Does not border

Legal Access
- Yes
- ✓ No

Depth of Lake
- Deep >6 ft.
- ✓ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ✓ Connective to a Small Stream
- Connective to a River
- Connective to a Lake
- Connective to a Combination

Access to Public
- ✓ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ✓ 1 Person/acre (>320/mi²)
- 6.5 - 1.5 p/a (4320-1220/mi²)
- 2 p/a (<1220/mi²)

Local Scarcity
- ✓ 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- >1000 ft to nearest similar type

Human Use Value or Potential
- ✓ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports visible commercial interest

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland F-60
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-62
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
7.31	100	WOODED SWAMP
		BOG
		OTHER _____
7.31	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Betula lutea		✓	
(Yellow Birch)			
Calamagrostis canadensis	✓		
(Blue-Joint Grass)			
Ulmus americana		✓	
(American Elm)			
Acer spicatum	✓		
(Mountain Maple)			
Tsuga canadensis		✓	
(Hemlock)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Thuja occidentalis		✓	
(Arbor Vitae)			
Sphagnum sp.		✓	
(Sphagnum)			

inventory

number F-62

date 4/29/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Successes
Stream or Brookside Wetland
Open Fresh Water
[ ] Vegetated Successes
[ ] Non Vegetated Successes
Deep Fresh Marsh
[ ] Dead Woody
[ ] Shrub
[ ] Sub-Shrub
[ ] Robust
[ ] Narrow-Leaved
[ ] Broad-Leaved
Shallow Fresh Marsh
[ ] Robust
[ ] Narrow-Leaved
[ ] Broad-Leaved
[ ] Flotting-Leaved
Flood Plain/Flats
[ ] Emergent
[ ] Shrubs and Trees
Wet Meadow
[ ] Ungrazed
[ ] Grazed
Shrub Swamp
[ ] Sapling
[ ] Bushy
[ ] Compact
[ ] Aquatic
Wooded Swamp
[ ] Deciduous - Dominant
[ ] Evergreen
Bog
[ ] Shrub
[ ] Wooded

Ecological Elements

Dominant Wetland Class
[ ] Stream or Brookside Wetland
[ ] Open Fresh Water
[ ] Deep Fresh Marsh
[ ] Shallow Fresh Marsh
[ ] Yearly Flooded Flood Plain
[ ] Wet Meadow
[ ] Shrub Swamp
[ ] Wooded Swamp
[ ] Bog
[ ] Other

Wetland Class Richness
[ ] 5
[ ] 4
[ ] 3
[ ] 2
[ ] 1

Succession Richness (Lateral Diversity)
[ ] 10
[ ] 6-9
[ ] 4-5
[ ] 2-3
[ ] 1

Vegetative Interspersion
[ ] High
[ ] Moderate
[ ] Low

Surrounding Habitat
[ ] >90% of 2 or more of Listed Types
[ ] 50-90% of 1 or more; 90% of 1
[ ] <50% of 1 or more of Listed Types

Cover Type
[ ] 26-75% Scattered
[ ] 26-75% Peripheral
[ ] 75% or <25% Scattered
[ ] 100% Cover; >75% or <25% Peripheral

Percent Open Water
[ ] 0-33%
[ ] 34-66%
[ ] 67-95%
[ ] 96-100%

Vegetative Species Richness
[ ] Low
[ ] Medium
[ ] High

Proportion of Wildlife Food Plants
[ ] Low
[ ] Moderate
[ ] High

Vegetative Density
[ ] High
[ ] Moderate
[ ] Low

Wetland Juxtaposition
[ ] Highly Favorable
[ ] Moderately Favorable
[ ] Unfavorable

Special Elements

[ ] Aquatic Study Area
[ ] Sanctuary or Refuge
[ ] Wildlife Management Area
[ ] Fisheries Management Area
[ ] Educational Study Area
[ ] Historical Area
[ ] Other

Topographical Elements

Topographic Configuration
[ ] Closed Basin
[ ] Semi-closed Basin
[ ] Valley
[ ] Hillside

Wetland Gradient
[ ] Slight 0-3%
[ ] Steep >3%

Surrounding Slopes
[ ] Slight 0-3%
[ ] Steep >3%

Topographic Position in Watershed
[ ] Upper
[ ] Intermediate
[ ] Lower

Geological Elements

Surficial Material
[ ] Till
[ ] Stratified Sand and Gravel
[ ] Stratified Fine Sand and Silt
[ ] Alluvium

Bedrock
[ ] Igneous and Metamorphic
[ ] Sedimentary

Organic Material
[ ] Absent
[ ] High Permeability
[ ] Low Permeability

Hydrological Elements

Hydrologic Position
[ ] Perched Wetland
[ ] Water Table Wetland
[ ] Water Table/Artesian Wetland
[ ] Artesian Wetland

Transmissivity of Aquifer
[ ] Low <10,000 gal/day/ft
[ ] Moderate 10,000 - 40,000 gal/day/ft
[ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
[ ] Condition 1
[ ] Condition 2
[ ] Condition 3
[ ] Condition 4
[ ] Condition 5
[ ] Condition 6

Hydrologic Connection
[ ] Not Part of Riparian System
[ ] Part of Riparian System

Water Level Fluctuation
[ ] High
[ ] Low
[ ] Vernal Pool

Groundwater Outflow
[ ] Absent
[ ] Present

Inlet
[ ] Absent
[ ] Present, from wetland
[ ] Perennial
[ ] Ephemeral

Inlet
[ ] Absent
[ ] Present, from wetland
[ ] Perennial
[ ] Ephemeral

Outlet
[ ] Absent
[ ] Present, to wetland
[ ] Perennial
[ ] Ephemeral

Outlet
[ ] Absent
[ ] Present, to wetland
[ ] Perennial
[ ] Ephemeral

F-61 Culvert at Road

Inlet
[ ] Absent
[ ] Present, from wetland F-63
[ ] Perennial
[ ] Ephemeral

Inlet
[ ] Absent
[ ] Present, from wetland
[ ] Perennial
[ ] Ephemeral

Inlet
[ ] Absent
[ ] Present, from wetland
[ ] Perennial
[ ] Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
[ ] Large >4.6 acres
[ ] Medium 1.1-4.5
[ ] Small <1 acre

Surficial Geologic Material of Watershed
[ ] Till
[ ] Stratified sand and gravel
[ ] Stratified fine sand and silt
[ ] Alluvium

Percent Wetland Bordering Open Water
[ ] <33%
[ ] 34-66%
[ ] 67-100%
[ ] Does not border

Legal Access
[ ] Yes
[ ] No

Fetch
[ ] Over 2000 ft.
[ ] Under 2000 ft.

Depth of Lake
[ ] Deep >6 ft.
[ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
[ ] Connected to a Small Stream
[ ] Connected to a River
[ ] Connected to a Lake
[ ] Connected to a Combination

Access to Public
[ ] Within 100 ft of Road
[ ] Access by Passable Waterway
[ ] Isolated

Surrounding Population Density
[ ] >1 person/acre (>320/mi²)
[ ] 0.5 - 1.9 p/a (430-1220/mi²)
[ ] <.5 p/a (<1220/mi²)

Local Security
[ ] 200 ft to nearest similar type
[ ] 201 to 1000 ft to nearest similar type
[ ] 1000 ft to nearest similar type

Known Cross Value or Potential
[ ] None
[ ] Supports 1 family for part of year
[ ] Completely supports 1 family
[ ] Supports viable commercial interests

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-63
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
8.59	89.1	WOODED SWAMP
1.05	10.9	BOG
		OTHER _____
9.64	100	TOTAL

vegetation

	occ	com	dom
Picea rubens (Red Spruce)			✓
Tsuga canadensis (Hemlock)		✓	
Larix laricina (Tamarack)	✓		
Ledum groenlandicum (Labrador Tea)		✓	
Chamaedaphne calyculata (Leatherleaf)		✓	
Sphagnum sp. (Sphagnum)		✓	
Vaccinium macrocarpon (American Cranberry)		✓	
Picea mariana (Black Spruce)		✓	

inventory

number F-63

date 4/29/81

field investigator(s)

D. Magee, C. Hollands

water quality

wetland Subclasses
- Stream or Brookside wetland
- Open fresh water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
    - Unerased
    - Grazed
  - Shrub Swamp
    - Sapling
    - Bushy
    - Compact
    - Dwarfed
  - Wooded Swamp
    - Deciduous
    - Evergreen
  - Bog
    - Shrub
    - Wooded

Ecological Elements

Present Wetland Class
- Stream or Brookside wetland
- Open fresh water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flowered Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >40% of 2 or more of Little Types
- 50-90% of 1 or more; 90% o
- <50% of 1 or more of Little Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; 75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Water Shed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability >7'
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wet and
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Principal hydrologic type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Vernal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Outlet
- Absent
- Present, to wetland F-62
  - Perennial
  - Intermittent

Outlet
- Absent
- Present, to wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Boat Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep <1 ft.
- Shallow <1 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Future Use Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-64
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
4.54	100	BOG
		OTHER _____
4.54	100	TOTAL

vegetation

	occ	com	dom
Picea mariana (Black Spruce)		✓	
Larix laricina (Tamarack)	✓		
Chamaedaphne calyculata (Leatherleaf)			✓
Glyceria canadensis (Manna Grass)		✓	
Vaccinium macrocarpon (American Cranberry)	✓		
Carex sp. (Sedge)			✓

inventory

number F-64

date 4/29/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non-Vegetated Subclass
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Inland Flats/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
  - Emergent
  - Grassy
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Forested Swamp
  - Deciduous
  - Evergreen
- Fen
  - [x] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Inland Flats
- Bog
- Shrub Swamp
- Forested Swamp
- [x] Fen
- Other

Wetland Class Richness
- 6
- 5
- 4
- 3
- 2
- [x] 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- [x] 1

Vegetative Interspersion
- High
- [x] Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Little Types
- [x] 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Little Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 25% or <25% Scattered
- [x] 100% Cover; >75% or <75% Peripheral

Percent Open Water
- [x] 0-30%
- 31-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- [x] Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- [x] Moderate
- High

Vegetative Density
- [x] High
- Moderate
- Low

Wetland Juxtaposition
- [x] Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- [x] Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- [x] Slight 0-3%
- Steep >3%

Surrounding Slopes
- [x] Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Lower
- [x] Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- [x] Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- [x] Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- [x] High Permeability >7' peat
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- [x] Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- High
- [x] Low
- Vernal Pool

Groundwater Outflow
- Absent
- [x] Present

Inlet
- Absent
- [x] Present, from wetland E-5
- Perennial
- [x] Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- [x] Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- [x] Does not border

Legal Access
- Yes
- [x] No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [x] Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 person/acre (<375/mi²)
- 1-3 / acre (432-1220/mi²)
- >3 / acre (>1220/mi²)

Legal Security
- [x] 750 ft to nearest similar type
- 751 to 1500 ft to nearest similar type
- 1500 ft to nearest similar type

Other Crop Value or Potential
- [x] None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Outlet
- Absent
- [x] Present, to wetland
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-65
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
2.52	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
2.52	100	TOTAL

vegetation

	occ	com	dom
Tsuga canadensis		✓	
(Hemlock)			
Acer rubrum		✓	
(Red Maple)			
Picea rubens		✓	
(Red Spruce)			
Betula lutea	✓		
(Yellow Birch)			
Nemopanthus mucronata	✓		
(Mountain Holly)			
Abies balsamea	✓		
(Balsam Fir)			
Sphagnum sp.	✓		
(Sphagnum)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Salix sp.		✓	
(Willow)			
Spiraea latifolia		✓	
(Meadowsweet)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			

inventory

number F-65

date 4/29/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Open Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - ☒ Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- ☒ Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- ☒ 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- ☒ 2-3
- 1

Vegetative Interspersion
- High
- ☒ Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- ☒ 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; >75% or >75% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- ☒ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ☒ Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- ☒ Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ☒ High Permeability <4"
- Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ☒ Condition 5
- Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- Absent
- ☒ Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- ☒ Present, to wetland F-64
- Perennial
- ☒ Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- ☒ Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >4.6 acres
- ☒ Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Water
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☒ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.9 p/a (160-1220/mi²)
- ☒ 2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Human Cross Value or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-66
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
3.13	19.3	SHRUB SWAMP
13.07	80.7	WOODED SWAMP
		BOG
		OTHER
16.20	100	TOTAL

vegetation

	occ	com	dom
Ilex verticillata		✓	
(Winterberry)			
Tsuga canadensis			✓
(Hemlock)			
Picea mariana		✓	
(Black Spruce)			
Betula lutea		✓	
(Yellow Birch)			
Salix sp.	✓		
(Willow)			
Calamagrostis canadensis	✓		
(Blue-Joint)			
Abies balsamea		✓	
(Balsam Fir)			
Sphagnum sp.		✓	
(Sphagnum)			
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Quercus muehlenbergii	✓		
(Bur Oak)			
Alnus rugosa	✓		
(Speckled Alder)			

inventory

number F-66

date 4/29/81

field investigator(s)

D. Meese, G. Hollands

water quality

Wetland Subclasses
- Stream or Shoreline Wetland
- Deep Fresh Water
  - Permanent Subclass
  - Non Permanent Subclass
- Deep Fresh Marsh
  - Reed Swamp
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Fringe Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
    - Unmarred
    - Grazed
  - Shrub Swamp
    - ✓ Sapling
    - Bushy
    - Cedared
    - Acoustic
  - Wooded Swamp
    - Deciduous
    - ✓ Evergreen
- Fen
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Shoreline Wetland
- Deep Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Partly Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- ✓ Wooded Swamp
- Fen
- Other

Wetland Class Richness
- 5
- 4
- 3
- ✓ 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- ✓ 2-3
- 1

Vegetative Interspersion
- ✓ High
- Moderate
- Low

Surrounding Habitat
- ✓ 95% of 2 or more of Listed Types
- 50-90% of 3 or more; 90% of >50% of 3 or more of Listed Types
- Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- ✓ 100% Cover; >75% or >25% Peripheral

Percent Open Water
- ✓ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ✓ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ✓ Moderate
- High

Vegetative Density
- High
- ✓ Moderate
- Low

Wetland Juxtaposition
- ✓ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ✓ Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ✓ Slight 0-2%
- Steep >2%

Surrounding Slopes
- ✓ Slight 0-5%
- Steep >2%

Topographic Position in Watershed
- ✓ Lower
- Intermediate
- Lower

Geological Elements

Surficial Material
- ✓ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ✓ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ✓ High Permeability <4' peat
- Low Permeability

Hydrological Elements

Hydrologic Position
- ✓ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ✓ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Wetland Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Head Part of Riverine System
- ✓ Part of Riverine System

Water Level Fluctuation
- ✓ High
- Low
- Normal Pool

Groundwater Outflow
- ✓ Absent
- Present

Inlet
- ✓ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- ✓ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- ✓ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- ✓ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- ✓ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- ✓ Absent
- Present, to wetland F-65
- Perennial
- Intermittent

very poor connection

Outlet
- ✓ Absent
- Present, to wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ✓ Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ✓ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- <33%
- 34-66%
- 67-100%
- ✓ Does not border

Legal Access
- Yes
- ✓ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ✓ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- ✓ Isolated

Surrounding Population Density
- ✓ <1 Person/acre (<325/mi²)
- 0.5 - 1.9 p/a (650-1225/mi²)
- 2 p/a (1226/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ✓ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Human Use Value or Potential
- ✓ None
- Supports 1 family, for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-69
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.01	100	WOODED SWAMP
		BOG
		OTHER _____
1.01	100	TOTAL

inventory

number F-69

date 5/2/81

field investigator(s)

D. Maree, C. Hollands

water quality

vegetation

	occ	com	dom
Alnus rugosa		✓	
(Speckled Alder)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Betula lutea	✓		
(Yellow Birch)			
Ilex verticillata		✓	
(Winterberry)			
Populus tremuloides		✓	
(Trembling Aspen)			
Onoclea sensibilis		✓	
(Sensitive Fern)			
Acer spicatum	✓		
(Mountain Maple)			
Ulmus americana		✓	
(American Elm)			
Corylus cornuta		✓	
(Beaked Hazel)			

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Ecological Elements

Dominant Wetland Class
- Stream or Drainage wetland
- Open fresh water
- Swamp fresh marsh
- Shallow fresh marsh
- Deep fresh marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >95% of 2 or more of Little Types
- 50-95% of 2 or more; 95% a 1
- <50% of 1 or more of Little Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >25 Scattered
- 100% Cover; <75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Water Bod
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Wide Permeability > 7'
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wet and
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Present Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Most Part of Riparian Sys on
- Part of Riparian System

Water Level Fluctuation
- Large
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Depth
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>326/mi²)
- 0.5 - 1.0 acre (430-1220/mi²)
- 2 a/a (1220/mi²)

Local Scarcity
- 25% to nearest similar type
- 25% to 1500 ft to nearest similar type
- 1500 ft to nearest similar type

Value (Use Value or Potential)
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-70
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.70	100	WOODED SWAMP
		BOG
		OTHER
1.70	100	TOTAL

inventory

number: F-70

date: 5/2/81

field investigator(s): D. Magee, G. Hollands

water quality

vegetation

	occ	com	dom
Typha latifolia			✓
(Cattail)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Acer rubrum		✓	
(Red Maple)			
Betula lutea	✓		
(Yellow Birch)			
Chamaedaphne calyculata	✓		
(Leatherleaf)			
Ulmus americana		✓	
(American Elm)			
Fraxinus americana		✓	
(White Ash)			
Tilia americana		✓	
(Basswood)			

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - ☒ Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrub and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ☒ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- ☒ 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- ☒ 2-3
- 1

Vegetative Interspersion
- ☒ High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- ☒ 100% Cover; >75% or >25% Peripheral

Dominant Open Water
- ☒ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- High
- ☒ Moderate
- Low

Wetland Sustainability
- Highly Favorable
- Moderately Favorable
- ☒ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ☒ Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- ☒ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ☒ Low Permeability <4'

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wet and
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Normal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ☒ Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- Large >4.5 acres
- ☒ Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- >1 person/acre (>3/0/mi²)
- 0.5 - 1.9 p/a (430-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- ☒ 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Animal Crop Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-72
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
4.14	100	WOODED SWAMP
		BOG
		OTHER _____
4.14	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides		✓	
(Trembling Aspen)			
Fraxinus nigra		✓	
(Black Ash)			
Betula lutea	✓		
(Yellow Birch)			
Allium tricoccum			✓
(Wild Leek)			
Pteretis pensylvanica	✓		
(Ostrich Fern)			
Dicentra cucullaria		✓	
(Dutchmans Britches)			
Clintonia borealis	✓		
(Clintonia)			
Fraxinus americana		✓	
(White Ash)			
Sanguinaria canadensis	✓		
(Bloodroot)			

inventory

number F-72

date 7/29/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside wetland
- Open Fresh water
  - Permanently Flooded
  - Intermittently Flooded
- Deep Fresh Marsh
  - Broad-leaved
  - Narrow-Leaved
- Shallow Fresh Marsh
  - Broad-Leaved
  - Narrow-Leaved
  - Floating-Leaved
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Broad-Leaved
  - Needle-Leaved
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside wetland
- Open Fresh water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Deeply Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (lateral flow site)
- 10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; >75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semiclosed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability <2"

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Present Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does Not Border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (640-1220/mi²)
- <.5 p/a (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Human Use Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports sizable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-81
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
0.35	100	DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
0.35	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana (American Elm)		✓	
Betula lutea (Yellow Birch)		✓	
B. Papyrifera (Paper Birch)	✓		
Impatiens capensis (Jewelweed)	✓		

inventory

number F-81

date 5/1/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Emergent
  - Shrub
  - Sub-Shrub
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
    - Unmowed
    - Grazed
  - Shrub Swamp
    - Sapling
    - Bushy
    - Coniferous
    - Deciduous
    - Evergreen
  - Wooded
    - Shrub
    - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Forested Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 90-95% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or +25% Scattered
- 100% Cover; +75% or +25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semiclosed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-3%
- Slope >3%

