

Canada Works Projects
Nova Scotia and New Brunswick
1985

Sackville Env. Can. Lib./Bib.



39 504 579

Final Report

R. G. Hounsell
April, 1986

Canadian Wildlife Service
Sackville, New Brunswick



OH
545
H839
1985

REPORT



Environment
Canada

Canadian Wildlife
Service

Environnement
Canada

Service canadien
de la faune

Proposed clean up activities following field inspection visit of Germantown & Mary's Point units of Shepody NWA on September 11, 1985.

Germantown railway bed trail:

- clean up the few deadfalls
- the trail should be widened with brush mower in the open areas
- remove old bridge pieces lying under new ones
- 3 longer bridges need railings - 2 could be rebuilt if time permits
- 7 old short bridges (4' to 10' span) should be replaced
- 2 low spots need bridges
- put up many rest benches along trail
- take down Edgar Dickson's cabin and remove all debris from trail area
- set up bridge or culvert at lower end entrance
- put up trail sign at upper end entrance
- clean and clear parking area at upper end and remove old NWA sign

Cabin:

- complete inside construction
- clean outside
- clear brush around gate
- fill in holes - entrance (gravel?)

Mary's Point Unit:

- clear and clean around Mary's Point entrance sign
- build new or remodel existing garbage bin in parking lot
- clear brush around parking lot edge
- widen trail to observation deck with hand tools
- remove shorebird exhibit signs and wildlife habitat protection signs (to be replaced in spring)
- apply coat wood preserver to viewing stand
- set up stand with special mount for scoping scope (see Cap Tourmente idea)
- cover old well hole on CWS property (see D. Christie)

- for next spring (1986):
 - have new signs for shorebird exhibit
 - replace wildlife habitat protection signs
 - have spare trail and observation deck signs made
 - make "private driveway", etc. signs (see M. Majka)
 - replace visitor book
 - new laminated tide tables to be put upon bulletin board

September 1985
Jocelyne Gauvin

Jocelyne Gauvin

Copy for J. Gauvin

Update on Canada Works Project

People and Wildlife

New Brunswick

September 1985
Jocelyne Gauvin

Table of contents

- I. Summary of project particulars
- II. Various comments
- III. Recommendations
- IV. List of activities to date

I. Summary of project particulars

- People and Wildlife N.B. is the title to the Sackville based Canada Works - section 38 project
- The Chignecto Naturalist Club c/o Paul Bogard and Con Desplanques is the sponsoring agency
- B. Holmes of CEC Moncton Employment Development Branch is the project officer
- Project duration : April 8; 1985 to December 20, 1985
- Budget: \$46,501 (wages: \$34,978; O & M: \$11,523)
- Employees

Todd Estabrooks	Manager	April 18 -
Susan Rodda	worker/bookeeper	April 18 -
Jasper Sears	worker	April 18 - July 5
Gary Bulmer	worker	July 8 - July 27
Gerry Richard	worker	July 22 -
Tim Donovan	worker	July 22 - October 11
- Canadian Wildlife Service staff involved:
 - Ron Hounsell - supervisor
 - Peter Barkhouse - habitat related work and a variety of other
 - Randy Hicks - waterfowl banding program
 - other CWS staff were periodically involved with project employees

II. Various Comments

These comments were collected through discussions with people involved in the project

- very good workers
- good project, ran very smoothly
- the work accomplished through these projects are very worthwhile and should be continued
- regular supervision is very important but very time consuming
- section 38 is a very poor deal for the workers even though they very much enjoy the work and work experience
- the wages offered through these programs are much too low for the quality of workers we are getting

III. Recommendations

It is recommended that we continue to be involved with these special employment programs.

It is recommended that adequate and necessary supervision time be allocated to these projects. The importance of a good supervisor-worker relationship cannot be emphasized enough. Input of the required effort will result in more productive and satisfied employees. Only then can we consider having completely achieved program goals.

It is recommended that the final list of project activities also include a list of the reports in which project workers have provided data collection (i.e. banding).

IV. List of Activities to date - September 12, 1985 (From R. Hounsell, supervisor)

Tintamarre

- renovated and established a workshop at a trailer near Impoundment 6
- did repairs and alterations to Tintamarre storage barn
- located and marked approximately 1.7 km of boundary line heretofore undefined
- inspected and cleaned Wood Duck boxes
- cleaned, painted and posted about 8 km of boundary line
- conducted ongoing water level monitoring at impoundments

Cape Jourimain

- constructed several tern nesting islands and installed them in a brackish impoundment
- constructed and erected barriers and "No Vehicles" signs along critical sections of sand dunes
- did some boundary line clearance

Shepody NWA

- replaced interpretation signs at Mary's Point and cleaned up trail from parking lot to observation deck.
- constructed and partitioned a 16' x 8' addition to the Shepody cabin for use as bathroom and extra bedroom
- installed septic tank and various plumbing for the above structure
- assisted P. Barkhouse with invertebrate collections
- conducted waterfowl bait-trapping at Germantown, Daley Creek, and New Horton

Portobello Creek

- minor alterations to Portobello cabin
- boundary line maintenance, painting, etc. on north side of area

Miscellaneous

- assisted with airboat banding
- constructed large lock-up type cabinet for Sackville office
- cleaned, scraped, and painted several aluminum canoes
- field tested various pieces of equipment, outboard motors, boats, etc.

Update On Canada Works Project

People and Wildlife

Nova Scotia

September 1985
Jocelyne Gauvin

Table of contents

- I. Summary of project particulars
- II. Various comments
- III. Recommendations
- IV. List of activities to date

Appendix - Waterfowl Survey of the West Amherst Area
Spring 1985

I. Summary of project particulars

People and Wildlife Nova Scotia is the title to the Amherst based Canada Works constituency funds project.

The Chignecto Naturalist Club c/o Paul Bogard and Con Desplanques is the sponsoring agency

G. Canon and M. Menard of CEC Halifax Employment Development Office are the project officers

Project duration: April 1, 1985 - January 24, 1986

Budget: \$29,066 (wages: \$20,000; O&M \$8,650)

Employees:

David Crocker	manager	April 1 - August 30
David Arsenault	manager	August 30 -
Debbie MacAloney	bookkeeper	April 1 -
John Downey	worker	April 1 - May 31
Stephen Cormier	worker	May 31 -

- Canadian Wildlife Service staff involved:

- Ron Hounsell - supervisor
- Peter Barkhouse - habitat related work and a variety of other
- Randy Hicks - waterfowl banding program
- other CWS staff were periodically involved with project employees

II. Various Comments

These comments were collected through discussions with people involved in the project

- very good workers
- good project, ran very smoothly
- the work accomplished through these projects are very worthwhile and should be continued
- regular supervision is very important but very time consuming
- a 3-person crew handles much better and much easier
- there were problems with the bookkeeper but it has been worked out
- the wages that can be offered through these programs are much too low for the quality of workers we are getting

III. Recommendations

It is recommended that we continue to be involved with these special employment programs.

It is recommended that adequate and necessary supervision time be allocated to these projects. The importance of a good supervisor-worker relationship cannot be emphasized enough. Input of the required effort will result in more productive and satisfied employees. Only then can we consider having completely achieved program goals.

It is recommended that the final list of project activities also include a list of the reports in which project workers have provided data collection (i.e. banding).

IV. List of Activities to date - September 1985 (From R. Hounsell, supervisor)

Amherst Point - John Lusby

- conducted spring waterfowl surveys
- constructed board walks (2) across road ditches between APBS parking lot and John Lusby trail
- cleaned up and removed old blind materials from the Burgess impoundment
- upgraded John Lusby trail and mowed foot paths at APBS
- removed old rough timber bridge and constructed new bridge to replace it at APBS
- did some trail repair and management at APBS
- conducted ongoing water level monitoring at both areas
- carried out waterfowl bait-trapping and banding at APBS and JLMS

Wallace Bay

- conducted ongoing water-level monitoring in impoundments
- insulated and sealed Wallace cabin
- replaced some boundary signs and cleaned and painted some boundary lines

Miscellaneous

- constructed a routed display sign for Machias Seal Island (see photo).
- brushcut cattail in Impoundment 3 (about one acre) as part of cattail control experiment
- painted peregrine falcon caretaker house at Cape D'Or
- assisted with airboat banding
- constructed silhouette goose decoys to be used as lures for cannon netting Canada Geese
- repaired Mary's Point signs
- constructed a number of "supplies boxes" for various CWS projects
- assisted with analysis of invertebrate samples at Sackville office

Waterfowl Survey of the West Amherst Area
Spring 1985

Peter Barkhouse
Canadian Wildlife Service
Sackville, New Brunswick
August 1985

Introduction and Methods

The area west of Amherst, Nova Scotia shown outlined in Figure 1 traditionally provides spring migration habitat for Canada Geese and other waterfowl. It comprises the 600 ha John Lusby Section of Chignecto NWA, portions of LaPlanche River and Cumberland Basin, sodland (Maritime Sod Co.) and upland fields (pasture, hayland and grain). Ground surveys were conducted during March 7 to April 26, 1985 to document the abundance and distribution of waterfowl, particularly Canada Geese, within the area.