Surrounding Slopes
- Slope 0-3%
- Slope >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability <2'

Hydrological Elements

Groundwater Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian Wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 Person/acre (>325/mi²)
- 0.5 - 1.0 p/a (650-1220/mi²)
- 2 p/a (>1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- None
- Currently supports 1 family, for part of year
- Currently supports 1 family
- Currently viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F86
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.25	100	WOODED SWAMP
		BOG
		OTHER _____
0.25	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Ulmus americana		✓	
(American Elm)			
Populus tremuloides		✓	
(Trembling Aspen)			
Acer spicatum	✓		
(Mountain Maple)			
Betula papyrifera	✓		
(Paper Birch)			
Corylus cornuta	✓		
(Beaked Hazel)			

inventory

number F86

date 5/1/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - [ ] Vegetated Subclass
  - [ ] Non Vegetated Subclass
- Deep Fresh Marsh
  - [ ] Dead Woody
  - [ ] Shrub
  - [ ] Sub-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Flood Plain/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Wet Meadow
  - [ ] Ungrazed
  - [ ] Grazed
- Shrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Compact
  - [ ] Aquatic
- Wooded Swamp
  - [x] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [ ] Stream or Brookside Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Seasonally Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [x] Wooded Swamp
- [ ] Bog
- [ ] Other _____

Wetland Class Richness
- [ ] >5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [ ] 26-75% Peripheral
- [ ] 75% or >25% Scattered
- [x] 100% Cover; >75% or >25% Peripheral

Percent Open Water
- [x] 0-33%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [x] Moderate
- [ ] Low

Wetland Juxtaposition
- [ ] Highly Favorable
- [ ] Moderately Favorable
- [x] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other _____

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- [ ] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-3%
- [ ] Steep >3%

Surrounding Slopes
- [x] Slight 0-3%
- [ ] Steep >3%

Topographic Position in Watershed
- [x] Upper
- [ ] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [ ] High Permeability
- [x] Low Permeability <2'

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [x] Condition 6

Hydrologic Connection
- [x] Not Part of Riparian System
- [ ] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Vernal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [x] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- [ ] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland Bordering Open water
- [ ] <33%
- [ ] 34-66%
- [ ] 67-100%
- [x] Does not border

Legal Access
- [ ] Yes
- [x] No

Fetch
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [x] Within 100 ft of Road
- [ ] Access by Passable Waterway
- [ ] Isolated

Surrounding Population Density
- [x] >1 Person/acre (>320/mi²)
- [ ] 0.5 - 1.9 pop (430-1220/mi²)
- [ ] <2 acre (1220/mi²)

Local Scarcity
- [ ] 250 ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- [ ] 1000 ft to nearest similar type

Known Crop Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F87
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.75	100	WOODED SWAMP
		BOG
		OTHER
0.75	100	TOTAL

vegetation

	occ	com	dom
Populus tremuloides		✓	
(Trembling Aspen)			
Betula lutea	✓		
(Yellow Birch)			
Acer rubrum	✓		
(Red Maple)			
Abies balsamea	✓		
(Balsam Fir)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Acer spicatum		✓	
(Mountain Maple)			
Ribes sp.	✓		
(Gooseberry)			

inventory

number 787

date 5/1/81

field investigator(s)

D. Magee

G. Hollands

water quality

wetland Subclasses
- Stream or Brawlsier Wetland
- Open fresh water
- Vegetated Subclass
- Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Semi-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Scalling
  - Burnt
  - Compact
  - Aquatic
- Wooded Swamp
  - ☒ Deciduous
  - ☐ Evergreen
- Bog
  - ☐ Shrub
  - ☐ wooded

Ecological Elements

Dominant Wetland Class
- ☐ Stream or Brawsier wetland
- ☐ Open fresh water
- ☐ Deep Fresh Marsh
- ☐ Shallow Fresh Marsh
- ☐ Nearly Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☒ Wooded Swamp
- ☐ Bog
- ☐ Other _____

Wetland Class Richness
- ☐ 5
- ☐ 4
- ☐ 3
- ☐ 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- ☐ >10
- ☐ 6-9
- ☐ 4-5
- ☐ 2-3
- ☒ 1

Vegetative Interspersion
- ☐ High
- ☒ Moderate
- ☐ Low

Surrounding Habitat
- ☐ >9% of 2 or more of Listed types
- ☒ 50-90% of 1 or more; 90% of >50% of 1 or more of Listed types
- ☐ >50% of 1 or more of Listed types

Cover Type
- ☐ 26-75% Scattered
- ☐ 26-75% Peripheral
- ☐ 75% or >25% Scattered
- ☒ 100% Cover; >75% or >25% Peripheral

Percent Open Water
- ☒ 0-33%
- ☐ 34-66%
- ☐ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ☐ Low
- ☒ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☐ Low
- ☐ Moderate
- ☐ High

Vegetative Density
- ☐ High
- ☒ Moderate
- ☐ Low

Wetland Juxtaposition
- ☐ Highly favorable
- ☐ Moderately favorable
- ☒ Unfavorable

Special Elements

- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other _____

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- ☐ Semi-closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-2%
- ☐ Steep >2%

Surrounding Slopes
- ☒ Slight 0-2%
- ☐ Steep >2%

Topographic Position in Watershed
- ☒ Upper
- ☐ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☒ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☐ High Permeability
- ☒ Low Permeability < 4' muck

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- ☒ Perched wetland
- ☐ Water Table wetland
- ☐ Water Table/Artesian wetland
- ☐ Artesian wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Dominant Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☐ Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riverine System
- ☐ Part of Riverine System

Water Level Fluctuation
- ☐ High
- ☒ Low
- ☐ Vernal Pool

Groundwater Outflow
- ☒ Absent
- ☐ Present

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
  - ☐ Perennial
  - ☐ Intermittent

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
  - ☐ Perennial
  - ☐ Intermittent

Outlet
- ☒ Absent
- ☐ Present, to wetland ___
  - ☐ Perennial
  - ☐ Intermittent

Outlet
- ☒ Absent
- ☐ Present, to wetland ___
  - ☐ Perennial
  - ☐ Intermittent

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
  - ☐ Perennial
  - ☐ Intermittent

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
  - ☐ Perennial
  - ☐ Intermittent

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
  - ☐ Perennial
  - ☐ Intermittent

Size
- ☐ Large >4.6 acres
- ☐ Medium 1.1-4.5
- ☒ Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- ☐ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland Bordering Open water
- ☐ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☒ Does not border

Legal Access
- ☐ Yes
- ☒ No

Relief
- ☐ Over 2000 ft.
- ☐ under 2000 ft.

Depth of Lake
- ☐ Deep >1 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☐ Connected to a Small Stream
- ☐ Connected to a River
- ☐ Connected to a Lake
- ☐ Connected to a Combination

Access to Public
- ☒ within 1000 ft of land
- ☐ Access by Passable waterway
- ☐ Isolated

Surrounding Population Density
- ☒ <1 Person/acre (<320/mi²)
- ☐ 0.5 - 1.9 p/a (160-320/mi²)
- ☐ >2 p/a (>320/mi²)

Local Scarcity
- ☐ 25C ft to nearest similar type
- ☒ 251 to 1000 ft to nearest similar type
- ☐ >1000 ft to nearest similar type

Known Economic Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Exclusively supports 1 family
- ☐ Supports sizable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F90
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
0.27	100	DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
0.27	100	TOTAL

vegetation

	occ	com	dom
Typha latifolia			✓
(Cat-tail)			
Salix sp.		✓	
(Willow)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Scirpus cyperinus	✓		
(Wool-grass)			

inventory

number F90

date 5/1/91

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
Stream or Shoreline Wetland
Open Fresh Water
☒ Vegetated Subclass
☐ Non Vegetated Subclass
Deep Fresh Marsh
☐ Dead Woody
☐ Shrub
☐ Sub-Shrub
☐ Robust
☐ Narrow-Leaved
☐ Broad-Leaved
Shallow Fresh Marsh
☐ Robust
☐ Narrow-Leaved
☐ Broad-Leaved
☐ Floating-Leaved
Flood Plain/Flats
☐ Emergent
☐ Shrubs and Trees
Wet Meadow
☐ Ungrazed
☐ Grazed
Shrub Swamp
☐ Sapling
☐ Bushy
☐ Compact
☐ Aquatic
Wooded Swamp
☐ Deciduous
☐ Evergreen
Bog
☐ Shrub
☐ Wooded

Ecological Elements
Dominant Wetland Class
☐ Stream or Shoreside Wetland
☐ Open Fresh Water
☐ Deep Fresh Marsh
☐ Shallow Fresh Marsh
☐ Yearly Flooded Flood Plain
☐ Wet Meadow
☐ Shrub Swamp
☐ Wooded Swamp
☐ Bog
☐ Other
Wetland Class Richness
☐ 4
☐ 3
☐ 2
☒ 1
Subclass Richness (Lateral Diversity)
☐ >10
☐ 6-9
☐ 4-5
☐ 2-3
☒ 1
Vegetative Interspersion
☐ High
☐ Moderate
☒ Low
Surrounding Habitat
☐ >75% of 2 or more of Listed Types
☒ 50-75% of 2 or more; 90% of 1
☐ >50% of 1 or more of Listed Types
Cover Type
☐ 26-75% Scattered
☐ 26-75% Peripheral
☒ 25% or <25% Scattered
☐ 100% Cover; >25% or <25% Peripheral
Percent Open Water
☐ 0-25%
☐ 26-66%
☒ 67-95%
☐ 96-100%
Vegetative Species Richness
☒ Low
☐ Medium
☐ High
Proportion of Wildlife Food Plants
☒ Low
☐ Moderate
☐ High
Vegetative Density
☐ High
☐ Moderate
☒ Low
Wetland Juxtaposition
☐ Highly Favorable
☐ Moderately Favorable
☒ Unfavorable

Special Elements
☐ Aquatic Study Area
☐ Sanctuary or Refuge
☐ Wildlife Management Area
☐ Fisheries Management Area
☐ Educational Study Area
☐ Historical Area
☐ Other

Topographical Elements
Topographic Configuration
☒ Flood Basin
☐ Semi-Closed Basin
☐ Valley
☐ Hillside

Wetland Gradient
☒ Slope 0-2%
☐ Slope >2%
Surrounding Slopes
☒ Slope 0-8%
☐ Slope >8%
Topographic Position in Watershed
☐ Upper
☒ Intermediate
☐ Lower

Geological Elements
Surficial Material
☐ Till
☒ Stratified Sand and Gravel
☐ Stratified fine Sand and Silt
☐ Alluvium
Bedrock
☒ Igneous and Metamorphic
☐ Sedimentary
Organic Material
☒ Absent
☐ High Permeability
☐ Low Permeability

Hydrological Elements
Hydrologic Position
☒ Perched Wetland
☐ Water Table Wetland
☐ Water Table/Artesian Wetland
☐ Artesian Wetland
Transmissivity of Aquifer
☒ Low <10,000 gal/day/ft
☐ Moderate 10,000 - 40,000 gal/day/ft
☐ High >40,000 gal/day/ft
Natural Hydrologic Type
☐ Condition 1
☐ Condition 2
☐ Condition 3
☐ Condition 4
☐ Condition 5
☒ Condition 6
Hydrologic Connection
☒ Not Part of Riparian System
☐ Part of Riparian System
Water Level Fluctuation
☐ High
☒ Low
☐ Vernal Pool
Groundwater Outflow
☒ Absent
☐ Present
Inlet
☒ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Intermittent
Inlet
☒ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Intermittent
Outlet
☒ Absent
☐ Present, to wetland ___
☐ Perennial
☐ Intermittent
Outlet
☒ Absent
☐ Present, to wetland ___
☐ Perennial
☐ Intermittent

Inlet
☐ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Intermittent
Inlet
☐ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Intermittent
Outlet
☐ Absent
☐ Present, to wetland ___
☐ Perennial
☐ Intermittent
Outlet
☐ Absent
☐ Present, to wetland ___
☐ Perennial
☐ Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
☐ Large >4.6 acres
☐ Medium 1.1-4.5
☒ Small <1 acre
Surficial Geologic Material of watershed
☐ Till
☐ Stratified sand and gravel
☐ Stratified fine sand and silt
☐ Alluvium
Percent wetland Bordering Open Water
☐ <33%
☐ 34-66%
☐ 67-100%
☐ Does not border
Legal Access
☐ Yes
☒ No
Fetch
☐ Over 2000 ft.
☐ Under 2000 ft.
Depth of Lake
☐ Over 16 ft.
☐ Shallow <6 ft.

Social-economical Elements
Hydrologic Connection
☐ Connected to a Small Stream
☐ Connected to a River
☐ Connected to a Lake
☐ Connected to a Combination
Access to Public
☒ within 100 ft of Road
☐ Access by Passable Waterway
☐ Isolated
Surrounding Population Density
☒ <1 Person/acre (<325/mi²)
☐ 0.5 - 1.9 ppa (160-320/mi²)
☐ 2 p/a (>320/mi²)
Parcel Size/Use
☐ 200 ft to nearest similar type
☐ 751 to 1000 ft to nearest similar type
☒ 1000 ft to nearest similar type
Owner Crop Value or Potential
☒ None
☐ Supports 1 family for part of year
☐ Completely supports 1 family
☐ Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F-114
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
0.31	100	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER
0.31	100	TOTAL

vegetation

	occ	com	dom
Carex spp. (Sedge)		✓	
Acer rubrum (Red Maple)	✓		
Ulmus americana (American Elm)	✓		
Picea mariana (Black Spruce)	✓		
Sphagnum spp. (Sphagnum)		✓	
Salix spp. (Salix)	✓		

inventory

number F-114

date 4/28/81

field investigator(s)

D. Mosse, G. Hollands

water quality

Wetland Subclasses
- Stream or Drainage Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Emergent
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Coniferous
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Drainage Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; >75% or <25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semiclosed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability <2' thick

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Vernal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Outlet
- Absent
- Present, to wetland ___
  - Perennial
  - Intermittent

Outlet
- Absent
- Present, to wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Size
- Large >6.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Construction

Access to Public
- Within 100 ft of Road
- Access by Passable waterway
- Isolated

Surrounding Population Density
- <1 person/acre (<325/mi²)
- 1-3 p/a (325-1225/mi²)
- >3 p/a (>1225/mi²)

Local Scarcity
- >2 mi to nearest similar type
- 201 to 1000 ft to nearest similar type
- 100 ft to nearest similar type

Human Uses Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F116
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.59	100	WOODED SWAMP
		BOG
		OTHER
0.59	100	TOTAL

vegetation

	occ	com	dom
Picea rubens			✓
(Red Spruce)			
Picea mariana		✓	
(Black Spruce)			
Sphagnum sp.		✓	
(Sphagnum)			
Coptis groenlandica		✓	
(Canker-root)			

inventory

number 5116

date 7/29/93

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
Stream or Brookside Wetland
Open fresh water
- Unrestricted Subclass
- Non Vegetated Subclass

Deep Fresh Marsh
- Broad Woody
- Narrow
- Sub-Shrub
- Robust
- Narrow-Leaved
- Broad-Leaved

Shallow Fresh Marsh
- Robust
- Narrow-Leaved
- Broad-Leaved
- Floating-Leaved

Flood Plain/Flats
- Emergent
- Shrubs and Trees

Wet Meadow
- Ungrazed
- Grazed

Shrub Swamp
- Sapling
- Bushy
- Coniferous
- Deciduous

Wooded Swamp
- Deciduous
- ■ Evergreen

Bog
- Shrub
- Wooded

Ecological Elements

Dominant Wetland Class
Stream or Brookside Wetland
Open Fresh Water
Open Fresh Marsh
Shallow Fresh Marsh
Deep Fresh Marsh
Seasonally Flooded Flood Plain
Wet Meadow
Shrub Swamp
■ Wooded Swamp
Bog
Other _____

Wetland Class Richness
- >6
- 4
- 3
- 2
- ■ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ■ 1

Vegetative Interspersion
- High
- Moderate
- ■ Low

Surrounding Habitat
- ■ >50% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- >50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25 Scattered
- ■ 100% Cover; 75% or >25% Peripheral

Percent Open Water
- ■ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ■ Low
- Medium
- High

Proportion of Wildlife Food Plants
- ■ Low
- Moderate
- High

Vegetative Density
- ■ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ■ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other _____

Topographical Elements

Topographic Configuration
- ■ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

wetland gradient
- ■ Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- ■ Steep >2%

Topographic Position on Watershed
- ■ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- ■ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ■ Mineral Permeability >7" per hr
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- ■ High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ■ Condition 6

Hydrologic Connection
- ■ Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- ■ Low
- Vernal Pool

Groundwater Outflow
- ■ Absent
- Present

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- ■ Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ■ Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- ■ Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- ■ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- ■ Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- Large >6.6 acres
- Medium 1.1-6.5
- ■ Small <1 acre

Surficial Geologic Material
of watershed
- Till
- ■ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ■ Does not border

Legal Access
- Yes
- ■ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connection to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- ■ Isolated

Surrounding Population Density
- ■ >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ■ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Value (Crop Value or Potential)
- ■ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F119
FLIGHT, PHOTO NUMBER(S) 5-37

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.11	100	WOODED SWAMP
		BOG
		OTHER
1.11	100	TOTAL

vegetation

	occ	com	dom
Larix laricina		✓	
(Tamarack)			
Acer rubrum		✓	
(Red Maple)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Picea mariana		✓	
(Black Spruce)			
Pinus strobus	✓		
(White Pine)			

inventory

number F119

date 5/12/91

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Permanently Flooded
  - Intermittently Flooded
- Deep Fresh Marsh
  - Broad Emergent
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Dominant
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >75% of 2 or more of Listed Types
- 50-90% of 3 or more; 90% of 2
- >50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; <75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- Thin
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Toxonomic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability < 4"
- Low Permeability

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- Large
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Outlet
- Absent
- Present, to wetland ___
- Perennial
- (Ephemeral)

Outlet
- Absent
- Present, to wetland ___
- Perennial
- (Ephemeral)

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Reach
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Construction

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >5 Persons/acre (>320/mi²)
- 0.5 - 1.9 are (80-320/mi²)
- 2 are (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Value (Crop Value or Potential)
- None
- Supports 1 family for part of year
- (Potentially supports 1 family)
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F121
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.25	100	WOODED SWAMP
		BOG
		OTHER _____
0.25	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Betula lutea	✓		
(Yellow Birch)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Tsuga canadensis	✓		
(Hemlock)			
Coptis groenlandica		✓	
(Canker-root)			
Sphagnum sp.		✓	
(Sphagnum)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Betula papyrifera	✓		
(Paper Birch)			

inventory

number F121

date 5/12/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - [ ] Vegetated Subclass
  - [ ] Non Vegetated Subclass
- Deep Fresh Marsh
  - [ ] Dead Woody
  - [ ] Shrub
  - [ ] Sub-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Flood Plain/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Wet Meadow
  - [ ] Ungrazed
  - [ ] Grazed
- Shrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Compact
  - [ ] Aquatic
- Wooded Swamp
  - [x] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [ ] Stream or Brookside Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [x] Wooded Swamp
- [ ] Bog
- [ ] Other _____

Wetland Class Richness
- [ ] -5
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Subclass Richness (Lateral Diversity)
- [ ] -10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Vegetative Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [ ] -90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [ ] 26-75% Peripheral
- [ ] 75% or <25 Scattered
- [x] 100% Cover; -75% or <25% Peripheral

Percent Open Water
- [x] 0-30%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [x] Moderate
- [ ] Low

Wetland Juxtaposition
- [ ] Highly Favorable
- [ ] Moderately Favorable
- [x] Unfavorable

Special Elements
- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other _____

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- [ ] Semi-closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-3%
- [ ] Steep -3%

Surrounding Slopes
- [ ] Slight 0-3%
- [x] Steep -3%

Topographic Position in Watershed
- [x] Upper
- [ ] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [x] High Permeability >4'
- [ ] Low Permeability

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [x] Condition 6

Hydrologic Connection
- [x] Not Part of Riparian System
- [ ] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Vernal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [x] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- [ ] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [x] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [ ] <33%
- [ ] 34-66%
- [ ] 67-100%
- [x] Does not border

Legal Access
- [ ] Yes
- [x] No

Fetch
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 person/acre (<320/mi²)
- [ ] 0.5 - 1.9 p/a (430-1220/mi²)
- [ ] 2 p/a (1220/mi²)

Local Scarcity
- [x] 250 ft to nearest similar type
- [ ] 201 to 1000 ft to nearest similar type
- [ ] 1000 ft to nearest similar type

Known Crop Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F122
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.55	100	WOODED SWAMP
		BOG
		OTHER _____
0.55	100	TOTAL

vegetation

	occ	com	dom
Tsuga canadensis (Hemlock)		✓	
Betula lutea (Yellow Birch)	✓		
Acer rubrum (Red Maple)		✓	
Larix laricina (Tamarack)	✓		
Picea mariana (Black Birch)		✓	
Ledum groenlandicum (Labrador Tea)		✓	
Typha latifolia (Cat-tail)	✓		

inventory

number F122

date 5/12/81

field investigator(s)

D. Mecce

G. Hollands

water quality .