Survey procedures were the same as those employed during spring 1984. The survey area was systematically viewed using a pair of 7X binoculars and a 20X telescope from observation sites shown in Figure 1. Depending on the amount of habitat available to waterfowl, surveys required from one to three hours to complete. Observations and other information including survey times, weather and habitat conditions were recorded on a field survey sheet (copy attached). A total of 22 surveys, usually at 2-3 day intervals were conducted in 1985.

Results and Discussion

The numbers of Canada Geese observed in the survey area west of Amherst during March 7 to April 26, 1985 are presented in Table 1. Canada Geese were first recorded on

March 11 when 21 were seen in the Cumberland Basin. The number steadily increased during the following 10 day period reaching a high of 1432 on March 22. It appears that those birds left the area during the next few days and on March 29 geese were not observed in the survey area.

Canada Geese were again observed on April 1 with 316 present. The number dropped slowly during the next 10 days with 157 present on April 10. More birds were present during the following few days with 618 on April 12 and 532 on April 15; but on April 17 the number was again less than 200. On April 26, the day of the last survey, 210 birds were observed.

The accumulated total number of geese observed on the Sodland over the survey period was 7999; 86.2 percent of the survey area total. Geese were not observed on the saltmarsh and saltmarsh impoundments until April 10 and following that they were present there in small numbers. The saltmarsh and saltmarsh impoundment accumulated totals accounted for 6.6 and 5.6 percent of the survey area total respectively. Geese were observed in the Cumberland Basin on two occasions and in the upland on one occasion.

Survey results for 1984 are presented in Table 2 and a comparison with Table 1 shows that larger numbers of Canada Geese were present in 1985. There were substantially more present in March 1985 than in March 1984 but April numbers for the two years were similar.

A comparison of distribution of geese within the survey area between the two years shows that birds frequented

the sodland much more extensively and consistently in 1985. That appears to relate to the higher March 1985 numbers and the almost exclusive use of sodland during that time. Occurrence during April of both years was more evenly distributed between sodland and saltmarsh. The saltmarsh impoundments were used more in 1985 than in 1984.

Use of the west Amherst Area by Canada Geese in 1985 was more favourable than in 1984, but numbers were still considerably below those reported during 1969 to 1974 (mean peak number for six years was 3060, Barrow and Barkhouse, 1984). Regular spring waterfowl surveys of the west Amherst area should be continued for the next few years at least.

Acknowledgement

1985 surveys were conducted by David Crocker, Project Manager of Canada Works Project - People and Wildlife, Amherst, Nova Scotia

Literature Cited

Barrow, W. and P. Barkhouse. 1985. Waterfowl Survey of the
West Amherst Area, Spring 1984. CWS Internal Report,
Sackville, New Brunswick.