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Permanent
  - Intermittent
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
  - Unvegetated
  - Grassy
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- X Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- X 1

Subclass Richness (Lateral Diversity)
- >10
- 7-9
- 4-6
- 3
- X 1-2

Vegetative Interspersion
- High
- X Moderate
- Low

Surrounding Habitat
- >75% of 2 or more of Little Types
- X 50-90% of 1 or more; 90% o 1
- <50% of 1 or more of Little Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25 Scattered
- X 100% Cover; >75% or <25% Peripheral

Percent Open Water
- X 0-30%
- 31-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- X Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- X Moderate
- High

Vegetative Density
- High
- X Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- X Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- X Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- X Slope 0-3%
- Slope >3%

Surrounding Slopes
- Slope 0-3%
- X Slope >3%

Topographic Position in Watershed
- X Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- X Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- X Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- X High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- X Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- X Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- X Condition 6

Hydrologic Connection
- Not Part of Riparian System
- X Part of Riparian System

Water Level Fluctuation
- High
- X Low
- Vernal Pool

Groundwater Outflow
- X Absent
- Present

Inlet
- X Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- X Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- X Small <1 acre

Surficial Geologic Material of watershed
- Till
- X Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- X Does not border

Legal Access
- Yes
- X No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- X Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- X <1 Person/acre (<325/mi²)
- 1.5 - 3.9 p/a (480-1225/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- X 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Value (Use Value or Potential)
- X None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F122A
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
0.20	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER
0.20	100	TOTAL

vegetation

	occ	com	dom
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Betula lutea (Yellow Birch)		✓	
Ulmus americana (American Elm)		✓	
Alnus rugosa (Speckled Alder)		✓	
Typha latifolia (Cat-tail)		✓	

inventory

number F122A

date 5/12/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Permanent Subclass
  - Non Permanent Subclass
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flowooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- 50-90% of 3 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25 Scattered
- 100% Cover; <75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Toxonremic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Toxonremic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetlands
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 sq/day/ft
- Moderate 10,000 - 40,000 sq/day/ft
- High >40,000 sq/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity
- 250 ft to nearest similar type
- 251 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Owner (Use Value or Potential)
- None
- Supports 1 family, for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F125
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
0.50	50.0	SHRUB SWAMP
0.50	50.0	WOODED SWAMP
		BOG
		OTHER
1.00	100	TOTAL

vegetation

inventory

number F125

date 5/12/81

field investigator(s)

D. Magee

C. Hollands

water quality

	occ	com	dom
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Tsuga canadensis		✓	
(Hemlock)			
Betula lutea	✓		
(Yellow Birch)			
Tilia americana	✓		
(Basswood)			
Acer rubrum		✓	
(Red Maple)			
Salix sp.	✓		
(Willow)			
Nemopanthus mucronata	✓		
(Mountain Holly)			

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
- Vegetated Shallows
- Non Vegetated Shallows
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Coniferous
  - Deciduous
- Wooded Swamp
  - Deciduous
  - Coniferous
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >75% of 2 or more of Listed Types
- 50-90% of 2 or more; 90% of 1
- >50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >25 Scattered
- >75% Cover; <75% or <25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semiclosed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-2%
- Slope >2%

Surrounding Slopes
- Slope 0-2%
- Slope >2%

Topographic Position in Watershed
- Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability >4"
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Wet Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- >33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- <.5 p/a (<160/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Economic Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F126
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
1.20	100	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
1.20	100	TOTAL

vegetation

	occ	com	dom
Typha latifolia		✓	
(Cat-tail)			
Carex sp.		✓	
(Sedge)			
Pontederia cordata	✓		
(Pickerelweed)			
Acer rubrum	✓		
(Red Maple)			
Betula lutea	✓		
(Yellow Birch)			

inventory

number F126

date 5/12/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Subclasses
- Stream or Brookside wetland
- Open Fresh water
- Vegetated Subclass
- Non Vegetated Subclass
- Deep Fresh Marsh
  - Emergent
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - [x] Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unmowed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Coniferous
  - Deciduous
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant wetland Class
- Stream or Brookside wetland
- Open Fresh water
- Deep Fresh Marsh
- [x] Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 4
- 3
- 2
- [x] 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 4-5
- 2-3
- [x] 1

Vegetative Interspersion
- High
- [x] Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 76-75% Scattered
- 76-75% Peripheral
- 75% or <25 Scattered
- [x] 100% Cover; 75% or <25% Peripheral

Percent Open Water
- [x] 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- [x] Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- [x] Moderate
- High

Vegetative Density
- High
- [x] Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- [x] Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- [x] Slight 0-3%
- Steep 3%

Surrounding Slopes
- Slight 0-3%
- [x] Steep 3%

Topographic Position in Watershed
- [x] Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- Till
- [x] Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- [x] Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- [x] High Permeability >4"
- Low Permeability

Hydrological Elements

Hydrologic Position
- [x] Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- [x] Condition 6

Hydrologic Connection
- [x] Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- [x] Low
- Normal Pool

Groundwater Outflow
- [x] Absent
- Present

Inlet
- [x] Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- [x] Absent
- Present, from wetland
- Perennial
- Ephemeral

Outlet
- [x] Absent
- Present, to wetland
- Perennial
- Ephemeral

Outlet
- [x] Absent
- Present, to wetland
- Perennial
- Ephemeral

Inlet
- [x] Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- [x] Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- [x] Absent
- Present, from wetland
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- [x] Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- <33%
- 34-66%
- 67-100%
- [x] Does not border

Legal Access
- Yes
- [x] No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- [x] Isolated

Surrounding Population Density
- [x] Low/Intermediate (<320/mi²)
- 0.5 - 1.9 acre (430-1220/mi²)
- 2 a/a (1220/mi²)

Land Scarcity
- 200 ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Action (Crop Value or Potential)
- [x] None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports sizable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER F127
FLIGHT, PHOTO NUMBER(S) 5-38

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.00	100	WOODED SWAMP
		BOG
		OTHER _____
1.00	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana			✓
(American Elm)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Acer saccharum	✓		
(Sugar Maple)			
Arisaema triphyllum	✓		
(Jack-in-the-Pulpit)			
Athyrium filix-femina	✓		
(Lady Fern)			
Viola sp.		✓	
(Violet)			
Onoclea sensibilis		✓	
(Sensitive Fern)			
Carex sp.			✓
(Sedge)			
Equisetum fluviatile		✓	
(Horsetail)			
Acer rubrum		✓	
(Red Maple)			
Betula lutea	✓		
(Yellow Birch)			
Acer spicatum	✓		
(Mountain Maple)			
Ribes sp.	✓		
(Gooseberry)			
Sphagnum sp.		✓	
(Sphagnum)			

inventory

number F127

date 5/21/81

field investigator(s)

D. Magee

G. Hollands

water quality

wetland Successes
Stream or Brookside Wetland
Open Fresh Water
Permanent Successless
Non-Persistent Successless
Deep Fresh Marsh
Dead Woody
Shrub
Sub-Shrub
Robust
Narrow-Leaved
Broad-Leaved
Shallow Fresh Marsh
Robust
Narrow-Leaved
Broad-Leaved
Floating-Leaved
Flood Plain/Flats
Emergent
Shrubs and Trees
Bog
Meadow
Unwooded
Treed
Shrub Swamp
Sapling
Bushy
Dwarf
Coniferous
Aquatic
Wooded Swamp
Deciduous
Evergreen
Fen
Shrub
Wooded

Ecological Elements

Dominant wetland Class
Stream or Brookside Wetland
Open Fresh Water
Deep Fresh Marsh
Shallow Fresh Marsh
Seasonally Flooded Flood Plain
Bog
Meadow
Shrub Swamp
Wooded Swamp
Other

Wetland Class Richness
6
5
4
3
2
1

Successional Richness (Lateral Diversity)
10
6-9
4-5
2-3
1

Successional Interspersion
High
Moderate
Low

Surrounding Habitat
>90% of 2 or more of Listed Types
50-90% of 1 or more; not of 1
<50% of 1 or more of Listed Types

Cover Type
26-75% Scattered
26-75% Peripheral
75% or >75% Scattered
100% Cover; >75% or >75% Peripheral

Percent Open Water
0-30%
31-66%
67-95%
96-100%

Vegetative Species Richness
Low
Medium
High

Proportion of Wildlife Food Plants
Low
Moderate
High

Vegetative Density
High
Moderate
Low

Wetland Juxtaposition
Highly Favorable
Moderately Favorable
Unfavorable

Special Elements

Aquatic Study Area
Sanctuary or Refuge
Wildlife Management Area
Fisheries Management Area
Educational Study Area
Historical Area
Other

Topographical Elements

Topographic Configuration
Closed Basin
Semi-Closed Basin
Valley
Hillside

Wetland Gradient
Slight 0-2%
Steep >2%
Surrounding Slopes
Slight 0-2%
Steep >2%
Topographic Position in Watershed
Upper
Intermediate
Lower

Geological Elements

Surficial Material
Till
Stratified Sand and Gravel
Stratified Fine Sand and Silt
Alluvium
Bedrock
Igneous and Metamorphic
Sedimentary
Drainage Material
Absent
High Permeability
Low Permeability

Hydrological Elements

Hydrologic Position
Perched Wetland
Water Table Wetland
Water Table/Artesian Wetland
Artesian Wetland
Transmissivity of Aquifer
Low <10,000 gal/day/ft
Moderate 10,000 - 40,000 gal/day/ft
High >40,000 gal/day/ft
Dominant Hydrologic Type
Condition 1
Condition 2
Condition 3
Condition 4
Condition 5
Condition 6
Hydrologic Connection
Not Part of Riparian System
Part of Riparian System
Water Level Fluctuation
High
Low
Normal Pool
Groundwater Outflow
Absent
Present
Inlet
Absent
Present, from wetland ___
Perennial
Intermittent
Inlet
Absent
Present, from wetland ___
Perennial
Intermittent
Outlet
Absent
Present, to wetland ___
Perennial
Intermittent
Outlet
Absent
Present, to wetland ___
Perennial
Intermittent
Inlet
Absent
Present, from wetland ___
Perennial
Intermittent
Inlet
Absent
Present, from wetland ___
Perennial
Intermittent
Inlet
Absent
Present, from wetland ___
Perennial
Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
Large >40.5 acres
Medium 8.1-40.5
Small <8 acres
Surficial Geologic Material of watershed
Till
Stratified sand and gravel
Stratified fine sand and silt
Alluvium
Percent Wetland Bordering Open Water
<33%
34-66%
67-100%
Does not border
Legal Access
Yes
No
Fetch
Over 2000 ft.
Under 2000 ft.
Depth of Zone
Deep >6 ft.
Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
Connected to a Small Stream
Connected to a River
Connected to a Lake
Connected to a Combination
Access to Public
Within 100 ft of Road
Access by Possible Waterway
Isolated
Surrounding Population Density
>1 Person/acre (>320/mi²)
0.5 - 1.0 p/a (640-1220/mi²)
<.5 p/a (<320/mi²)
Local Diversity
200 ft to nearest similar type
201 to 1000 ft to nearest similar type
1000 ft to nearest similar type
Human Uses (Value or Potential)
None
Supports 1 family for part of year
Completely supports 1 family
Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER G1
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.31	100	WOODED SWAMP
		BOG
		OTHER _____
0.31	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum		✓	
(Red Maple)			
Populus tremuloides	✓		
(Trembling Aspen)			
Thuja occidentalis	✓		
(Arbor Vitae)			
Abies balsamea	✓		
(Balsam Fir)			
Tsuga canadensis	✓		
(Hemlock)			
Ilex verticillata	✓		
(Winterberry)			
Betula lutea		✓	
(Yellow Birch)			
Coptis groenlandica		✓	
(Canker-root)			
Picea mariana	✓		
(Black Spruce)			

inventory

number G1

date 5/11/81

field investigator(s)

D. Magee, P. Clark,

G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Pond
  - Fresh water
  - Brackish Subclass
  - Non Brackish Subclass
- Bog
  - Fresh Marsh
  - Deep Marsh
  - Shrub
  - Shrub/Swamp
  - Thicket
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Fen
  - Meadow
  - Wooded
  - Grassed
- Swamp
  - Shrub
  - Scrub
  - Sapling
  - Bushy
  - Connect
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Deep Marsh
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- >50% of 1 or more of Listed Types

Cover Type
- 75-75% Scattered
- 25-75% Peripheral
- 75% or >75% Scattered
- 100% Cover; 75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Succession
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Taxonomic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Permanent
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Permanent
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Permanent
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Permanent
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Permanent
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Permanent
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Permanent
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fresh
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (640-1220/mi²)
- <.5 p/a (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Shore Use below or Potential
- None
- Supports 1 family for part of year
- Exclusively supports 1 family
- Supports visible commercial basement

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER H1
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
0.60	3.3	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
16.40	89.8	WOODED SWAMP
1.26	6.9	BOG
		OTHER
18.26	100	TOTAL

vegetation

	occ	com	dom
Picea mariana (Black Spruce)			✓
Larix laricina (Tamarack)		✓	
Ledum groenlandicum (Labrador Tea)		✓	
Vaccinium macrocarpon (American Cranberry)		✓	
Sphagnum sp. (Sphagnum)		✓	
Chamaedaphne calyculata (Leatherleaf)	✓		
Abies balsamea (Balsam Fir)		✓	

inventory

number X1

date 5/2/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
Stream or Drainage Wetland
Open Fresh Water
Unvegetated Subclass
Non-Vegetated Subclass
Deep Fresh Marsh
Dead Woody
Shrub
Sub-Shrub
Robust
Narrow-Leaved
Broad-Leaved
Shallow Fresh Marsh
Robust
Narrow-Leaved
Broad-Leaved
Floating-Leaved
Flood Plain/Flats
Emergent
Shrubs and Trees
Bog
Meadow
Unvegetated
Grazed
Shrub Swamp
Sapling
Bushy
Compact
Hummocky
Wooded Swamp
Deciduous
Evergreen
Bog
Shrub
Wooded

Ecological Elements

Dominant Wetland Class
Stream or Drainage Wetland
Open Fresh Water
Deep Fresh Marsh
Shallow Fresh Marsh
Nearly Flooded Flood Plain
Bog Meadow
Shrub Swamp
Wooded Swamp
Bog
Other

Wetland Class Richness
5
4
3
2
1

Subclass Richness (Lateral Diversity)
10
8-9
6-5
3-4
2-3
1

Vegetative Interspersion
High
Moderate
Low

Surrounding Habitat
>90% of 2 or more of Little Types
50-90% of 1 or more; 90% o 1
<50% of 1 or more of Little Types

Cover Type
75-75% Scattered
75-75% Peripheral
75% or <25 Scattered
100% Cover; <75% or <25% Peripheral

Percent Open Water
0-30%
34-66%
67-95%
96-100%

Vegetative Species Richness
Low
Medium
High

Proportion of Wildlife Food Plants
Low
Moderate
High

Vegetative Density
High
Moderate
Low

Wetland Juxtaposition
Highly Favorable
Moderately Favorable
Unfavorable

Special Elements

Aquatic Study Area
Sanctuary or Refuge
Wildlife Management Area
Fisheries Management Area
Educational Study Area
Historical Area
Other

Topographical Elements

Topographic Configuration
Closed Basin
Semi-closed Basin
Valley
Hillside

Wetland Gradient
Slight 0-2%
Steep >2%
Surrounding Slopes
Slight 0-2%
Steep 2%
Topographic Position to Water Bod
Lower
Intermediate
Lower

Geological Elements

Surficial Material
Till
Stratified Sand and Gravel
Stratified Fine Sand and Silt
Alluvium
Bedrock
Igneous and Metamorphic
Sedimentary
Organic Material
Absent
Mod Permeability >7'
Low Permeability

Hydrological Elements

Hydrologic Position
Perched Wetland
Water Table Wetland
Water Table/Artesian Wetland
Artesian Wetland
Transmissivity of Aquifer
Low <10,000 gal/day/ft
Moderate 10,000 - 40,000 gal/day/ft
High >40,000 gal/day/ft

Regional Hydrologic Type
Condition 1
Condition 2
Condition 3
Condition 4
Condition 5
Condition 6

Hydrologic Connection
Not Part of Riparian System
Part of Riparian System

Water Level Fluctuation
High
Low
Normal Pool

Groundwater Outflow
Absent
Present

Inlet
Absent
Present, from wetland ___
Perennial
Intermittent

Inlet
Absent
Present, from wetland ___
Perennial
Intermittent

Outlet
Absent
Present, to wetland
Perennial
Intermittent

Outlet
Absent
Present, to wetland ___
Perennial
Intermittent

Inlet
Absent
Present, from wetland ___
Perennial
Intermittent

Inlet
Absent
Present, from wetland ___
Perennial
Intermittent

Inlet
Absent
Present, from wetland ___
Perennial
Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
Large >4.6 acres
Medium 1.1-4.5
Small <1 acre
Surficial Geologic Material of watershed
Till
Stratified sand and gravel
Stratified fine sand and silt
Alluvium
Percent wetland Bordering Open Water
<33%
34-66%
67-100%
Does not border
Legal Access
Yes
No
Fetch
Over 2000 ft.
Under 2000 ft.
Depth of Lake
Deep >6 ft.
Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
Connected to a Small Stream
Connected to a River
Connected to a Lake
Connected to a Combination
Access to Public
Within 100 ft of Road
Access by Possible Waterway
Isolated
Surrounding Population Density
<1 person/acre (<320/mi²)
0.5 - 1.9 p/a (640-1220/mi²)
2 p/a (1270/mi²)
Road Density
250 ft to nearest similar type
251 to 1000 ft to nearest similar type
1000 ft to nearest similar type
Open Free Water or Potential
None
Converts 1 family for part of year
Completely converts 1 family
Converts viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER II
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.48	100	WOODED SWAMP
		BOG
		OTHER _____
0.48	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Betula lutea	✓		
(Yellow Birch)			
Populus tremuloides		✓	
(Trembling Aspen)			
Salix sp.		✓	
(Willow)			
Pyrus arbutifolia	✓		
(Choke Berry)			
Tsuga canadensis	✓		
(Hemlock)			

inventory

number 11

date 5/2/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Successes
- Stream or Brookside Wetland
- Open Fresh Water
  - Unvegetated Sandbar
  - Open Vegetated Sandbar
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Meadow
  - Unmowed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Connect
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Success Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vertative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >95% of 2 or more of Listed Types
- 55-90% of 1 or more; 90% if 1
- >50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; >75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Organ Permeability
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >1 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>326/mi²)
- 0.5 - 1.0 p/a (650-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Other (Map Value or Potential)
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER J1
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.50	100	WOODED SWAMP
		BOG
		OTHER _____
0.50	100	TOTAL

vegetation

	occ	com	dom
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Ulmus americana (American Elm)		✓	
Populus tremuloides (Trembling Aspen)		✓	
Acer spicatum (Mountain Maple)		✓	
Abies balsamea (Balsam Fir)	✓		
Betula lutea (Yellow Birch)	✓		

inventory

number J1

date 5/2/81

field investigator(s)

D. Vagge

G. Hollands

water quality .

Ecological Elements

Dominant wetland Class
- ☐ Stream or Drainage Wetland
- ☐ Open Fresh Water
- ☐ Open Fresh Marsh
- ☐ Shallow Fresh Marsh
- ☐ Deep Fresh Marsh
- ☐ Shallow Swamp
- ☒ Forested Swamp
- ☐ Bog
- ☐ Other

Wetland Class Richness
- ☐ 5
- ☐ 4
- ☐ 3
- ☐ 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- ☐ >10
- ☐ 6-9
- ☐ 4-5
- ☐ 2-3
- ☒ 1

Vegetative Interspersion
- ☐ High
- ☐ Moderate
- ☒ Low

Surrounding Habitat
- ☐ >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 3
- ☐ <50% of 1 or more of Listed Types

Cover Type
- ☐ 25-75% Scattered
- ☐ 25-75% Peripheral
- ☐ 75% or >25% Scattered
- ☒ 100% Cover; >75% or >25% Peripheral

Percent Open Water
- ☐ 0-30%
- ☐ 34-66%
- ☒ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ☒ Low
- ☐ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☒ Low
- ☐ Moderate
- ☐ High

Vegetative Density
- ☐ High
- ☐ Moderate
- ☒ Low

Wetland Juxtaposition
- ☐ Highly Favorable
- ☐ Moderately Favorable
- ☒ Unfavorable

Special Elements

- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other

Topographical Elements

Toposequence Configuration
- ☒ Closed Basin
- ☐ Semi-Closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-2%
- ☐ Steep >2%

Surrounding Slopes
- ☐ Slight 0-2%
- ☒ Steep >2%

Toposequence Position in Watershed
- ☒ Upper
- ☐ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☒ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☐ High Permeability
- ☒ Low Permeability <2'

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- ☐ Water Table Wetland
- ☐ Water Table/Artesian Wet and
- ☐ Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Dominant Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☐ Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☐ Not Part of Riparian System
- ☐ Part of Riparian System

Water Level Fluctuation
- ☒ High
- ☐ Low
- ☐ Normal Pool

Groundwater Outflow
- ☒ Absent
- ☐ Present

Inlet
- ☒ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ (Intermittent)

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ (Intermittent)

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ (Intermittent)

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ (Intermittent)

Outlet
- ☒ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ (Intermittent)

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ (Intermittent)

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☐ Large >4.6 acres
- ☐ Medium 1.1-4.5
- ☒ Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- ☐ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland Bordering Open Water
- ☐ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☒ Does not border

Legal Access
- ☐ Yes
- ☒ No

Relief
- ☐ Over 2000 ft.
- ☐ Under 2000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☐ Connected to a Small Stream
- ☐ Connected to a River
- ☐ Connected to a Lake
- ☐ Connected to a Combination

Access to Public
- ☐ Within 100 ft of Road
- ☐ Access by Passable waterway
- ☒ Isolated

Surrounding Population Density
- ☒ <1 Person/acre (<320/mi²)
- ☐ 0.5 - 1.9 p/a (430-1220/mi²)
- ☐ >2 p/a (>1220/mi²)

Local Scarcity
- ☐ 200 ft to nearest similar type
- ☐ 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Present Use Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Exclusively supports 1 family
- ☐ Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER K1
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
0.05	100	OTHER Streamside Wetland
0.05	100	TOTAL

vegetation

	occ	com	dom
Populus tremuloides		✓	
(Trembling Aspen)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Ulmus americana	✓		
(American Elm)			
Corylus cornuta	✓		
(Beaked Hazel)			
Betula lutea	✓		
(Yellow Birch)			
Acer rubrum		✓	
(Red Maple)			
Acer spicatum	✓		
(Mountain Maple)			

inventory

number K1

date 4/29/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- [x] Stream or Brookside wetland
- Open Fresh Water
  - [ ] Permanently Flooded Subclass
  - [ ] Non Permanent Subclass
- Deep Fresh Marsh
  - [ ] Dead woody
  - [ ] Shrub
  - [ ] Sub-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Flood Plain/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Bog
  - [ ] Poisson
  - [ ] Emergent
  - [ ] Grasses
- Shrub Swamp
  - [ ] Sapling
  - [ ] Bushy
  - [ ] Compact
  - [ ] Aquatic
- Wooded Swamp
  - [x] Deciduous
  - [ ] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [x] Stream or Brookside Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Bog
- [ ] Shrub Swamp
- [ ] Wooded Swamp
- [ ] Other

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [x] 2
- [ ] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 8-9
- [ ] 4-5
- [x] 2-3
- [ ] 1

Vegetative Interspersion
- [ ] High
- [x] Moderate
- [ ] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 25-75% Scattered
- [ ] 25-75% Peripheral
- [ ] 75% or >25% Scattered
- [x] 100% Cover; <75% or >25% Peripheral

Percent Open Water
- [x] 0-30%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [x] Moderate
- [ ] Low

Wetland Juxtaposition
- [ ] Highly Favorable
- [x] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [ ] Semi-closed Basin
- [x] Valley
- [ ] Hillside

Wetland Gradient
- [ ] Slight 0-2%
- [x] Steep >2%

Surrounding Slopes
- [ ] Slight 0-2%
- [x] Steep >2%

Topographic Position in Watershed
- [ ] Upper
- [ ] Intermediate
- [x] Lower

Geological Elements

Surficial Material
- [x] Till
- [ ] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [x] Absent
- [ ] High Permeability
- [ ] Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- [x] Perched wetland
- [ ] Water Table wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [x] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [ ] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [x] High
- [ ] Low
- [ ] Normal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from wetland K-2
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Size
- [ ] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland bordering Open Water
- [x] <33%
- [ ] 34-66%
- [ ] 67-100%
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Depth
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Deep >6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [x] Within 150 ft of Road
- [ ] Access by Possible Waterway
- [ ] Isolated

Surrounding Population Density
- [x] >1 Person/acre (>325/mi²)
- [ ] 0.5 - 1.0 p/a (160-325/mi²)
- [ ] <.5 p/a (<160/mi²)

Local Scarcity
- [ ] 250 ft to nearest similar type
- [ ] 251 to 1000 ft to nearest similar type
- [x] 1000 ft to nearest similar type

Known Use Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Exclusively supports 1 family
- [ ] Supports viable commercial interest

Outlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___ Off-site
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER K2
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
5.55	100	WOODED SWAMP
		BOG
		OTHER _____
5.55	100	TOTAL

Vegetation

	occ	com	dom
Thuja occidentalis		✓	
(Arbor Vitae)			
Picea rubens		✓	
(Red Spruce)			
Alnus rugosa		✓	
(Speckled Alder)			
Sphagnum sp.		✓	
(Sphagnum)			
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Betula lutea	✓		
(Yellow Birch)			
Coptis groenlandica	✓		
(Canker-root)			

Inventory

number K2

date 4/29/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses

Stream or Brooksize Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Fringe Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ☒ Deciduous
  - ☒ Evergreen—Dominant
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brooksize Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ☒ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- ☒ 2-3
- ☒ 1

Vegetative Interspersion
- High
- ☒ Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- ☒ 100% Cover; 75% or <25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- ☒ Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ☒ Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- ☒ Steep >3%

Topographic Position in Watershed
- Upper
- ☒ Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ☒ High Permeability >7'
- Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ☒ Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- ☒ Present, from wetland K-3
- Perennial
- ☒ Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- ☒ Present, to wetland K-1
- Perennial
- ☒ Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- ☒ Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☒ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ☒ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ☒ >1 Person/acre (>320/mi²)
- 0.5 - 1.9 p/a (160-1220/mi²)
- >2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER K3
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
13.62	100	WOODED SWAMP
		BOG
		OTHER
13.62	100	TOTAL

Vegetation

	occ	com	dom
Abies balsamea (Balsam Fir)		✓	
Ilex verticillata (Winterberry)	✓		
Larix laricina (Tamarack)	✓		
Picea rubens (Red Spruce)			✓
Sphagnum sp. (Sphagnum)		✓	
Ledum groenlandicum (Labrador Tea)		✓	
Nemopanthus mucronata (Mountain Holly)	✓		
Coptis groenlandica (Canker-root)		✓	
Acer rubrum (Red Maple)	✓		

Inventory

number K3

date 4/29/81

field investigator(s)

D. Magee,

C. Hollands

water quality

Wetland Subclasses
- Stream or Drainage wetland
- Open Fresh Water
  - Permanent
  - Intermittent Subclass
  - Non-Permanent Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Tidal Flats/Flats
  - Emergent
  - Shrubs and Trees
- Bog Meadow
  - Unmatted
  - Grassy
- Shrub Swamp
  - Scalloped
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - ✓ Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Drainage wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Irregularly Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- ✓ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ✓ 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- ✓ 1

Vegetative Interspersion
- High
- Moderate
- ✓ Low

Surrounding Habitat
- ~90% of 2 or more of Listed Types
- ✓ 50-90% of 1 or more; 90% of 1
- ~50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >25 Scattered
- ✓ 100% Cover; 75% or >25% Peripheral

Percent Open Water
- ✓ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ✓ Medium
- High

Production of Wildlife Food Plants
- ✓ Low
- Moderate
- High

Vegetative Density
- ✓ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- ✓ Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- ✓ Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ✓ Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- ✓ Steep >2%

Topographic Position in Watershed
- ✓ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ✓ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ✓ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ✓ Low Permeability <5'

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- ✓ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ✓ Low <10,000 sq ft/day/ft
- Moderate 10,000 - 40,000 sq ft/day/ft
- High >40,000 sq ft/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ✓ Condition 5
- Condition 6

Hydrologic Connection
- Part of Riparian System
- ✓ Part of Riparian System

Water Level Fluctuation
- High
- ✓ Low
- Normal Pool

Groundwater Outflow
- ✓ Absent
- Present

Inlet
- ✓ Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- ✓ Present, to wetland K-2
- ✓ Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- ✓ Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ✓ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- >33%
- 34-66%
- 67-100%
- ✓ Does not border

Legal Access
- Yes
- ✓ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ✓ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ✓ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ✓ Urban/suburb (>320/mi²)
- 1.0.5 - 1.9 acre (435-1220/mi²)
- 2 acre (<1220/mi²)

Land Diversity
- 200 ft to nearest similar type
- ✓ 201 to 1600 ft to nearest similar type
- 1600 ft to nearest similar type

Human Use Value or Potential
- ✓ None
- Supports 1 family for part of year
- Currently supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER K4
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
0.60	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
0.60	100	TOTAL

vegetation

	occ	com	dom
Salix spp.			✓
(Willow)			
Carex spp.		✓	
(Sedge)			
Glyceria canadensis	✓		
(Manna Grass)			
Scirpus cyperinus	✓		
(Wool-grass)			
Ulmus americana	✓		
(American Elm)			
Ilex verticillata	✓		
(Winterberry)			

inventory

number K4

date 4/29/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
- Stream or Broadside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - ✓ Sapling
  - Bushy
  - ✓ Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Broadside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Wet Meadow
- ✓ Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ✓ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- ✓ 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- ✓ Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ✓ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- ✓ 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; 75% or >25% Peripheral

Percent Open Water
- 0-33%
- ✓ 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ✓ Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- ✓ Moderate
- High

Vegetative Density
- High
- Moderate
- ✓ Low

Wetland Sustainability
- Highly Favorable
- Moderately Favorable
- ✓ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ✓ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ✓ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ✓ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- ✓ Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- ✓ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ✓ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ✓ High Permeability <5'
- Low Permeability

Hydrological Elements

Hydrologic Position
- ✓ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ✓ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ✓ Condition 6

Hydrologic Connection
- ✓ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ✓ Low
- Vernal Pool

Groundwater Outflow
- ✓ Absent
- Present

Inlet
- ✓ Absent
- Present, from wetland ___
- Perennial
- (ephemeral)

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (ephemeral)

Outlet
- ✓ Absent
- Present, to wetland ___
- Perennial
- (ephemeral)

Outlet
- ✓ Absent
- Present, to wetland ___
- Perennial
- (ephemeral)

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (ephemeral)

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (ephemeral)

Inlet
- Absent
- Present, from wetland ___
- Perennial
- (ephemeral)

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ✓ Small <1 acre

Surficial Geologic Material of watershed
- ✓ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ✓ Does not border

Legal Access
- Yes
- ✓ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ✓ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ✓ <1 Inhabitant (<320/mi²)
- 0.5 - 1.9 p/a (320-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- ✓ 1000 ft to nearest similar type

Average Crop Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER K5

FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
1.00	100	BOG
		OTHER _____
1.00	100	TOTAL

vegetation

	occ	com	dom
Picea mariana (Black Spruce)		✓	
Larix laricina (Tamarack)	✓		
Salix sp. (Willow)	✓		
Sphagnum sp. (Sphagnum)		✓	
Typha latifolia (Cat-tail)		✓	
Ledum groenlandicum (Leatherleaf)	✓		
Alnus rugosa (Speckled Alder)	✓		
Betula lutea (Yellow Birch)	✓		

inventory

number X5

date 4/29/81

field investigator(s)

D. Magee

G. Hollands

water quality

wetland Successes
- Stream or Brookside wetland
- Open fresh water
  - Inundated Succlass
  - Non Inundated Succlass
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Evergreen
  - Shrubs and Trees
- Bog Meadow
  - Emergent
  - Grassy
- Shrub Swamp
  - Sapling
  - Bushy
  - Connect
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside wetland
- Open Fresh water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- Wooded Swamp
- ☒ None
- Other

Wetland Class Richness
- 5
- 4
- ☒ 3
- 2
- 1

Succlass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- ☒ 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- ☒ Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >75 Scattered
- ☒ 100% Cover; >75% or >25% Peripheral

Percent Open Water
- ☒ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- ☒ Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep >3%

Topographic Position to Watershed
- ☒ Lower
- Intermediate
- Upper

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ☒ High Permeability > 7'
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Normal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- (Ephemeral)

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ☒ Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Road Access
- Yes
- ☒ No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ☒ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ☒ (1 person/acre (1-325/mi²)
- (0.5 - 1.0 per (435-1270/mi²)
- 2 p/a (1270/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Human Crop Value or Potential
- ☒ None
- Supports 1 family for part of year
- (Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER M1
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
1.00	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER
1.00	100	TOTAL

vegetation

	occ	com	dom
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Populus tremuloides		✓	
(Trembling Aspen)			
Alnus rugosa		✓	
(Speckled Alder)			
Betula lutea	✓		
(Yellow Birch)			
Abies balsamea	✓		
(Balsam Fir)			
Ribes spp.	✓		
(Gooseberry)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Onoclea sensibilis	✓		
(Sensitive Fern)			
Carex sp.		✓	
(Sedge)			

inventory

number M

date 4/29/81

field investigator(s)

D. Magee

C. Hollands

water quality

Wetland Succlasses
Stream or Riverine Wetland
Open Fresh Water
Vegetated Subclass
Non Vegetated Subclass
Deep Fresh Marsh
Deciduous
Coniferous
Broad-Leaved
Shallow Fresh Marsh
Deciduous
Coniferous
Broad-Leaved
Floating/Floating
Emergent
Shrubs and Trees
Wet Meadow
Ungrazed
Grazed
Shrub Swamp
Sapling
Bushy
Deciduous
Coniferous
Wooded Swamp
Deciduous
Evergreen
Bog
Shrub
Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Riverine Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Wet Meadow
- ☒ Shrub Swamp
- Wooded Swamp
- Bog
- Other _____

Wetland Class Richness
- 5
- 4
- 3
- 2
- ☒ 1

Species Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- High
- ☒ Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >75% Scattered
- ☒ 100% Cover; 75% or >75% Peripheral

Percent Open Water
- ☒ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ☒ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other _____

Topographical Elements

Topographic Configuration
- Closed Basin
- ☒ Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep 3%
Surrounding Slopes
- Slight 0-3%
- ☒ Steep >3%
Topographic Position in Watershed
- Upper
- Intermediate
- ☒ Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium
Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary
Organic Material
- Absent
- High Permeability
- ☒ Low Permeability <4' muck

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland
Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ☒ Condition 5
- Condition 6
Hydrologic Connection
- Not Part of Riparian System
- ☒ Part of Riparian System
Water Level Fluctuation
- High
- ☒ Low
- Tidal Pool
Groundwater Outflow
- Absent
- Present
Inlet
- Absent
- ☒ Present, from wetland M-2
- Permanent
- Intermittent
Inlet
- Absent
- Present, from wetland ___
- Permanent
- Intermittent
Inlet
- Absent
- Present, from wetland ___
- Permanent
- Intermittent
Inlet
- Absent
- ☒ Present, to wetland River
- Permanent
- Intermittent
Inlet
- Absent
- Present, to wetland ___
- Permanent
- Intermittent
Inlet
- Absent
- Present, from wetland ___
- Permanent
- Intermittent
Inlet
- Absent
- Present, from wetland ___
- Permanent
- Intermittent

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ☒ Small <1 acre
Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium
Percent wetland bordering Open Water
- >33%
- 34-66%
- 67-100%
- ☒ Does not border
Legal Access
- Yes
- ☒ No
Fetch
- Over 2000 ft.
- Under 2000 ft.
Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- ☒ Connected to a River
- Connected to a Lake
- Connected to a Combination
Access to Public
- ☒ within 100 ft of Road
- Access by Passable Waterway
- Isolated
Surrounding Population Density
- ☒ >1 person/acre (>3/0/mi²)
- 0.5 - 1.1 p/a (1430-1220/mi²)
- 2 p/a (1220/mi²)
Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type
Known from Value or Potential
- ☒ None
- Supports 1 family for part of year
- Conceivably supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER M-2
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
0.05	100	OTHER Streamside Wetland
0.05	100	TOTAL

Vegetation

	occ	com	dom
Ulmus americana	✓		
(American Elm)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)		✓	
Acer rubrum			
(Red Maple)			✓
Dicentra cucullaria			
(Dutchmans Britches)	✓		
Trillium undulatum			
(Painted Trillium)		✓	
Claytonia virginiana			
(Spring Beauty)		✓	
Tilia americana			
(Basswood)	✓		
Sanguinaria canadensis			
(Bloodroot)			

Inventory

number X-2

date 4/29/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Subclass
- Stream or Brookside Wetland
- Fresh Water
- Brackish Subclass
- Salt Marsh Subclass

Type Fresh Marsh
- Broad Sedge
- Reed
- Cattail
- Narrow-Leaved
- Broad-Leaved

Type Salt Marsh
- Cordgrass
- Spike Grass
- Black Grass
- Glasswort
- Salt Marsh Bulrush
- Switch Grass

Wooded Swamp
- Deciduous
- Evergreen

Bog
- Shrub
- Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Open Saline Water
- Fresh Marsh
- Saline Marsh
- Deeply Flooded Flood Plain
- Bog
- Swamp
- Wooded Swamp
- Other

Plant Cross Richness
- >6
- 5-6
- 3-4
- 2
- 1

Structural Richness (Lateral Diversity)
- >10
- 7-9
- 4-6
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Interspersion Habitat
- >75% of 2 or more of Listed Types
- 50-75% of 2 or more; 75% of 1
- >50% of 1 or more of Listed Types

Edge Type
- 75-75% Scattered
- 25-75% Perimeter
- 75% or >25% Scattered
- 100% Cover; >75% or >25% Perimeter

Normal Open Water
- 0-25%
- 26-49%
- 50-75%
- 76-100%

Vegetative Species Richness
- Low
- Medium
- High

Production of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Coastal Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Recreational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Flood Basin
- Shallow Basin
- Valley
- Hillside

Wetland Acreage
- Size: 6-25
- Size: >25

Surrounding Slopes
- Slope: 6-25
- Slope: >25

Topographic Position in Watershed
- Lower
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Peat
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Permeability of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 45,000 gal/day/ft
- High >45,000 gal/day/ft

Principal Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland X-3
- Terrestrial
- Impounded

Inlet
- Absent
- Present, from wetland ___
- Terrestrial
- Impounded

Outlet
- Absent
- Present, to wetland X-1
- Terrestrial
- Impounded

Outlet
- Absent
- Present, to wetland ___
- Terrestrial
- Impounded

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >6.6 acres
- Medium 1.1-6.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Percent wetland bordering (per water)
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 15 ft.
- Shallow <6 ft.