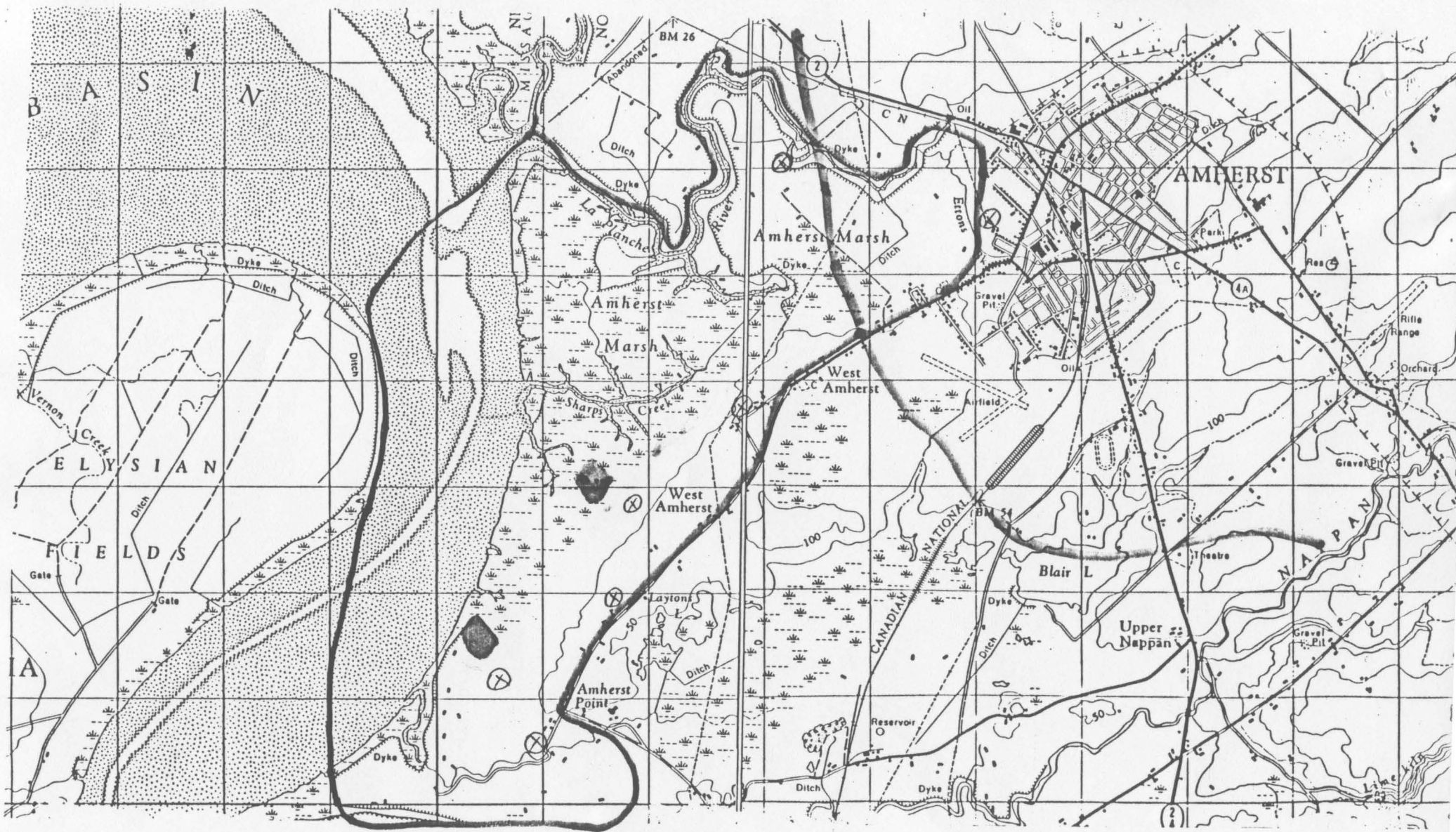


Figure 1. Map of West Amherst Survey Area showing locations of major habitats and principal observation sites.

Legend:

Survey Area



John Lusby Saltmarsh



Saltmarsh Impoundments



Sodland



Observation Sites



Trans-Canada Highway



Table 1. Numbers of Canada Geese observed in West Amherst Area¹ during 1985 ground surveys

Date	Sodland	Saltmarsh	Impoundment	Cumberland Basin	Upland	Total
<u>March</u>						
7	-	-	-	-	-	-
11	-	-	-	21	-	21
13	337	-	-	-	9	346
15	568	-	-	-	-	568
18	864	-	-	-	-	864
20	1116	-	-	-	-	1116
22	1432	-	-	-	-	1432
26	1294	-	-	-	-	1294
27	738	-	-	-	-	738
29	-	-	-	-	-	-
<u>April</u>						
1	316	-	-	-	-	316
3	213	-	-	-	-	213
5	74	-	-	116	-	190
8	174	-	-	-	-	174
10	-	16	141	-	-	157
12	213	213	192	-	-	618
15	459	63	10	-	-	532
17	17	146	-	-	-	163
19	-	58	58	-	-	116
22	-	19	60	-	-	79
24	73	53	11	-	-	137
26	111	46	53	-	-	210
Total	7999	614	525	137	9	9284
Percent	86.2	6.6	5.6	1.5	0.1	

¹See Figure 1 for extent of coverage

Table 2. Numbers of Canada Geese observed in the west Amherst Area,¹
during ground surveys conducted in 1984.

Date	Sodland	LaPlanche River	Saltmarsh	Impoundments	Cumberland Basin	Upland	Total
<u>March</u>							
1,5,7 and 9	-	-	-	-	-	-	-
15	40	-	-	-	-	-	40
16	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
23	15	-	344	-	-	-	359
26	-	-	-	-	190	-	190
28	140	100	-	-	199	-	439
<u>April</u>							
2	-	-	165	-	-	-	165
4	-	-	360	-	-	-	360
6	38	-	105	-	-	-	143
11	326	-	-	-	-	60	386
13	210	-	-	-	-	-	210
16	-	-	124	-	-	365	489
19	342	-	42	-	-	35	419
24	60	-	759	8	170	-	997
27	-	-	787	-	-	-	789
Total	1171	100	2686	8	559	460	4987
Percent	23.48	2.00	53.86	0.16	11.21	9.22	