Social-economical Elements

Recreational Connection
- Connection to a Small Stream
- Connection to a River
- Connection to a Lake
- Connection to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>326/mi²)
- 0.5 - 1.0 per acre (163-326/mi²)
- <0.5 per acre (<163/mi²)

Local Scarcity
- 25% ft to nearest similar type
- 751 to 3600 ft to nearest similar type
- 1000 ft to nearest similar type

Owner (Use below or Potential)
- Sole
- Somewhat Locally for part of year
- Relatively somewhat Locally
- Somewhat Public Commercial Interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER M-3
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
4.18	100	WOODED SWAMP
		BOG
		OTHER
4.18	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum	✓		
(Red Maple)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Betula lutea	✓		
(Yellow Birch)			
Ulmus americana	✓		
(American Elm)			
Tsuga canadensis		✓	
(Hemlock)			
Coptis groenlandica	✓		
(Canker-root)			
Picea mariana	✓		
(Black Spruce)			
Nemopanthus mucronata	✓		
(Mountain Holly)			
Sphagnum sp.		✓	
(Sphagnum)			

inventory

number M-3

date 4/29/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Armoring Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unbraced
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous -Dominant
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Armoring Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; >75% or <25% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability < 3' muck

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Vernal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland M-2
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.8 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of Watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

South of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- <1 Dwelling/acre (<320/mi²)
- 0.5 - 1.9 p/a (430-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 250 ft to nearest similar type
- 251 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER M-4
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.60	100	WOODED SWAMP
		BOG
		OTHER
0.60	100	TOTAL

vegetation

	occ	com	dom
Fraxinus americana		✓	
(White Ash)			
Populus tremuloides		✓	
(Trembling Aspen)			
Betula lutea	✓		
(Yellow Birch)			
Ulmus americana	✓		
(American Elm)			
Acer spicatum	✓		
(Mountain Maple)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Amelanchier sp.	✓		
(Shadbush)			

inventory

number M-4

date 4/29/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses

Stream or Groundwater Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-leaved
  - Broad-leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-leaved
  - Broad-leaved
  - Floating-leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - ✗ Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Groundwater Wetland
- Open Fresh Water
- Shallow Fresh Marsh
- Deep Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ✗ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 6
- 4
- 3
- 2
- ✗ 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- ✗ 1

Vertical Interspersion
- High
- Moderate
- ✗ Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- ✗ 50-90% of 2 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- ✗ 26-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; 75% or <25% Peripheral

Percent Open Water
- 0-33%
- ✗ 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ✗ Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- ✗ Moderate
- High

Vegetative Density
- High
- Moderate
- ✗ Low

Wetland Juxtaposition
- ✗ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Nuisance Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ✗ Closed Basin
- Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- ✗ Slight 0-3%
- Steep >3%

Surrounding Slope
- ✗ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- ✗ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ✗ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ✗ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ✗ Low Permeability >1' muck

Hydrological Elements

Hydrologic Position
- ✗ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ✗ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- ✗ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ✗ Low
- Normal Pool

Groundwater Outflow
- ✗ Absent
- Present

Inlet
- ✗ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ✗ Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >4.5 acres
- Medium 1.1-4.5
- ✗ Small <1 acre

Surficial Geologic Material of watershed
- ✗ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ✗ Does not border

Legal Access
- Yes
- ✗ No

Depth
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connection to a Small Stream
- Connection to a River
- Connection to a Lake
- Connection to a Combination

Access to Public
- within 100 ft of Road
- Access by Passable Waterway
- ✗ Isolated

Surrounding Population Density
- ✗ 1 persons/acre (>320/mi²)
- 0.5 - 1.5 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ✗ 201 to 1600 ft to nearest similar type
- 1001 to 1600 ft to nearest similar type

Local Use Value or Potential
- ✗ None
- Supports 1 family for part of year
- Supports 1 family
- Supports stable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER M5
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.76	100	WOODED SWAMP
		BOG
		OTHER _____
1.76	100	TOTAL

vegetation

	occ	com	dom
Tsuga canadensis		✓	
(Hemlock)			
Picea rubens		✓	
(Red Spruce)			
Abies balsamea		✓	
(Balsam Fir)			
Sphagnum sp.		✓	
(Sphagnum)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Betula lutea	✓		
(Yellow Birch)			
Acer rubrum		✓	
(Red Maple)			
Acer spicatum	✓		
(Mountain Maple)			

inventory

number M5

date 6/29/81

field investigator(s)

D. Maree

C. Hollands

water quality

wetland Subclasses
- Stream or Shoreline wetland
  - Deep fresh water
  - Shallow fresh water
  - Non-vegetated Subclass
  - Non-vegetated Subclass
- Deep fresh marsh
  - Broad-leaved
  - Narrow-leaved
  - Needle-leaved
  - Broad-leaved
- Shallow fresh marsh
  - Emergent
  - Narrow-leaved
  - Broad-leaved
  - Floating-leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Wooded
  - Grazed
- Shrub Swamp
  - Scattered
  - Bushy
  - Compact
  - Acadian
- Wooded Swamp
  - Coniferous
  - Evergreen
- Bog
  - Sphagnum
  - Forested

Ecological Elements

Dominant Wetland Class
- Stream or Shoreline wetland
- Deep fresh water
- Shallow fresh water
- Shallow fresh marsh
- Yearly Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- Forested Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >75% of 2 or more of Listed Types
- 25-75% of 2 or more; 90% of 1
- >50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; >75% or >75% Peripheral

Percent Open Water
- 0-25%
- 26-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Coastal Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Millsite

Wetland Gradient
- Slope 0-2%
- Slope >2%
- Surrounded Slope
- Slope 0-2%
- Slope >2%

Interspersion Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Limestone and Metamorphic
- Sedimentary

Organic Material
- Muck
- Peat Permeability < 5"
- Low Permeability

Hydrological Elements

Groundwater Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 sq/day/ft
- Moderate 10,000 - 40,000 sq/day/ft
- High >40,000 sq/day/ft

Regional Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Part Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Natural
- Present

Inlet
- Natural
- Present, from wetland M-6
- Terminal
- Terminal

Outlet
- Natural
- Present, to wetland M-6
- Terminal
- Terminal

Outlet
- Natural
- Present, to wetland ___
- Terminal
- Terminal

Inlet
- Natural
- Present, from wetland ___
- Terminal
- Terminal

Inlet
- Natural
- Present, from wetland ___
- Terminal
- Terminal

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Present Wetland Boundary Conditions
- Open Water
- <25%
- 26-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Relief
- Over 2000 ft.
- Under 2000 ft.

Height of Land
- Over >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connection to a Small Stream
- Connection to a River
- Connection to a Lake
- Connection to a Combination

Access to Public
- Access 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 Person/acre (>376/mi²)
- 0.5 - 1.0 acre (650-1270/mi²)
- 2 acre (<1276/mi²)

Local Stability
- 20% ft to nearest similar type
- 251 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Major Crop Value or Potential
- None
- Economic (family, for part of year)
- Economic (family)
- Economic viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER M6
FLIGHT, PHOTO NUMBER(S) 4-29

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.50	100	WOODED SWAMP
		BOG
		OTHER
0.50	100	TOTAL

inventory

number M6

date 4/29/81

field investigator(s)

D. Vance

C. Hollands

water quality

vegetation

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Populus tremuloides (Trembling Aspen)		✓	
Betula lutea (Yellow Birch)	✓		
Ulmus americana (American Elm)		✓	
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Fraxinus americana (White Ash)		✓	
Dicentra cucullaria (Dutchmans Britches)		✓	

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Ecological Elements

Dominant wetland Class
- [ ] Stream or Drainage Wetland
- [ ] Open Fresh water
- [ ] Permafrost Associated
- [ ] Non Permafrost Associated
- [ ] Shallow Fresh Marsh
- [ ] Deep Fresh Marsh
- [ ] Shallow Saline
- [ ] Deep Saline
- [ ] Saline Flats
- [ ] Other

Wetland Class Richness
- [ ] 4
- [ ] 3
- [ ] 2
- [x] 1

Successional Stage (Lateral Diversity)
- [ ] 10
- [ ] 6-9
- [ ] 4-5
- [ ] 2-3
- [x] 1

Disturbance Intervention
- [x] High
- [ ] Moderate
- [ ] Low

Surrounding Habitat
- [ ] >90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 3
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 75-75% Scattered
- [ ] 25-75% Peripheral
- [ ] 75% or <25% Scattered
- [x] 100% Cover; <75% or <25% Peripheral

Percent Open Water
- [x] 0-30%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [x] Low
- [ ] Moderate
- [ ] High

Interspersion/Juxtaposition
- [ ] High
- [ ] Moderate
- [x] Low

Wetland Modification
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Wildlife Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [x] Semi-Closed Basin
- [ ] Valley
- [ ] Hillside

Wetland Orientation
- [x] Slight 0-3% GRADE
- [ ] Steep 3%

Surrounding Slopes
- [ ] Slight 0-3%
- [x] Steep 3%

Wetland Position in Watershed
- [ ] Upper
- [ ] Intermediate
- [x] Lower

Geological Elements

Surficial Material
- [x] Till
- [ ] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Subsoil Material
- [ ] Absent
- [x] Low Permeability
- [ ] Low Permeability

Hydrological Elements

Wetland Position
- [x] Perched Wetland
- [ ] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Wetland Hydrologic Type
- [ ] Connection 1
- [ ] Connection 2
- [ ] Connection 3
- [ ] Connection 4
- [x] Connection 5
- [ ] Connection 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuations
- [ ] High
- [x] Low
- [ ] Normal Pool

Groundwater Outflow
- [x] Absent
- [ ] Present

Inlet
- [x] Absent
- [ ] Present, from Wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to Wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from Wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to Wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from Wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to Wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [x] Absent
- [ ] Present, from Wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [x] Absent
- [ ] Present, to Wetland ___
- [ ] Perennial
- [ ] Intermittent

Size
- [ ] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- [ ] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland bordering open water
- [ ] >33%
- [ ] 34-66%
- [ ] 67-100%
- [x] Does not border

Legal Access
- [x] Yes
- [ ] No

Relief
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Height of Land
- [ ] Over 40 ft.
- [ ] Shallow <40 ft.

Social-economical Elements

Recreational Connection
- [x] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Possible Waterway
- [x] Isolated

Surrounding Population Density
- [x] <1 person/acre (<325/mi²)
- [ ] 1 - 2.9 p/a (325-1276/mi²)
- [ ] 3 p/a (>1276/mi²)

Legal Property
- [ ] 250 ft to nearest similar type
- [x] 251 to 1000 ft to nearest similar type
- [ ] 1001 ft to nearest similar type

Land Use (also or Potential)
- [x] None
- [ ] Supports 1 family, for part of year
- [ ] Relatively supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER N1
FLIGHT, PHOTO NUMBER(S) 4-27

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
0.55	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
0.55	100	TOTAL

vegetation

	occ	com	dom
Populus tremuloides (Trembling Aspen)		✓	
Ulmus americana (American Elm)		✓	
Picea mariana (Black Spruce)	✓		
Spiraea latifolia (Meadowsweet)		✓	
Scirpus cyperinus (Wool-grass)		✓	
Salix sp. (Willow)		✓	
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	

inventory

number N1

date 5/14/81

field investigator(s)

D. Mazza

C. Hollands

water quality

wetland Subclasses
- Stream or Riverine wetland
- Fresh water
- Semitidal Subclass
- Open Tidal Subclass
- Fresh Marsh
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Saline Marsh/Flats
- Emergent
- Shrubs and Trees
- Meadow
- Emergent
- Ground
- Shrub Swamp
- Sapling
- Shrub
- Forested
- Aquatic
- Inland Shore
- Beach/Bluff
- Unconsolidated
- Vegetated
- Flat
- Shrub
- Wooded

Ecological Elements

Present wetland Class
- Stream or Riverine wetland
- Open Fresh Water
- Semi Fresh Marsh
- Shallow Fresh Marsh
- Deeply Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Forested Swamp
- Bog
- Other

Wetland Class Richness

Vegetative Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 100% of 2 or more of Listed Types
- 50-99% of 1 or more; 99% of 1
- <50% of 1 or more of Listed Types

Edge Type
- 75-25% Scattered
- 75-25% Peripheral
- 75% or >25% Scattered
- 100% Cover; <25% or >75% Peripheral

Wetland Open Water
- <25%
- 25-50%
- 51-75%
- >75-100%

Vegetative Special Richness
- Low
- Medium
- High

Production of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Interspersion
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Historic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Flood Basin
- Enclosed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Underlying Material
- Normal
- High Permeability
- Low Permeability

Hydrological Elements

Wetland Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Main Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- Range
- Low
- Normal Pool

Permanence Outflow
- Present
- Absent

Inlet
- Present
- Absent, from wetland ___
- Perennial
- Intermittent

Outlet
- Present
- Absent, to wetland ___
- Perennial
- Intermittent

Inlet
- Present
- Absent, from wetland ___
- Perennial
- Intermittent

Outlet
- Present
- Absent, to wetland ___
- Perennial
- Intermittent

Inlet
- Present
- Absent, from wetland ___
- Perennial
- Intermittent

Outlet
- Present
- Absent, to wetland ___
- Perennial
- Intermittent

Inlet
- Present
- Absent, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Social-economical Elements

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

(Surficial) Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Current wetland bordering
- Open water
- <33%
- 34-66%
- 67-100%
- Does not border

Road Access
- Yes
- No

Size
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 15 ft.
- Shallow <5 ft.

Adjacent Land Use
- Residential
- Industrial
- Commercial
- Agricultural
- Undeveloped

Distance to Nearest Roadway or Human Habitation
- <1/4 mile
- 1/4 - 1/2 mile
- >1/2 mile

Public Ownership
- Federal
- State
- Local
- None

Evidence of Human Activity
- Trash Dumping
- Vandalism
- Foot Traffic
- Vehicle Tracks
- Logging
- Agricultural Use
- Off-road Vehicle Use
- Other

Proximity to Historic or Archaeological Sites
- Known
- Probable
- Unknown
- None

Recreational Use
- Hunting
- Fishing
- Trapping
- Hiking
- Canoeing
- Boating
- Photography
- Nature Study
- Other

Wetland Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- <1 person/acre (<2/km²)
- 1-3 / 1-5 per acre (2.5-7.5/acre)
- 3 per acre (>7.5/acre)

Visual Diversity
- 20% ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Noise (from Roads or Railroads)
- None
- Presents a family for part of year
- Consistently supports 1 family
- Supports nearby commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER 0-1
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
115.54	100	WOODED SWAMP
		BOG
		OTHER _____
115.54	100	TOTAL

vegetation

	occ	com	dom
Abies balsamea (Balsam Fir)		✓	
Picea mariana (Black Spruce)			✓
Thuja occidentalis (Arbor Vitae)		✓	
Coptis groenlandica (Canker-root)		✓	
Sphagnum spp. (Sphagnum)		✓	
Alnus rugosa (Speckled Alder)	✓		
Populus tremuloides (Trembling Aspen)		✓	

inventory

number 0-1

date 4/28/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Successes
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Successes
  - Non Vegetated Successes
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Flowering-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - ☒ Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- ☒ Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 4
- 3
- ☒ 2
- 1

Successional Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- ☒ 2-3
- 1

Vegetative Interspersion
- High
- ☒ Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 3 or more; 90% of 1
- >50% of 3 or more of Listed Types

Cover Type
- 76-75% Scattered
- 26-75% Peripheral
- 75% or >75% Scattered
- ☒ 100% Cover; >75% or >25% Peripheral

Percent Open Water
- ☒ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- ☒ Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Flat or Basin
- ☒ Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-2%
- Steep >2%

Surrounding Slopes
- ☒ Slight 0-2%
- Steep >2%

Topographic Position to Watershed
- Upper
- Intermediate
- ☒ Lower

Geological Elements

Surficial Material
- Till
- ☒ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- Thin Permeability
- ☒ Low Permeability < 3'

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Original Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ☒ Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- ☒ Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- Absent
- ☒ Present, from wetland Cu3
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland Swamp Creek
- Perennial
- ☒ Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- ☒ Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- ☒ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- ☒ Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☒ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Impoundment

Access to Public
- Within 150 ft of Road
- Access by Passable waterway
- ☒ Isolated

Surrounding Population Density
- ☒ <1 person/acre (<320/mi²)
- 0.5 - 1.9 p/a (640-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Water Use below or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER 03
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.77	100	WOODED SWAMP
		BOG
		OTHER _____
1.77	100	TOTAL

vegetation

	occ	com	dom
Thuja occidentalis	✓		
(Arbor Vitae)			
Picea rubens	✓		
(Red Spruce)			
Fraxinus pennsylvanica		✓	
var. subintegerrima			
(Green Ash)			
Acer rubrum		✓	
(Red Maple)			
Onoclea sensibilis		✓	
(Sensitive Fern)			
Betula lutea		✓	
(Yellow Birch)			

inventory

number 03

date 4/28/81

field investigator(s)

D. Magee

G. Hollands

water quality

Wetland Subclasses
Stream or Brooklet Wetland
Deep Fresh Water
☐ Vegetated Subclass
☐ Non Vegetated Subclass
Deep Fresh Marsh
☐ Dead Woody
☐ Shrub
☐ Sub-Shrub
☐ Robust
☐ Narrow-Leaved
☐ Broad-Leaved
Shallow Fresh Marsh
☐ Robust
☐ Narrow-Leaved
☐ Broad-Leaved
☐ Floating-Leaved
Flood Plain/Flats
☐ Emergent
☐ Shrubs and Trees
Wet Meadow
☐ Ungrazed
☐ Grazed
Shrub Swamp
☐ Sapling
☐ Bushy
☐ Compact
☐ Aquatic
Wooded Swamp
☒ Deciduous
☐ Evergreen
Bog
☐ Shrub
☐ Wooded

Ecological Elements

Dominant Wetland Class
☐ Stream or Brooklet Wetland
☐ Deep Fresh Water
☐ Deep Fresh Marsh
☐ Shallow Fresh Marsh
☐ Yearly Flooded Flood Plain
☐ Wet Meadow
☐ Shrub Swamp
☒ Wooded Swamp
☐ Bog
☐ Other

Wetland Class Richness
☐ 5
☐ 4
☐ 3
☐ 2
☒ 1

Subclass Richness (Lateral Diversity)
☐ >10
☐ 6-9
☐ 4-5
☐ 2-3
☒ 1

Vegetative Interspersion
☐ High
☒ Moderate
☐ Low

Surrounding Habitat
☐ >90% of 2 or more of Listed Types
☒ 50-90% of 1 or more; 90% of 1
☐ <50% of 1 or more of Listed Types

Cover Type
☐ 26-75% Scattered
☐ 26-75% Peripheral
☐ 75% or <25 Scattered
☒ 100% Cover; >75% or <25% Peripheral

Percent Open Water
☒ 0-33%
☐ 34-66%
☐ 67-95%
☐ 96-100%

Vegetative Species Richness
☐ Low
☒ Medium
☐ High

Proportion of Wildlife Food Plants
☐ Low
☒ Moderate
☐ High

Vegetative Density
☐ High
☒ Moderate
☐ Low

Wetland Juxtaposition
☐ Highly Favorable
☒ Moderately Favorable
☐ Unfavorable

Special Elements

☐ Aquatic Study Area
☐ Sanctuary or Refuge
☐ Wildlife Management Area
☐ Fisheries Management Area
☐ Educational Study Area
☐ Historical Area
☐ Other

Topographical Elements

Topographic Configuration
☐ Closed Basin
☒ Semi-closed Basin
☐ Valley
☐ Hillside

Wetland Gradient
☒ Slight 0-3%
☐ Steep >3%

Surrounding Slopes
☒ Slight 0-3%
☐ Steep >3%

Topographic Position in Watershed
☒ Upper
☐ Intermediate
☐ Lower

Geological Elements

Surficial Material
☐ Till
☒ Stratified Sand and Gravel
☐ Stratified Fine Sand and Silt
☐ Alluvium

Bedrock
☒ Igneous and Metamorphic
☐ Sedimentary

Organic Material
☐ Absent
☐ High Permeability
☒ Low Permeability <3' muck

Hydrological Elements

Hydrologic Position
☒ Perched Wetland
☐ Water Table Wetland
☐ Water Table/Artesian Wetland
☐ Artesian Wetland

Transmissivity of Aquifer
☒ Low <10,000 gal/day/ft
☐ Moderate 10,000 - 40,000 gal/day/ft
☐ High >40,000 gal/day/ft

Dominant Hydrologic Type
☐ Condition 1
☐ Condition 2
☐ Condition 3
☐ Condition 4
☒ Condition 5
☐ Condition 6

Hydrologic Connection
☐ Not Part of Riparian System
☒ Part of Riparian System

Water Level Fluctuation
☐ High
☒ Low
☐ Vernal Pool

Groundwater Outflow
☒ Absent
☐ Present

Inlet
☒ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Ephemeral

Inlet
☒ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Ephemeral

Outlet
☐ Absent
☒ Present, to wetland 0-1
☐ Perennial
☒ Ephemeral

Outlet
☐ Absent
☐ Present, to wetland ___
☐ Perennial
☐ Ephemeral

Inlet
☒ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Ephemeral

Inlet
☐ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Ephemeral

Inlet
☐ Absent
☐ Present, from wetland ___
☐ Perennial
☐ Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
☐ Large >4.6 acres
☒ Medium 1.1-4.5
☐ Small <1 acre

Surficial Geologic Material of watershed
☒ Till
☐ Stratified sand and gravel
☐ Stratified fine sand and silt
☐ Alluvium

Percent Wetland Bordering Open Water
☐ <33%
☐ 34-66%
☐ 67-100%
☒ Does not border

Legal Access
☒ Yes
☐ No

Fetch
☐ Over 2000 ft.
☐ Under 2000 ft.