¹Accompanying figure shows extent of coverage

Spring Canada Goose Survey - West Amherst

DATE: _____ OBSERVER: _____

TIME: Start _____; Finish _____

WEATHER: Temp. ____°C; Wind ____ mph; Sky _____ % clear

HABITAT CONDITIONS: Sodland _____

Saltmarsh _____

Upland _____

VISIBILITY: _____

Location	Canada Geese	Other Waterfowl (Specify)
Sodland		
Saltmarsh (NWA)		
Impoundment (NWA)		
Cumberland Basin		
Upland		
Other		
Other		
Total		

COMMENTS:

CANADIAN WILDLIFE SERVICE
P. O. BOX 1590
SACKVILLE, N. B.
EOA 3CO

REPORT

QH
545
H839
1985

Canada Works Projects
Nova Scotia and New Brunswick

1985

Final Report

R. G. Hounsell

March, 1986

Canadian Wildlife Service

Sackville, New Brunswick

Table of Contents

	Page
I. Introduction	1
II. Project 1642 D8D-West Amherst	1
a) Description	1
b) Work accomplishments	3
Amherst Point-John Lusby NWA's	3
Wallace Bay NWA	6
Other accomplishments	6
III. Project 2293-DE4-Tintamarre	8
a) Description	8
b) Work accomplishments	10
Tintamarre NWA	10
Shepody NWA	11
Cape Jourimain NWA	12
Portobello Creek NWA	13
Other accomplishments	13
IV. Comments	14
List of References	15
Figures 1-6	

Introduction

In 1985 the Chignecto Naturalist Club sponsored two Canada Works projects on behalf of the Habitat section of Canadian Wildlife Service. One project was located at West Amherst, N.S. and the other operated out of the Canadian Wildlife Service office in Sackville, N.B. This report deals with the details of funding, operation and accomplishments of these two projects. It also lists the names of personnel directly involved with both projects and comments on the relative usefulness of such projects.

I Project 1642 D8D-West Amherst

A) Description

Title: People and Wildlife

Sponsor: Chignecto Naturalist Club with Con Desplanque and Paul Bogaard as principal signatories.

Objectives:

- to provide public use facilities on federally owned NW Areas
- to support management and maintenance activities that serve to enhance the identity of Federal NWA's and to serve as demonstration areas of wildlife management principles.
- to conduct wildlife surveys on NWA's in order to further document wildlife resources and public use on these federal lands.
- to serve a training and educational function by instructing the project employees in the application of management principles and other technical functions.

Activities:

-upgrade and maintain trails and interpretation facilities at the Amherst Point section of Chignecto NWA and to establish new hiking and interpretation trails and public use facilities such as observation blinds, bridges, signages, etc.

- clean and clear-out boundary lines and roadways and post appropriate signage.

- conduct wildlife management activities including thinning of forest stands, old field clearance, forest stand improvement, etc.

- construct and install bird nest boxes and structures.

- carry out wetland improvements, monitor wildlife populations, operate a waterfowl banding station and monitor visitor use of NW Areas.

Total work weeks: 90

Total funding: \$28,650

No. of employees: 2 full-time field workers & 1 part-time bookkeeper

Start date: April 1, 1985

Finish date: Jan. 10, 1986

Primary work place: Chignecto & Wallace Bay NW Areas.

Source of Funding: Constituency Funds - Canada Manpower

Employees & Time Worked:

David Crocker - Foreman - Apr. 1-Aug. 31

David Arsenault - Foreman - Sept. 2-Jan. 10/86

John Downey - Labourer - April 1-May 31

Stephen Cormier - Labourer - June 1-Jan. 10/86

Debbie MacAloney - book-keeper - April 1-Jan. 10/86

Project supervisor: R. G. Hounsell

B) Work Accomplishments

As already mentioned the main areas of work for this project were Chignecto NWA (Amherst Point Bird Sanctuary and John Lusby Saltmarsh) and Wallace Bay NWA. In addition, a significant amount of time was spent in the preparation of fixtures and materials for other CWS projects and NW Areas. A small amount of time was spent on the maintenance and upkeep of NWAs in southwestern Nova Scotia as well. The following is a listing of the overall work accomplishments of this project.

Amherst Point - John Lusby

- 1) Conducted spring waterfowl surveys at West Amherst on the following areas: John Lusby saltmarsh, portion of the Laplace River and Cumberland Basin, maritime Sod Co. sodland and surrounding upland fields (pasture, hayland and grain). Ground surveys were carried out at 2-3 day intervals during the period March 7-April 26 and species and numbers of waterfowl observed were recorded (Barkhouse, 1985).
- 2) Constructed two board walks across the road ditches between the APBS parking lot and the John Lusby hiking trail. These board walks were about 14' x 4' in size and were constructed of 2" x 6" lumber (Fig. 1).
- 3) Upgraded the John Lusby hiking trail by brushcutting, ditching and filling with gravel. This trail is about 1 km long and contained some

low, wet areas as well as areas of running water .(Fig. 1)

4) Removed unsightly duck blind materials from the dikes and from an island within the Burgess impoundment. Over the years hunters have built hunting blinds around and within the Burgess impoundment of sheet metal, plywood, etc. All such materials were removed and taken to a garbage dump (Fig. 1).

5) Mowed grass and brush on footpaths throughout the APBS and at information sign locations within the APBS. Approximately 3.5 km of hiking trails and the area around the information signs at the entrance to the sanctuary and at the top of the glen were kept clean and tidy throughout the project duration (Fig. 2).

6) Removed the old footbridge located on the old railroad bed between the Cove and Musquash Pond and replaced it with a new 16' x 4' bridge with rails. The new bridge is constructed of pressure treated 2" x 6" lumber, 1" x 4" verandah board and 2" x 4" lumber (Fig. 2).

7) Conducted ongoing water-level monitoring at water control structures at APBS & JLSM.

8) Carried out live-trapping and banding of waterfowl on the JLSM and APBS. A total of 380 ducks were trapped, banded and released. Numbers of each species were as follows: 310 Black Duck, 30 Blue-winged Teal, 24

Ring-necked Duck, 8 Mallard, 5 Green-winged Teal and 3 black x mallard hybrid (Bateman and Barrow, 1985).

9) All 20.1 km of boundary line of the APBS and 12.1 km of boundary line of the JLS marsh were checked and where necessary were cleared, painted with blue paint and re-posted.

10) Refilled steps down to the glen with wood chips (Fig. 2).

11) Replaced gravel, filled holes and constructed proper drainage facilities at various locations along the walking trail at APBS. One area that required special attention in this regard was the section of trail near the SE end of Layton's lake where the trail was diverted around a wet section (Fig. 2).

12) Replaced and repaired, on an ongoing basis, various information and direction signs at the APBS. Vandals seem to take great delight in destroying signs. This situation was remedied somewhat by using lumber of 2" thickness rather than 1" thickness for certain signs.

13) Maintained a tidy parking lot at the APBS. People insisted on throwing garbage around and it was necessary to pick-up after them at least once a week (Fig. 2).

14) Checked, cleaned and repaired Wood Duck and Barred Owl nest boxes at the Amherst Point Bird Sanctuary.

15) Carried out oldfield manipulations at the APBS as recommended in the 1984 Management Plan (Barkhouse, 1984). This consisted of the thinning of a stand of spruce trees along the NE side of the cove (Fig. 2).

Wallace Bay NWA

- 1) Insulated and sealed a 10 x 12' cabin owned by CWS on the Wallace Bay NWA. Also installed a storm door on the cabin (Fig. 3).
- 2) Monitored water levels at Wallace Bay NWA on a monthly basis.
- 3) Checked all 20.9 km of boundary line at Wallace Bay NWA and where necessary re-cleared, painted and re-posted lines.
- 4) Removed two 4' x 8' entry signs from along Route 6 and one sign from along the Fox Harbour Road. Replaced them with two 2' x 4' entry signs along the Bideau Road (Fig. 3).

Other Accomplishments

- 1) Cleared and re-posted where necessary property lines at NW Areas and Sanctuaries in SW Nova Scotia, as follows: Port Hebert, Sable River, Port Joli and Haley Lake. All 24.1 km of boundary line of these areas were checked and about 16 kilometers needed re-posting and/or cleaning.
- 2) Constructed and prepared a 4' x 6' information sign on 3/4" pine plywood for Machias Seal Island. The boundary of the island and all its facilities were routered, colour coded and an appropriate legend was added. Several coats of plastic varnish were then applied to protect the

sign from the weather. This was an especially fine effort by the project employees.

3) Scraped and painted the peregrine falcon caretaker house at Cape d'Or.

4) Constructed of 1/4" plywood and painted several dozen silhouette goose decoys for the Surveys Project. These decoys were used to attempt to decoy spring migrant Canada Geese for capture and banding.

5) Repaired Mary's Point information signs. The four signs were becoming weatherworn and water was seeping underneath the plastic coating. It was therefore necessary to border them with wood and seal the joints with a plastic sealant.