Depth of Lake
☐ Deep >6 ft.
☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
☒ Connected to a Small Stream
☐ Connected to a River
☐ Connected to a Lake
☐ Connected to a Combination

Access to Public
☒ Within 100 ft of Road
☐ Access by Passable Waterway
☐ Isolated

Surrounding Population Density
☐ <1 Person/acre (<320/mi²)
☐ 0.5 - 1.5 p/a (160-1220/mi²)
☐ >2 p/a (>1220/mi²)

Local Scarcity
☐ 200 ft to nearest similar type
☐ 201 to 1000 ft to nearest similar type
☒ >1000 ft to nearest similar type

Known Crop Value or Potential
☒ None
☐ Supports 1 family for part of year
☐ Completely supports 1 family
☐ Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER P1
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
2.12	100	WOODED SWAMP
		BOG
		OTHER _____
2.12	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Ulmus americana (American Elm)		✓	
Populus tremuloides (Trembling Aspen)		✓	
Claytonia virginiana (Spring Beauty)		✓	
Corylus cornuta (Beaked Hazel)		✓	
Ribes sp. (Gooseberry)		✓	
Sanguinaria canadensis (Bloodroot)	✓		
Anemone lancifolia (Anemone)		✓	
Rubus idaeus var. strigosus (Red Raspberry)	✓		
Dicentra cucullaria (Dutchmans Britches)	✓		
Allium tricoccum (Wild Leek)		✓	
Clintonia borealis (Clintonia)		✓	
Trillium grandiflorum (Trillium)		✓	
Betula lutea (Yellow Birch)	✓		

inventory

number P1

date 5/14/81

field investigator(s)

D. Magee

G. Hollands

water quality

wetland Subclasses
- Stream or Brookside Wetland
- Pond
  - Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Emergent
  - Shrub
  - Subshrub
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Fringe Plain/Flats
  - Emergent
  - Shrubs and Trees
- Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Dominant
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Seasonally Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25 Scattered
- 100% Cover; <75% or >25% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Present
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Regional Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland P-2
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland W-1
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >8.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Navigable Waterway
- Isolated

Surrounding Population Density
- <1 person/acre (<320/mi²)
- 0.5 - 1.0 p/a (640-1270/mi²)
- >2 p/a (>1270/mi²)

Travel Distance
- 250 ft to nearest similar type
- 251 to 1000 ft to nearest similar type
- 1600 ft to nearest similar type

Use (Use Value or Potential)
- None
- Supports 1 family for part of year
- Supports stable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER P-2
FLIGHT, PHOTO NUMBER(S) 5-35

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
20.78	100	WOODED SWAMP
		BOG
		OTHER _____
20.78	100	TOTAL

vegetation

	occ	com	dom
Picea mariana (Black Spruce)			✓
Thuja occidentalis (Arbor Vitae)		✓	
Abies balsamea (Balsam Fir)		✓	
Sphagnum sp. (Sphagnum)		✓	
Acer rubrum (Red Maple)		✓	
Populus tremuloides (Trembling Aspen)		✓	
Ribes sp. (Gooseberry)		✓	
Coptis groenlandica (Canker-root)		✓	
Linnaea borealis (Twinflower)		✓	

inventory

number P-2

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Successes
- Stream or Brookside Wetland
- Open Fresh Water
  - Nonvegetated Successes
  - Non-Nonvegetated Successes
- Bog Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Emergent
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Emergent
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Meadow
  - Unvegetated
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Dominant
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 3
- 2
- 1

Success Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 2 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >75% Scattered
- 100% Cover; >75% or >75% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semiclosed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

P-1

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 7000 ft.
- Under 7000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- within 100 ft of Road
- Access by Passable waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Use Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports visible commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER R-1
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
5.79	100	WOODED SWAMP
		BOG
		OTHER _____
5.79	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Fraxinus americana (White Ash)	✓		
Tsuga canadensis (Hemlock)	✓		
Betula lutea (Yellow Birch)		✓	
Ulmus americana (American Elm)	✓		
Abies balsamea (Balsam Fir)	✓		
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Mitella diphylla (Miterwort)	✓		
Populus tremuloides (Trembling Aspen)		✓	
Thuja occidentalis (Arbor Vitae)	✓		

inventory

number R-1

date 5/13/81

field investigator(s)

D. Magee, C. Hollands

water quality

Wetland Successes
- Stream or Brookside wetland
- Open Fresh Water
  - Nonvegetated Succlass
  - Non Nonvegetated Succlass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Boreal
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Boreal
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Scalloping
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous-Dominant
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Succlass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >97% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 25-75% Scattered
- 25-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; >75% or <25% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-2%
- Slope 2%

Surrounding Slopes
- Slope 0-2%
- Slope 2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability <4'

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Morphologic Condition
- Flood Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland R-1A
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___ Off-Site
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >8.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- 0-33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Pitch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 Person/acre (>320/mi²)
- 0.5 - 1.0 p/a (640-1270/mi²)
- 2 p/a (1270/mi²)

Local Diversity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Access (Use Value or Potential)
- None
- Supports 1 family, for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER R1A
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
9.08	100	WOODED SWAMP
		BOG
		OTHER _____
9.08	100	TOTAL

inventory

number R-1A

date 5/13/81

field investigator(s)

D. Magee, G. Hollands

water quality

vegetation

	occ	com	dom
Tilia americana (Basswood)		✓	
Acer rubrum (Red Maple)			✓
Claytonia virginiana (Spring Beauty)		✓	
Ulmus americana (American Elm)		✓	
Pteretis pensylvanica (Ostrich Fern)	✓		
Fraxinus americana (White Ash)		✓	
Populus balsamifera (Balsam Poplar)		✓	
Thuja occidentalis (Arbor Vitae)	✓		
Tsuga canadensis (Hemlock)	✓		

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Wetland Subclasses
- Stream or Brooklike Wetland
  - Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
  - Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
  - Fland Plain/Flats
  - Emergent
  - Shrubs and Trees
  - Wet Meadow
  - Unbraded
  - Grazed
  - Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
  - Wooded Swamp
  - ■ Deciduous
  - Evergreen
  - Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brooklike Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- ■ Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ■ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ■ 1

Vegetative Interspersion
- ■ High
- Moderate
- Low

Surrounding Habitat
- >50% of 2 or more of Listed Types
- ■ 50-50% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25 Scattered
- ■ 100% Cover; >75% or <25% Peripheral

Percent Open Water
- ■ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ■ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ■ Moderate
- High

Vegetative Density
- High
- ■ Moderate
- Low

Wetland Juxtaposition
- ■ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-Closed Basin
- ■ Valley
- Hillside

Wetland Gradient
- ■ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ■ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- ■ Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- ■ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ■ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ■ Low Permeability < 4'

Hydrological Elements

Hydrologic Position
- ■ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ■ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- ■ Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- ■ Part of Riparian System

Water Level Fluctuation
- High
- ■ Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- ■ Present, from wetland R-3
- Perennial
- ■ Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- ■ Present, to wetland R-1
- Perennial
- ■ Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Social-economical Elements

Hydrologic Connection
- ■ Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- ■ Access by Passable Waterway
- Isolated

Surrounding Population Density
- ■ <1 Person/acre (<320/mi²)
- 0.5 - 1.9 p/a (320-1220/mi²)
- 2 p/a (1220/mi²)

Land Scarcity
- ■ 250 ft to nearest similar type
- 250 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Crop Value or Potential
- ■ None
- Supports 1 family for part of year
- Conclusively supports 1 family
- Supports viable commercial interest

Size
- ■ Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- ■ Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- ■ <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- ■ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER R-3
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
14.63	68.2	SHALLOW MARSH
		DEEP MARSH
5.55	25.9	SHRUB SWAMP
1.26	5.9	WOODED SWAMP
		BOG
		OTHER _____
21.44	100	TOTAL

vegetation

	occ	com	dom
Ulmus americana		✓	
(American Elm)			
Acer rubrum		✓	
(Red Maple)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Quercus muehlenbergii	✓		
(Bur Oak)			
Populus tremuloides	✓		
(Trembling Aspen)			
Calamagrostis canadensis		✓	
(Blue-Joint Grass)			
Alnus rugosa		✓	
(Speckled Alder)			
Spiraea latifolia		✓	
(Meadowsweet)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Nemopanthus mucronata	✓		
(Mountain Holly)			

inventory

number R-3

date 5/13/81

field investigator(s)

D. Magee, C. Hollands

water quality

Str Cage: 11

Wetland Subclasses
- Stream or Drainage Wetland
- Open Fresh Water
  - Permanently Flooded
  - Intermittently Flooded
- Deep Fresh Marsh
  - Emergent
  - Shrub
  - Wooded
- Shallow Fresh Marsh
  - Emergent
  - Shrub
  - Wooded
- Deep Swamp
  - Shrub
  - Wooded
- Shallow Fresh Marsh
  - Deciduous
  - Coniferous
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Drainage Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Regularly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Forested Swamp
- Bog
- Other

Wetland Class Richness
- >5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- 100% Cover; <75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-2%
- Slope 3%

Surrounding Slopes
- Slope 0-1%
- Slope >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability <4'

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland Oak Lake
- (Perennial)
- (Intermittent)

Inlet
- Absent
- Present, from wetland ___
- (Perennial)
- (Intermittent)

Outlet
- Absent
- Present, to wetland R-1A
- (Perennial)
- (Intermittent)

Outlet
- Absent
- Present, to wetland ___
- (Perennial)
- (Intermittent)

Inlet
- Absent
- Present, from wetland ___
- (Perennial)
- (Intermittent)

Inlet
- Absent
- Present, from wetland ___
- (Perennial)
- (Intermittent)

Inlet
- Absent
- Present, from wetland ___
- (Perennial)
- (Intermittent)

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connection to a Small Stream
- Connection to a River
- Connection to a Lake
- Connection to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- 2 p/a (<320/mi²)

Local Scarcity
- 75% ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Future Crop Value or Potential
- None
- Economic 1 family for part of year
- Completely economic 1 family
- Economic viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER R-5
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
2.27	21.8	SHRUB SWAMP
8.12	78.2	WOODED SWAMP
		BOG
		OTHER _____
10.39	100	TOTAL

vegetation

	occ	com	dom
Tsuga canadensis		✓	
(Hemlock)			
Abies balsamea		✓	
(Balsam Fir)			
Acer rubrum			✓
(Red Maple)			
Ulmus americana		✓	
(American Elm)			
Alnus rugosa			✓
(Speckled Alder)			
Calamagrostis canadensis			✓
(Blue-Joint Grass)			
Glyceria canadensis		✓	
(Manna Grass)			
Maianthemum canadense		✓	
(Canada Mayflower)			
Carex sp.		✓	
(Sedge)			
Betula lutea	✓		
(Yellow Birch)			

inventory

number R-5

date 5/14/81

field investigator(s)

D. Maree, G. Hollands

water quality

Wetland Subclasses
Stream or Brookside wetland
Open fresh water
Vegetated Subclass
Non Vegetated Subclass
Deep Fresh Marsh
Dead Woody
Shrub
Sub-Shrub
Aquatic
Narrow-Leaved
Broad-Leaved
Shallow Fresh Marsh
Aquatic
Narrow-Leaved
Broad-Leaved
Floating-Leaved
Flood Plain/Flats
Emergent
Shrubs and Trees
Meadow
Unmowed
Mowed
Shrub Swamp
Sapling
Bushy
Coniferous
Aquatic
Wooded Swamp
Deciduous
Evergreen—Dominant
Bog
Shrub
Wooded

Ecological Elements
Dominant Wetland Class
Stream or Brookside wetland
Open Fresh Water
Deep Fresh Marsh
Shallow Fresh Marsh
Yearly Flooded Flood Plain
Wet Meadow
Shrub Swamp
Wooded Swamp
Bog
Other
Wetland Class Richness
4
3
2
1
Subclass Richness (Lateral Diversity)
>10
6-9
4-5
2-3
1
Vegetative Interspersion
High
Moderate
Low
Surrounding Habitat
>75% of 2 or more of Listed Types
50-75% of 3 or more; 90% of 2
>50% of 3 or more of Listed Types
Cover Type
25-75% Scattered
75-75% Peripheral
75% or <25% Scattered
100% Cover; 75% or <25% Peripheral
Percent Open Water
0-32%
34-66%
67-95%
96-100%
Vegetative Species Richness
Low
Medium
High
Proportion of Wildlife Food Plants
Low
Moderate
High
Vegetative Density
High
Moderate
Low
Wetland Juxtaposition
Highly Favorable
Moderately Favorable
Unfavorable

Special Elements
Aquatic Study Area
Sanctuary or Refuge
Wildlife Management Area
Fisheries Management Area
Educational Study Area
Historical Area
Other

Topographical Elements
Taxonomic Configuration
Closed Basin
Semi-closed Basin
Valley
Hillside

Wetland Gradient
Slight 0-2%
Steep 2%
Surrounding Slopes
Slight 0-3%
Steep >3%
Topographic Position in Watershed
Upper
Intermediate
Lower

Geological Elements
Surficial Material
Till
Stratified Sand and Gravel
Stratified Fine Sand and Silt
Alluvium
Bedrock
Igneous and Metamorphic
Sedimentary
Organic Material
Absent
High Permeability > 3'
Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements
Hydrologic Position
Perched wetland
Water Table wetland
Water Table/Artesian wetland
Artesian wetland
Transmissivity of Aquifer
Low <10,000 gal/day/ft
Moderate 10,000 - 40,000 gal/day/ft
High >40,000 gal/day/ft
Dominant Hydrologic Type
Condition 1
Condition 2
Condition 3
Condition 4
Condition 5
Condition 6
Hydrologic Connection
Not Part of Riparian System
Part of Riparian System
Water Level Fluctuation
High
Low
Vernal Pool
Groundwater Outflow
Absent
Present
Inlet
Absent
Present, from wetland R-7
Perennial
Ephemeral
Inlet
Absent
Present, from wetland ___
Perennial
Ephemeral
Inlet
Absent
Present, from wetland ___
Perennial
Ephemeral

Size
Large >4.6 acres
Medium 1.1-4.5
Small <1 acre
Surficial Geologic Material of watershed
Till
Stratified sand and gravel
Stratified fine sand and silt
Alluvium
Percent wetland Bordering Open water
<33%
34-66%
67-100%
Does not border
Legal Access
Yes
No
Relief
Over 2000 ft.
Under 2000 ft.
Depth of Lake
Over 15 ft.
Shallow <6 ft.