6) Constructed several 16" x 18" x 36" storage boxes of 1/4" plywood and 1" x 2" lumber. These boxes were mostly for storage and transportation of food and supplies on Machias Seal Island and on the Wolves eider project.

7) Assisted with analysis of invertebrate samples at the Sackville office. This involved searching through sweep-net samples collected from NWA impoundments and separating the different invertebrates for identification.

8) Constructed numerous routered signs of 1" and 2" lumber for various NW Areas. Examples of such signs are "No Vehicles", "No Hunting", etc. in both official languages.

9) Constructed a 3' x 3' science display case of pine for the Tantrammar High School Library. This was constructed in response to a request by the Chignecto Naturalist Club. Again, an excellent job by the project crew.

10) Assisted in search for Black Duck nests on NW Areas. This was part of a joint University of Guelph-CWS Black Duck-Mallard hybridization study.

11) Cut several dozen posts to be used as perching posts for birds in artificial impoundments.

III Project 2293-DE4-Tintamarre

A) Description

Title: People and Wildlife

Sponsor: Chignecto Naturalist Club with Susan Rodda, A. D. Smith and Paul Bogaard as principal signatories.

Objectives:

- Identical to those for project # 1642 D8D

Activities:

- Clearance of boundary lines and roadways and posting of appropriate signage on National Wildlife Areas.

- effect repairs and renovations to research and storage facilities on NW Areas.

- carry out wildlife management activities on NW Areas including cutting of bushes and trees in old fields, installation of bird nesting boxes and structures, monitoring of water levels at control structures, monitoring of wildlife populations and operation of a waterfowl banding station.

Total work weeks: 128 1/2

Total funding: \$48,177

No. of employees: 3 full-time

Start date: April 8, 1985

Finish date: Dec. 20, 1985 initially, but an additional 8 1/2 weeks of funding for one person was granted for the period Dec. 30/85-Feb. 28/86.

Primary work place: Tintamarre NWA and Shepody NWA

Source of Funding: Section 38 UI

Employees & Time Worked:

Todd Estabrooks - Foreman - Apr. 8-Dec. 20

Susan Rodda - Fieldworker-Bookkeeper - Apr. 8/85-

Jan. 12/86

Jasper Sears - Fieldworker - Apr. 8-June 29

Gary Bulmer - Fieldworker - July 8-July 27

Gerry Richard - Fieldworker - July 29-Dec. 20

Tim Donovan - Fieldworker - July 29-Oct. 11

Ingrid Brocklehurst - Clerk - Jan. 13/86-Feb. 28/86

Project supervisor: R. G. Hounsell

B) Work Accomplishments

The main work areas for this project were Tintamarre NWA and Shepody NWA. Some time, however, was devoted to the maintenance and upkeep of boundary lines and facilities on Cape Jourimain NWA and Portobello Creek NWA. Assistance was also provided to CWS projects other than Habitat. The following is a list of the overall work accomplishments of this project.

Tintamarre NWA

- 1) Renovated and established as a workshop a 10' x 20' trailer near impoundment 6, Tintamarre NWA (Fig. 4).

- 2) Carried out repairs and alterations to the Tintamarre storage barn to make it more suitable as a storage area for larger pieces of equipment. This involved the removal of a partition and the reinforcement of loft supports in the barn. Also repairs were made to the 16' x 10' sliding door and the barn was given a badly needed clean-up (Fig. 4).

- 3) Inspected, cleared, painted and reposted Tintamarre NWA boundary lines as necessary. All 30.6 km of boundary line were inspected, 11 km were re-cleared, reposted and painted and the remaining 19.6 km were reposted (Estabrooks, 1985).

- 4) Located, cleared and painted about 1.7 km of boundary line heretofore not delineated. The piece of land it bounded is part of the Old Watters property and contains about 65 acres (Fig. 4).

5) Conducted ongoing water level monitoring of impoundments and lakes at Tintamarre NWA.

6) Inspected and cleared 8-10 Wood Duck boxes in the Front Lake-Large Lake area.

7) Did bushcutting in Old Watters field (Fig. 4).

Shepody NWA

1) Built an 8' x 16' addition to the Shepody cabin. Included in this 128 sq. ft. addition were the following installations: septic tank, flush toilet, shower, new hot water heater, bathroom sink plus the necessary plumbing. One half of the 8' x 16' area is used as a bathroom, the other half as an extra bedroom or storage room. The Shepody cabin is now 28' x 16' in size and contains all facilities necessary for comfortable living (Fig. 5).