Social-economical Elements
Hydrologic Connection
Connected to a Small Stream
Connected to a River
Connected to a Lake
Connected to a Combination
Access to Public
Within 100 ft of Road
Access by Passable Waterway
Isolated
Surrounding Population Density
>1 person/acre (>320/mi²)
0.5 - 1.0 p/a (640-1220/mi²)
2 p/a (1220/mi²)
Local Scarcity
200 ft to nearest similar type
201 to 1000 ft to nearest similar type
1000 ft to nearest similar type
Human Use (low or Potential)
None
Supports 1 family for part of year
Completely supports 1 family
Supports viable commercial interest

Outlet
Absent
Present, from wetland ___
Perennial
Ephemeral
Outlet
Absent
Present, from wetland ___
Perennial
Ephemeral
Outlet
Absent
Present, to wetland R-3
Perennial
Ephemeral
Outlet
Absent
Present, to wetland ___
Perennial
Ephemeral

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER R-7
FLIGHT, PHOTO NUMBER(S) 6-44

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.26	100	WOODED SWAMP
		BOG
		OTHER _____
1.26	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Ulmus americana (American Elm)		✓	
Tsuga canadensis (Hemlock)		✓	
Populus tremuloides (Trembling Aspen)	✓		
Abies balsamea (Balsam Fir)		✓	
Betula papyrifera (Paper Birch)		✓	
Clintonia borealis (Clintonia)		✓	

inventory

number R-7

date 5/12/81

field investigator(s)

D. Maree, G. Hollands

water quality

wetland Subclasses
- Stream or Brookside Wetland
- Pond: Fresh Water
- Nontidal Subclass
- Tidal Subclass
- Bog: Fresh Marsh
  - Dead Woody
  - Shrub
  - Low-Shrub
  - Mixed
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Mixed
  - Narrow-Leaved
  - Broad-Leaved
  - Flowering-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Fen
  - Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Dwarfed
  - Aquatic
- Wooded Swamp
  - [x] Deciduous
  - [ ] Evergreen
- Wet
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Open Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- [x] Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- [x] 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 6-5
- 4-3
- [x] 1

Vegetative Interspersion
- High
- [x] Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- [x] 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- [x] 100% Cover; <75% or >25% Peripheral

Percent Open Water
- [x] 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- [x] Low
- Medium
- High

Proportion of Wildlife Food Plants
- [x] Low
- Moderate
- High

Vegetative Density
- High
- [x] Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- [x] Moderately Favorable
- Unfavorable

Special Elements

- Audubon Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- [x] Semi-closed Basin
- Valley
- Hillside

wetland Gradient
- [x] Slight 0-3%
- Steep 3%

Surrounding Slopes
- [x] Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- [x] Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- [x] Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- [x] Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- [x] Low Permeability <4'

unusual, rare, or endangered vegetation	unus	rare	end
		✓	

unusual, rare, or endangered fauna	unus	rare	end

Hydrological Elements

Hydrologic Position
- [x] Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 sq/day/ft
- Moderate 10,000 - 40,000 sq/day/ft
- High >40,000 sq/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- [x] Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- High
- [x] Low
- Normal Pool

Groundwater Outflow
- [x] Absent
- Present

Inlet
- [x] Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- [x] Present, to wetland R-5
- Perennial
- [x] Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- [x] Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- [x] Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- [x] Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- [x] Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%,
- 67-100%
- [x] Does not border

Legal Access
- Yes
- [x] No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [x] Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- [x] within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- [x] 1 person/acre (+320/mi²)
- 0.5 - 1.9 p/a (160-320/mi²)
- <.5 p/a (<160/mi²)

Local Scarcity
- 200 ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Actual Use Value or Potential
- [x] None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448

WETLAND NUMBER R-7A

FLIGHT, PHOTO NUMBER(S) 6-44

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
3.78	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
3.78	100	TOTAL

vegetation

	occ	com	dom
Alnus rugosa		✓	
(Speckled Alder)			
Salix sp.		✓	
(Willow)			
Carex spp.	✓		
(Sedge)			
Typha latifolia	✓		
(Cat-tail)			
Betula lutea		✓	
(Yellow Birch)			
Acer rubrum		✓	
(Red Maple)			
Picea mariana		✓	
(Black Spruce)			
Tsuga canadensis		✓	
(Hemlock)			

inventory

number R-7A

date 5/12/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- ☒ Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- -5
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- -10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- ☒ High
- Moderate
- Low

Surrounding Habitat
- ☒ >90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25 Scattered
- ☒ 100% Cover; >75% or <25% Peripheral

Percent Open Water
- ☒ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ☒ Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- ☒ Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- ☒ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- ☒ Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ☒ High Permeability <4'
- Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ☒ Absent
- Present, to wetland
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Social-economical Elements

Size
- Large >4.6 acres
- ☒ Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- >33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ☒ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ☒ <1 person/acre (<320/mi²)
- 0.5 - 1.9 p/a (430-1220/mi²)
- 2 p/a (>1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER R-8
FLIGHT, PHOTO NUMBER(S) 6-46

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
1.76	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
1.76	100	TOTAL

vegetation

	occ	com	dom
Alnus rugosa			✓
(Speckled Alder)			
Salix sp.		✓	
(Willow)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Nemopanthus mucronata		✓	
(Mountain Holly)			
Scirpus cyperinus		✓	
(Wool-grass)			
Carex sp.		✓	
(Sedge)			
Betula papyrifera		✓	
(Paper Birch)			

inventory

number R-8

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - ☒ Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- ☒ Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- ☒ High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25% Scattered
- ☒ 100% Cover; >75% or <25% Peripheral

Percent Open Water
- ☒ 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- ☒ Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ☒ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- ☒ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- ☒ High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Normal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ☒ Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- ☒ Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- ☒ Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- ☒ <1 person/acre (<320/mi²)
- 0.5 - 1.9 p/a (430-1270/mi²)
- 2 p/a (1270/mi²)

Local Scarcity
- 200 ft to nearest similar type
- ☒ 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Crop Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER T-1
FLIGHT, PHOTO NUMBER(S) 5-34

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
1.91	100	BOG
-		OTHER _____
1.91	100	TOTAL

inventory

number T-1

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

vegetation

	occ	com	dom
Larix laricina			✓
(Tamarack)			
Picea mariana			
(Black Spruce)		✓	
Chamaedaphne calyculata			
(Leatherleaf)		✓	
Ledum groenlandicum			
(Labrador Tea)		✓	
Scirpus cyperinus			
(Wool-grass)		✓	
Carex sp.	✓		
(Sedge)			
Juncus sp.	✓		
(Rush)			

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Ecological Elements

Wetland Subclasses
- Stream or Drainage Wetland
- Deep Fresh Water
  - ☐ Vegetated Subclass
  - ☐ Non Vegetated Subclass
- Deep Fresh Marsh
  - ☐ Deep Woody
  - ☐ Shrub
  - ☐ Sub-Shrub
  - ☐ Robust
  - ☐ Narrow-Leaved
  - ☐ Broad-Leaved
- Shallow Fresh Marsh
  - ☐ Robust
  - ☐ Narrow-Leaved
  - ☐ Broad-Leaved
  - ☐ Floating-Leaved
- Flood Plain/Flats
  - ☐ Emergent
  - ☐ Shrubs and Trees
- Wet Meadow
  - ☐ Unmarked
  - ☐ Grazed
- Shrub Swamp
  - ☐ Sapling
  - ☐ Bushy
  - ☐ Compact
  - ☐ Aquatic
- Wooded Swamp
  - ☐ Deciduous
  - ☐ Evergreen
- Bog
  - ☒ Shrub
  - ☐ Wooded

Dominant Wetland Class
- ☐ Stream or Drainage Wetland
- ☐ Deep Fresh Water
- ☐ Deep Fresh Marsh
- ☐ Shallow Fresh Marsh
- ☐ Yearly Flooded Flood Plain
- ☐ Wet Meadow
- ☐ Shrub Swamp
- ☐ Wooded Swamp
- ☒ Bog
- ☐ Other

Wetland Class Richness
- ☐ >5
- ☐ 4
- ☐ 3
- ☐ 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- ☐ >10
- ☐ 6-9
- ☐ 4-5
- ☐ 2-3
- ☒ 1

Vegetative Interspersion
- ☐ High
- ☒ Moderate
- ☐ Low

Surrounding Habitat
- ☒ >90% of 2 or more of Listed Types
- ☐ 50-90% of 1 or more; 90% of 1
- ☐ <50% of 1 or more of Listed Types

Cover Type
- ☐ 26-75% Scattered
- ☐ 26-75% Peripheral
- ☐ 75% or >25% Scattered
- ☒ 100% Cover; >75% or >25% Peripheral

Percent Open Water
- ☒ 0-33%
- ☐ 34-66%
- ☐ 67-95%
- ☐ 96-100%

Vegetative Species Richness
- ☐ Low
- ☒ Medium
- ☐ High

Proportion of Wildlife Food Plants
- ☐ Low
- ☒ Moderate
- ☐ High

Vegetative Density
- ☐ High
- ☒ Moderate
- ☐ Low

Wetland Juxtaposition
- ☐ Highly Favorable
- ☐ Moderately Favorable
- ☒ Unfavorable

Special Elements

- ☐ Aquatic Study Area
- ☐ Sanctuary or Refuge
- ☐ Wildlife Management Area
- ☐ Fisheries Management Area
- ☐ Educational Study Area
- ☐ Historical Area
- ☐ Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- ☐ Semi-Closed Basin
- ☐ Valley
- ☐ Hillside

Wetland Gradient
- ☒ Slight 0-3%
- ☐ Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- ☐ Slight 0-3%
- ☐ Steep >3%

Topographic Position in Watershed
- ☒ Upper
- ☐ Intermediate
- ☐ Lower

Geological Elements

Surficial Material
- ☐ Till
- ☒ Stratified Sand and Gravel
- ☐ Stratified Fine Sand and Silt
- ☐ Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- ☐ Sedimentary

Organic Material
- ☐ Absent
- ☒ High Permeability
- ☐ Low Permeability

Hydrological Elements

Hydrologic Position
- ☐ Perched Wetland
- ☒ Water Table Wetland
- ☐ Water Table/Artesian Wetland
- ☐ Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- ☐ Moderate 10,000 - 40,000 gal/day/ft
- ☐ High >40,000 gal/day/ft

Dominant Hydrologic Type
- ☐ Condition 1
- ☐ Condition 2
- ☐ Condition 3
- ☐ Condition 4
- ☐ Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- ☐ Part of Riparian System

Water Level Fluctuation
- ☐ High
- ☒ Low
- ☐ Vernal Pool

Groundwater Outflow
- ☒ Absent
- ☐ Present

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Outlet
- ☐ Absent
- ☒ Present, to wetland ___
- ☐ Perennial
- ☐ Ephemeral

Outlet
- ☐ Absent
- ☐ Present, to wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Inlet
- ☐ Absent
- ☐ Present, from wetland ___
- ☐ Perennial
- ☐ Ephemeral

Size
- ☐ Large >4.6 acres
- ☒ Medium 1.1-4.5
- ☐ Small <1 acre

Surficial Geologic Material of watershed
- ☐ Till
- ☒ Stratified sand and gravel
- ☐ Stratified fine sand and silt
- ☐ Alluvium

Percent wetland bordering Open Water
- ☐ <33%
- ☐ 34-66%
- ☐ 67-100%
- ☒ Does not border

Legal Access
- ☐ Yes
- ☒ No

Fetch
- ☐ Over 2000 ft.
- ☐ under 2000 ft.

Depth of Lake
- ☐ Deep >6 ft.
- ☐ Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- ☐ Connected to a Small Stream
- ☐ Connected to a River
- ☐ Connected to a Lake
- ☐ Connected to a Combination

Access to Public
- ☒ Within 100 ft of Road
- ☐ Access by Passable Waterway
- ☐ Isolated

Surrounding Population Density
- ☐ >1 person/acre (>320/mi²)
- ☐ 0.5 - 1.5 p/a (160-1220/mi²)
- ☐ 2 p/a (1220/mi²)

Local Scarcity
- ☐ 200 ft to nearest similar type
- ☐ 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- ☐ Supports 1 family for part of year
- ☐ Completely supports 1 family
- ☐ Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER T-2
FLIGHT, PHOTO NUMBER(S) 5-34

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
1.00	60.6	SHRUB SWAMP
		WOODED SWAMP
0.65	39.4	BOG
		OTHER _____
1.65	100	TOTAL

vegetation

	occ	com	dom
Salix spp. (Willow)			✓
Cornus stolonifera (Red Osier Dogwood)	✓		
Scirpus cyperinus (Wool-grass)		✓	
Populus tremuloides (Trembling Aspen)	✓		
Calamagrostis canadensis (Blue-Joint Grass)		✓	
Larix laricina (Tamarack)	✓		
Ledum groenlandicum (Labrador Tea)		✓	
Chamaedaphne calyculata (Leatherleaf)		✓	
Vaccinium corymbosum (Highbush Blueberry)		✓	
Sparganium sp. (Sparganium)		✓	
Picea mariana (Black Spruce)	✓		
Abies balsamea (Balsam Fir)			

inventory

number I-2

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Drainage Wetland
- Open Fresh Water
  - Permanent
  - Seasonal
  - Semi-Permanent
  - Intermittent
  - Tidal
- Deep Fresh Marsh
  - Emergent
  - Shrub
  - Wooded
- Shallow Fresh Marsh
  - Emergent
  - Shrub
  - Wooded
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Inland Meadow
  - Undisturbed
  - Grazed
- Shrub Swamp
  - Scattered
  - Dense
  - Coniferous
  - Deciduous
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Drainage Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Inland Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 7-10
- 6-8
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 90% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- 10% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 76-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; >75% or <25% Peripheral

Percent Open Water
- 0-35%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-3%
- Steep >3%

Surrounding Slope
- Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (640-1220/mi²)
- <.5 p/a (<320/mi²)

Land Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Access Cross Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER T-3
FLIGHT, PHOTO NUMBER(S) 5-34

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
0.25	100	SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER
0.25	100	TOTAL

vegetation

	occ	com	dom
Salix spp.			✓
(Willow)			
Cornus stolonifera	✓		
(Red Osier Dogwood)			
Chamaedaphne calyculata		✓	
(Leatherleaf)			
Scirpus cyperinus		✓	
(Wool-grass)			
Populus tremuloides	✓		
(Trembling Aspen)			

inventory

number T-3

date 5/14/81

field investigator(s)

D. Maree, G. Hollands

water quality

wetland Subclasses
- Stream or Shoreline Wetland
- Open Fresh Water
  - Permanent
  - Semipermanent
  - Intermittent
  - Temporary
- Deep Fresh Marsh
  - Emergent
  - Shrub
  - Wooded
- Shallow Fresh Marsh
  - Emergent
  - Shrub
  - Wooded
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Open
  - Unvegetated
  - Grazed
- Scrub Swamp
  - Saline
  - Brackish
  - Connect
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant wetland Class
- Stream or Shoreline Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- [x] Scrub Swamp
- Forested Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 3
- [x] 2
- 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- [x] 2-3
- 1

Vegetative Interspersion
- [x] High
- Moderate
- Low

Surrounding Habitat
- [x] >95% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 25% or <25% Scattered
- [x] 100% Cover; 75% or >25% Peripheral

Percent Open Water
- [x] 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- [x] Low
- Medium
- High

Proportion of Wildlife Food Plants
- [x] Low
- Moderate
- High

Vegetative Density
- High
- [x] Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- [x] Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- [x] Closed Basin
- Semi-closed Basin
- Valley
- Hillside

wetland Gradient
- [x] Slope 0-3%
- Slope >3%

Surrounding Slopes
- [x] Slope 0-3%
- Slope >3%

Topographic Position in Watershed
- [x] Lower
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- [x] Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- [x] Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- [x] High Permeability
- Low Permeability

	unus	rare	end

unusual, rare, or endangered vegetation

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- [x] Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- [x] Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- [x] Absent
- Present

Inlet
- [x] Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Outlet
- [x] Absent
- Present, to wetland ___
  - Perennial
  - Intermittent

Outlet
- Absent
- Present, to wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Inlet
- Absent
- Present, from wetland ___
  - Perennial
  - Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- [x] Small <1 acre

Surficial Geologic Material of watershed
- Till
- [x] Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- [x] Does not border

Legal Access
- Yes
- [x] No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Over 6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connection to a Small Stream
- Connection to a River
- Connection to a Lake
- Connection to a Combination

Access to Public
- [x] Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- [x] >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (640-1220/mi²)
- 2 p/a (>1220/mi²)

Local Scarcity
- [x] 250 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known (from value or Potential)
- [x] None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports sizable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER T-4
FLIGHT, PHOTO NUMBER(S) 5-34

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
8.62	19.2	SHRUB SWAMP
36.16	80.8	WOODED SWAMP
		BOG
-		OTHER _____
44.78	100	TOTAL

vegetation

	occ	com	dom
Thuja occidentalis		✓	
(Arbor Vitae)			
Abies balsamea		✓	
(Balsam Fir)			
Picea mariana		✓	
(Black Spruce)			
Alnus rugosa		✓	
(Speckled Alder)			
Fraxinus pennsylvanica	✓		
var. subintegerrima			
(Green Ash)			
Tsuga canadensis	✓		
(Hemlock)			
Coptis groenlandica		✓	
(Canker-root)			
Sphagnum sp.		✓	
(Sphagnum)			
Cornus stolonifera	✓		
(Red Osier Dogwood)			
Spiraea latifolia	✓		
(Meadowsweet)			
Acer spicatum		✓	
(Mountain Maple)			
Caltha palustris		✓	
(Marsh Marigold)			

inventory

number T-4

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- [x] Stream or Brookside Wetland
- Open Fresh Water
  - [ ] Vegetated Subclass
  - [ ] Non Vegetated Subclass
- Deep Fresh Marsh
  - [ ] Dead Woody
  - [ ] Shrub
  - [ ] Sub-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [x] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Fiend Plain/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Wet Meadow
  - [ ] Ungrazed
  - [ ] Grazed
- Shrub Swamp
  - [x] Sapling
  - [ ] Bushy
  - [ ] Compact
  - [ ] Aquatic
- Wooded Swamp
  - [ ] Deciduous
  - [x] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [ ] Stream or Brookside Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [x] Wooded Swamp
- [ ] Bog
- [ ] Other

Wetland Class Richness
- [ ] 5
- [x] 4
- [ ] 3
- [ ] 2
- [ ] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [x] 2-3
- [ ] 1

Vegetative Interspersion
- [x] High
- [ ] Moderate
- [ ] Low

Surrounding Habitat
- [x] >90% of 2 or more of Listed Types
- [ ] 50-90% of 1 or more; 90% of 1
- [ ] >50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [ ] 26-75% Peripheral
- [ ] 75% or <25 Scattered
- [x] 100% Cover; >75% or <25% Peripheral

Percent Open Water
- [x] 0-30%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [ ] High
- [x] Moderate
- [ ] Low

Wetland Juxtaposition
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements
- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [ ] Semi-closed Basin
- [x] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-3%
- [ ] Steep >3%

Surrounding Slopes
- [x] Slight 0-3%
- [ ] Steep >3%

Topographic Position in Watershed
- [ ] Upper
- [ ] Intermediate
- [x] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [x] High Permeability
- [ ] Low Permeability

Hydrological Elements

Hydrologic Position
- [ ] Perched Wetland
- [x] Water Table Wetland
- [ ] Water Table/Artesian Wetland
- [ ] Artesian Wetland

Transmissivity of Aquifer
- [x] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [ ] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [ ] Condition 4
- [x] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [ ] Not Part of Riparian System
- [x] Part of Riparian System

Water Level Fluctuation
- [ ] High
- [x] Low
- [ ] Vernal Pool

Groundwater Outflow
- [ ] Absent
- [x] Present

Inlet
- [ ] Absent
- [x] Present, from wetland Inlet Swamp Creek
- [x] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [x] Present, from wetland Tributary to Swamp Creek
- [x] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [x] Present, from wetland Tributary to Swamp Creek
- [x] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland
- [ ] Perennial
- [ ] Ephemeral

Inlet
- [ ] Absent
- [ ] Present, from wetland
- [ ] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [x] Present, to wetland off-site Swamp Creek
- [x] Perennial
- [ ] Ephemeral

Outlet
- [ ] Absent
- [ ] Present, to wetland
- [ ] Perennial
- [ ] Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- [x] Large >4.5 acres
- [ ] Medium 1.1-4.5
- [ ] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [x] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent Wetland Bordering Open Water
- [x] <33%
- [ ] 34-66%
- [ ] 67-100%
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Fetch
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Zone
- [ ] Deep >6 ft.
- [ ] Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- [ ] Connected to a Small Stream
- [ ] Connected to a River
- [ ] Connected to a Lake
- [x] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [x] Access by Passable Waterway
- [ ] Isolated

Surrounding Population Density
- [x] >1 person/acre (>320/mi²)
- [ ] 0.5 - 1.9 p/a (430-1220/mi²)
- [ ] 2 p/a (1220/mi²)

Local Scarcity
- [ ] 200 ft to nearest similar type
- [ ] 201 to 1000 ft to nearest similar type
- [x] 1000 ft to nearest similar type

Known Crop Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER T-5
FLIGHT, PHOTO NUMBER(S) 5-34

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
1.41	100	WOODED SWAMP
		BOG
		OTHER
1.41	100	TOTAL

vegetation

	occ	com	dom
Abies balsamea (Balsam Fir)	✓		
Picea mariana (Black Spruce)			✓
Chamaedaphne calyculata (Leatherleaf)		✓	
Ledum groenlandicum (Labrador Tea)		✓	
Sphagnum sp. (Sphagnum)		✓	
Vaccinium macrocarpon (American Cranberry)		✓	
Larix laricina (Tamarack)	✓		
Kalmia polifolia (Bog Laurel)	✓		

inventory

number T-5

date 5/14/81

field investigator(s)

D. Maree, C. Hollands

water quality

wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Permitted Subclass
  - Non Permitted Subclass
- Deep Fresh Marsh
  - Dead Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unmowed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Flood Plain/Flats
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 8-9
- 6-7
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- 50-90% of 3 or more; 90% of 3
- >50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or >25 Scattered
- 100% Cover; >75% or >25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-2%
- Steep >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched wetland
- Water Table wetland
- Water Table/Artesian wetland
- Artesian wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open water
- <33%
- 34-66%
- 67-100%
- Does not border

Trail Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (160-320/mi²)
- <.5 p/a (<160/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Human Use (Use Value or Potential)
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER W-1
FLIGHT, PHOTO NUMBER(S) 6-44

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
15.19	100	WOODED SWAMP
		BOG
		OTHER
15.19	100	TOTAL

vegetation

	occ	com	dom
Abies balsamea (Balsam Fir)		✓	
Populus tremuloides (Trembling Aspen)		✓	
Alnus rugosa (Speckled Alder)		✓	
Larix laricina (Tamarack)	✓		
Thuja occidentalis (Arbor Vitae)		✓	
Picea mariana (Black Spruce)		✓	
Diervilla lonicera (Bush-Honeysuckle)		✓	
Coptis groenlandica (Canker-root)		✓	
Acer spicatum (Mountain Ash)		✓	
Claytonia virginiana (Spring Beauty)		✓	
Ulmus americana (American Elm)	✓		

inventory

number W-1

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - [ ] Inundated Subclass
  - [ ] Non Inundated Subclass
- Deep Fresh Marsh
  - [ ] Dead Woody
  - [ ] Shrub
  - [ ] Sub-Shrub
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
- Shallow Fresh Marsh
  - [ ] Robust
  - [ ] Narrow-Leaved
  - [ ] Broad-Leaved
  - [ ] Floating-Leaved
- Inland Flats/Flats
  - [ ] Emergent
  - [ ] Shrubs and Trees
- Bog
  - [ ] Meadow
  - [ ] Unforested
  - [ ] Forested
- Shrub Swamp
  - [x] Sapling
  - [ ] Early
  - [ ] Compact
  - [ ] Aquatic
- Wooded Swamp
  - [ ] Deciduous
  - [x] Evergreen
- Bog
  - [ ] Shrub
  - [ ] Wooded

Ecological Elements

Dominant Wetland Class
- [ ] Stream or Brookside Wetland
- [ ] Open Fresh Water
- [ ] Deep Fresh Marsh
- [ ] Shallow Fresh Marsh
- [ ] Yearly Flooded Flood Plain
- [ ] Wet Meadow
- [ ] Shrub Swamp
- [x] Wooded Swamp
- [ ] Bog
- [ ] Other _____

Wetland Class Richness
- [ ] 5
- [ ] 4
- [ ] 3
- [x] 2
- [ ] 1

Subclass Richness (Lateral Diversity)
- [ ] >10
- [ ] 6-9
- [ ] 4-5
- [x] 2-3
- [ ] 1

Vegetative Interspersion
- [x] High
- [ ] Moderate
- [ ] Low

Surrounding Habitat
- [x] >75% of 2 or more of Listed Types
- [ ] 50-90% of 1 or more; 90% of 1
- [ ] <50% of 1 or more of Listed Types

Cover Type
- [ ] 26-75% Scattered
- [ ] 26-75% Peripheral
- [ ] 75% or >25 Scattered
- [x] 100% Cover; >75% or >25% Peripheral

Percent Open Water
- [x] 0-33%
- [ ] 34-66%
- [ ] 67-95%
- [ ] 96-100%

Vegetative Species Richness
- [ ] Low
- [x] Medium
- [ ] High

Proportion of Wildlife Food Plants
- [ ] Low
- [x] Moderate
- [ ] High

Vegetative Density
- [x] High
- [ ] Moderate
- [ ] Low

Wetland Juxtaposition
- [x] Highly Favorable
- [ ] Moderately Favorable
- [ ] Unfavorable

Special Elements

- [ ] Aquatic Study Area
- [ ] Sanctuary or Refuge
- [ ] Wildlife Management Area
- [ ] Fisheries Management Area
- [ ] Educational Study Area
- [ ] Historical Area
- [ ] Other _____

Topographical Elements

Topographic Configuration
- [ ] Closed Basin
- [ ] Semi-closed Basin
- [x] Valley
- [ ] Hillside

Wetland Gradient
- [x] Slight 0-2%
- [ ] Steep >2%

Surrounding Slopes
- [ ] Slight 0-8%
- [x] Steep >8%

Topographic Position in Watershed
- [ ] Top
- [ ] Intermediate
- [ ] Lower

Geological Elements

Surficial Material
- [ ] Till
- [x] Stratified Sand and Gravel
- [ ] Stratified Fine Sand and Silt
- [ ] Alluvium

Bedrock
- [x] Igneous and Metamorphic
- [ ] Sedimentary

Organic Material
- [ ] Absent
- [x] High Permeability
- [ ] Low Permeability

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- [ ] Perched wetland
- [x] Water Table wetland
- [ ] Water Table/Artesian wetland
- [ ] Artesian wetland

Transmissivity of Aquifer
- [ ] Low <10,000 gal/day/ft
- [ ] Moderate 10,000 - 40,000 gal/day/ft
- [x] High >40,000 gal/day/ft

Dominant Hydrologic Type
- [ ] Condition 1
- [ ] Condition 2
- [ ] Condition 3
- [x] Condition 4
- [ ] Condition 5
- [ ] Condition 6

Hydrologic Connection
- [x] Not Part of Riparian System
- [ ] Part of Riparian System

Water Level Fluctuation
- [x] High
- [ ] Low
- [ ] Normal Pool

Groundwater Outflow
- [ ] Absent
- [x] Present

Inlet
- [ ] Absent
- [x] Present, from wetland Swamp
- [x] Perennial
- [ ] Intermittent

Outlet
- [ ] Absent
- [x] Present, to wetland Swamp Creek
- [x] Perennial
- [ ] Intermittent

Social-economical Elements

Size
- [x] Large >4.6 acres
- [ ] Medium 1.1-4.5
- [ ] Small <1 acre

Surficial Geologic Material of watershed
- [ ] Till
- [x] Stratified sand and gravel
- [ ] Stratified fine sand and silt
- [ ] Alluvium

Percent wetland Bordering Open water
- [x] >33%
- [ ] 34-66%
- [ ] 67-100%
- [ ] Does not border

Legal Access
- [ ] Yes
- [x] No

Fetch
- [ ] Over 2000 ft.
- [ ] Under 2000 ft.

Depth of Lake
- [ ] Over >6 ft.
- [ ] Shallow <6 ft.

Hydrologic Connection
- [ ] Connected to a Small Stream
- [x] Connected to a River
- [ ] Connected to a Lake
- [ ] Connected to a Combination

Access to Public
- [ ] Within 100 ft of Road
- [ ] Access by Passable Waterway
- [x] Isolated

Surrounding Population Density
- [x] >1 Person/acre (>326/mi²)
- [ ] 0.5 - 1.0 p/a (163-326/mi²)
- [ ] 2 p/a (<326/mi²)

Local Scarcity
- [ ] 200 ft to nearest similar type
- [x] 201 to 1000 ft to nearest similar type
- [ ] 1000 ft to nearest similar type

Human Use Value or Potential
- [x] None
- [ ] Supports 1 family for part of year
- [ ] Completely supports 1 family
- [ ] Supports sizable commercial interest

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Outlet
- [ ] Absent
- [x] Present, to wetland Swamp Creek
- [x] Perennial
- [ ] Intermittent

Outlet
- [ ] Absent
- [ ] Present, to wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [x] Present, from wetland Swamp Creek
- [x] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

Inlet
- [ ] Absent
- [ ] Present, from wetland ___
- [ ] Perennial
- [ ] Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER W-2
FLIGHT, PHOTO NUMBER(S) 6-44

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
1.18	2.8	SHALLOW MARSH
		DEEP MARSH
4.07	9.8	SHRUB SWAMP
36.17	87.4	WOODED SWAMP
		BOG
		OTHER
41.42	100	TOTAL

vegetation

	occ	com	dom
Thuja occidentalis		✓	
(Arbor Vitae)			
Picea mariana		✓	
(Black Spruce)			
Larix laricina	✓		
(Tamarack)			
Coptis groenlandica		✓	
(Canker-root)			
Ribes sp.		✓	
(Gooseberry)			
Sphagnum sp.		✓	
(Sphagnum)			
Diervilla lonicera	✓		
(Bush-Honeysuckle)			
Luzula acuminata	✓		
(Wood Rush)			
		✓	
Caltha palustris			
(Rederray)		✓	
Alnus rugosa			
(Speckled Alder)		✓	
Caltha palustris			
(Marsh Marigold)		✓	
Abies balsamea			
(Balsam Fir)		✓	
Thalictrum polygamum			
(Meadow Rue)			

inventory

number W-2

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Successes
- Stream or Drainage Wetland
- Open Fresh Water
  - Vegetated Successes
  - Non-Vegetated Successes
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Semi-Shrub
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Aquatic
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Dominant
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Drainage Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Successional Richness (Lateral Diversity)
- 10
- 8-9
- 6-5
- 4-3
- 2

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 75% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 76-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; <75% or <25% Peripheral

Percent Open Water
- 0-25%
- 26-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements
- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-2%
- Slope >2%

Surrounding Slopes
- Slope 0-2%
- Slope >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 sq/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Sediment Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland Off-site
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland Off-site
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland Bordering Open Water
- >33%
- 34-66%
- 67-95%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Passable Waterway
- Isolated

Surrounding Population Density
- 1 person/acre (>320/mi²)
- 0.5 - 1.0 acre (640-1220/mi²)
- 2 a/c (<320/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Human Use Value or Potential
- None
- Supports 1 family for part of year
- Exclusively supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER X-2
FLIGHT, PHOTO NUMBER(S) 5-38

MAP NUMBER(S)

ACREAGE

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
0.65	100	WOODED SWAMP
		BOG
-		OTHER
0.65	100	TOTAL

vegetation

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Fraxinus pennsylvanica var. subintegerrima (Green Ash)		✓	
Ulnus americana (American Elm)		✓	
Populus tremuloides (Trembling Aspen)	✓		
Betula lutea (Yellow Birch)	✓		
Dryopteris disjuncta (Oak Fern)		✓	
Carex sp. (Sedge)		✓	
Viola sp. (Violet)		✓	
Arisaema triphyllum (Jack-in-the-Pulpit)	✓		

inventory

number X-2

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Drainage wetland
- Open Fresh Water
  - Permanently Saturated
  - Non Permanently Saturated
- Deep Fresh Marsh
  - Broad Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Bog
  - Meadow
    - Unmanaged
    - Grazed
  - Shrub Swamp
    - Sapling
    - Bushy
    - Coniferous
    - Deciduous
    - Evergreen
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Coniferous
- Fen
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Drainage Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Bog Meadow
- Shrub Swamp
- Wooded Swamp
- Fen
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 90% or 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 76-75% Scattered
- 26-75% Peripheral
- 75% or <25% Scattered
- 100% Cover; >75% or <25% Peripheral

Percent Open Water
- 0-33%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Recreational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-Closed Basin
- Valley
- Hillside

Wetland Gradient
- Slope 0-2%
- Slope >2%

Surrounding Slopes
- Slope 0-2%
- Slope >2%

Topographic Position in Watershed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- Low Permeability <3'

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Intermittent

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 Person/acre (>325/mi²)
- 0.5 - 1.9 p/a (650-1220/mi²)
- <1 p/a (<1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Human Use Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports sizable commercial interest

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Intermittent

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER X-3
FLIGHT, PHOTO NUMBER(S) 5-38

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
		SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
38.1	100	WOODED SWAMP
		BOG
-		OTHER _____
38.1	100	TOTAL

vegetation

	occ	com	dom
Thuja occidentalis (Arbor Vitae)	✓		
Tsuga canadensis (Hemlock)	✓		
Abies balsamea (Balsam Fir)		✓	
Picea mariana (Black Spruce)		✓	
Acer rubrum (Red Maple)		✓	
Alnus rugosa (Speckled Alder)		✓	
Nemopanthus mucronata (Mountain Holly)		✓	
Coptis groenlandica (Canker-root)		✓	
Betula lutea (Yellow Birch)	✓		
Sphagnum sp. (Sphagnum)		✓	
Populus tremuloides (Trembling Aspen)	✓		
Osmunda cinnamomea (Cinnamon Fern)		✓	

inventory

number X-3

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Reed Grass
  - Sedge
  - Semi-Shrub
  - Rushes
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Rushes
  - Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Ungrazed
  - Grazed
- Shrub Swamp
  - Saplings
  - Bushy
  - Dwarfed
  - Alkaline
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- Shallow Fresh Marsh
- Nearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 4
- 3
- 2
- 1

Subclass Richness (Lateral Diversity)
- 10
- 6-9
- 4-5
- 2-3
- 1

Vegetative Interspersion
- High
- Moderate
- Low

Surrounding Habitat
- 75% of 2 or more of Listed Types
- 50-90% of 1 or more; 90% of 1
- 50% of 1 or more of Listed Types

Cover Type
- 76-75% Scattered
- 26-75% Peripheral
- 25% or <25% Scattered
- 100% Cover; <75% or <25% Peripheral

Percent Open Water
- 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- Moderate
- High

Vegetative Density
- High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- Slight 0-2%
- Steep >2%

Surrounding Slopes
- Slight 0-3%
- Steep >3%

Topographic Position in Water Bed
- Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability >4"
- Low Permeability

Hydrological Elements

Hydrologic Position
- Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- Condition 6

Hydrologic Connection
- Not Part of Riverine System
- Part of Riverine System

Water Level Fluctuation
- High
- Low
- Normal Pool

Groundwater Outflow
- Absent
- Present

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland stream
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation

	unus	rare	end

unusual, rare, or endangered fauna

	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- Small <1 acre

Surficial Geologic Material of watershed
- Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent wetland bordering Open Water
- <33%
- 34-66%
- 67-100%
- Does not border

Legal Access
- Yes
- No

Depth
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- Within 100 ft of Road
- Access by Possible Waterway
- Isolated

Surrounding Population Density
- >1 person/acre (>320/mi²)
- 0.5 - 1.0 p/a (640-1220/mi²)
- 2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- 1000 ft to nearest similar type

Known Uses Value or Potential
- None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports viable commercial interest

WETLAND INVENTORY REPORT

PROJECT NUMBER 448
WETLAND NUMBER X-4
FLIGHT, PHOTO NUMBER(S) 5-38

MAP NUMBER(S) _____

ACREAGE _____

ACREAGE	PERCENT	
		WET MEADOW
0.75	100	SHALLOW MARSH
		DEEP MARSH
		SHRUB SWAMP
		WOODED SWAMP
		BOG
		OTHER _____
0.75	100	TOTAL

Vegetation

	occ	com	dom
Acer rubrum (Red Maple)		✓	
Betula lutea (Yellow Birch)		✓	
Picea mariana (Black Spruce)	✓		
Carex sp. (Sedge)			✓
Abies balsamea (Balsam Fir)	✓		
Salix sp. (Willow)		✓	

Inventory

number X-4

date 5/14/81

field investigator(s)

D. Magee, G. Hollands

water quality

Wetland Subclasses
- Stream or Brookside Wetland
- Open Fresh Water
  - Vegetated Subclass
  - Non Vegetated Subclass
- Deep Fresh Marsh
  - Deep Woody
  - Shrub
  - Sub-Shrub
  - Robust
  - Narrow-Leaved
  - Broad-Leaved
- Shallow Fresh Marsh
  - Robust
  - ☒ Narrow-Leaved
  - Broad-Leaved
  - Floating-Leaved
- Flood Plain/Flats
  - Emergent
  - Shrubs and Trees
- Wet Meadow
  - Unmarked
  - Grazed
- Shrub Swamp
  - Sapling
  - Bushy
  - Compact
  - Aquatic
- Wooded Swamp
  - Deciduous
  - Evergreen
- Bog
  - Shrub
  - Wooded

Ecological Elements

Dominant Wetland Class
- Stream or Brookside Wetland
- Open Fresh Water
- Deep Fresh Marsh
- ☒ Shallow Fresh Marsh
- Yearly Flooded Flood Plain
- Wet Meadow
- Shrub Swamp
- Wooded Swamp
- Bog
- Other

Wetland Class Richness
- 5
- 4
- 3
- 2
- ☒ 1

Subclass Richness (Lateral Diversity)
- >10
- 6-9
- 4-5
- 2-3
- ☒ 1

Vegetative Interspersion
- High
- Moderate
- ☒ Low

Surrounding Habitat
- >90% of 2 or more of Listed Types
- ☒ 50-90% of 1 or more; 90% of 1
- <50% of 1 or more of Listed Types

Cover Type
- 26-75% Scattered
- 26-75% Peripheral
- 75% or <25 Scattered
- ☒ 100% Cover; >75% or <25% Peripheral

Percent Open Water
- ☒ 0-30%
- 34-66%
- 67-95%
- 96-100%

Vegetative Species Richness
- ☒ Low
- Medium
- High

Proportion of Wildlife Food Plants
- Low
- ☒ Moderate
- High

Vegetative Density
- ☒ High
- Moderate
- Low

Wetland Juxtaposition
- Highly Favorable
- Moderately Favorable
- ☒ Unfavorable

Special Elements

- Aquatic Study Area
- Sanctuary or Refuge
- Wildlife Management Area
- Fisheries Management Area
- Educational Study Area
- Historical Area
- Other

Topographical Elements

Topographic Configuration
- ☒ Closed Basin
- Semi-closed Basin
- Valley
- Hillside

Wetland Gradient
- ☒ Slight 0-3%
- Steep >3%

Surrounding Slopes
- ☒ Slight 0-3%
- Steep >3%

Topographic Position in Watershed
- ☒ Upper
- Intermediate
- Lower

Geological Elements

Surficial Material
- ☒ Till
- Stratified Sand and Gravel
- Stratified Fine Sand and Silt
- Alluvium

Bedrock
- ☒ Igneous and Metamorphic
- Sedimentary

Organic Material
- Absent
- High Permeability
- ☒ Low Permeability

Hydrological Elements

Hydrologic Position
- ☒ Perched Wetland
- Water Table Wetland
- Water Table/Artesian Wetland
- Artesian Wetland

Transmissivity of Aquifer
- ☒ Low <10,000 gal/day/ft
- Moderate 10,000 - 40,000 gal/day/ft
- High >40,000 gal/day/ft

Dominant Hydrologic Type
- Condition 1
- Condition 2
- Condition 3
- Condition 4
- Condition 5
- ☒ Condition 6

Hydrologic Connection
- ☒ Not Part of Riparian System
- Part of Riparian System

Water Level Fluctuation
- High
- ☒ Low
- Vernal Pool

Groundwater Outflow
- ☒ Absent
- Present

Inlet
- ☒ Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Inlet
- Absent
- Present, from wetland ___
- Perennial
- Ephemeral

Outlet
- ☒ Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

Outlet
- Absent
- Present, to wetland ___
- Perennial
- Ephemeral

unusual, rare, or endangered vegetation	unus	rare	end

unusual, rare, or endangered fauna	unus	rare	end

Size
- Large >4.6 acres
- Medium 1.1-4.5
- ☒ Small <1 acre

Surficial Geologic Material of watershed
- ☒ Till
- Stratified sand and gravel
- Stratified fine sand and silt
- Alluvium

Percent Wetland Bordering Open Water
- <33%
- 34-66%
- 67-100%
- ☒ Does not border

Legal Access
- Yes
- ☒ No

Fetch
- Over 2000 ft.
- Under 2000 ft.

Depth of Lake
- Deep >6 ft.
- Shallow <6 ft.

Social-economical Elements

Hydrologic Connection
- Connected to a Small Stream
- Connected to a River
- Connected to a Lake
- Connected to a Combination

Access to Public
- within 100 ft of Road
- Access by Passable Waterway
- ☒ Isolated

Surrounding Population Density
- <1 person/acre (<320/mi²)
- 0.5 - 1.5 p/a (430-1220/mi²)
- >2 p/a (1220/mi²)

Local Scarcity
- 200 ft to nearest similar type
- 201 to 1000 ft to nearest similar type
- ☒ 1000 ft to nearest similar type

Known Crop Value or Potential
- ☒ None
- Supports 1 family for part of year
- Completely supports 1 family
- Supports stable commercial interest

UW-STEVENS POINT
3 1775 621723 0