2) Replaced information signs at Mary's Point and maintained the walking trail between the parking lot and observation deck (Fig. 5).

3) Operated a waterfowl live-trapping and banding station at Germantown, Point Horn Creek and New Horton marshes. A total of 491 waterfowl were trapped, banded and released. Numbers of each species are as follows: 281 Black Ducks, 113 Blue-winged Teal, 38 Wood Ducks, 26 Mallards, 18 Green-winged Teal, 14 Pintail and 1 Common Gallinule (Bateman and Barrow, 1985).

4) Assisted P. Barkhouse with invertebrate collections and sorting.

5) Maintained boundary lines as follows:

- Germantown sections: inspected all 25 km of boundary line.

Cleaned, painted and re-posted about 8 km and re-posted about 5 km.

- Point Horn Creek & Mary's Point section: Cleaned, painted and re-posted about 2 km of boundary line and re-posted about 2 km.

- New Horton Section: cleaned, painted and re-posted about 2 km and re-posted about 2.5 km of boundary line.

Cape Jourimain NWA

1) Constructed several tern nesting islands and installed them in a brackish impoundment. One island was 8' x 8' in size and was constructed of 2 sheets of 4' x 8' x 6" sheets of styrofoam framed with 1" x 6" verandah board and decked with 1/4" plywood. The island was covered with marsh vegetation and soil and anchored in the impoundment (Sills and Martin, 1983). The remaining eight islands were about 2' x 2' x 4" size and were constructed of 2" and 4" boards and 3/4" styrofoam. These islands were also covered with marsh vegetation and anchored in the same impoundment (Henderson, undated, Sills and Martin, 1983) (Fig. 6)

2) Constructed and erected vehicle barriers and cement based "No Vehicles" signs for fragile areas and sand dune areas of Cape Jourimain NWA (Fig. 6).

3) Re-posted about 6 km of the 16.9 km boundary line of Cape Jourimain NWA.

Portobello Creek NWA

- 1) Reposted about 7 km of boundary line along roads and re-cleared, painted and reposted an additional 6.5 km of boundary lines through wooded areas of Portobello Creek NWA.

- 2) Did some minor repairs and adjustments to the Portobello Cabin.

Other accomplishments

- 1) Assisted with airboat night banding.

- 2) Constructed a large, sturdy lock-up type cabinet for the Sackville office. An excellent job.

- 3) Scraped, cleaned and re-painted 5 aluminum canoes.

- 4) Tested, checked and had repairs done to several pieces of field equipment: motors, boats, etc.

- 5) Constructed a pamphlet display case for the Sackville Town Library. This was done in response to a request from the Chignecto Naturalist Club. Again, an excellent job.

IV Comments

Overall, both projects ran quite smoothly and a great deal of work was accomplished by them. The Chignecto Naturalist Club through Paul Bogaard and Con Desplanque did an admirable job in the sponsorship of the Amherst Point project and we are most grateful for their efforts.

Such projects are useful and valuable, but they do have some drawbacks as follows:

Section 38 (UI funded) The most serious drawback to this type of project is that project employees are constantly using up their UIC benefits and in our case two employees had almost totally exhausted their UIC benefits by Dec. 20th. A second drawback is a result of the first since it creates a high turnover of employees who find regular jobs with which they can accrue UIC benefits.

Canada Works (Constituency funded) The main drawback here is the low salaries which could make it difficult to acquire people of the desired calibre. I hasten to add however, that we were extremely fortunate in this regard with the Amherst project.

A major drawback with both projects is the uncertainty of being able to obtain the same employees from year to year. Again, in this case, we were extremely fortunate in that both the Amherst and Tintamarre project foremen had worked with us the previous year.

Regardless of drawbacks, however, unless we acquire additional man-months, we will likely continue to depend on such projects especially for NWA maintenance and upkeep.

List of References

- BARKHOUSE, PETER. 1985. Waterfowl Survey of West Amherst Area, Spring, 1985. CWS internal report, Sackville, N.B.
- _____. 1984. Chignecto National Wildlife Area. Management Plan. CWS internal report, Sackville, N.B.
- BATEMAN, M. C. and W. R. BARROW. 1985. Atlantic Flyway Co-operative Banding program. Atlantic Provinces, 1985. CWS Internal report, Sackville, N.B.
- ESTABROOKS, TODD. 1985. Boundary line work. 1985. CWS internal report, Sackville, N.B.
- HENDERSON, CARROL L. Homes for Birds and Mammals (Woodworking for Wildlife). Minnesota Dept. of Natural Resources, St. Paul, MN. (undated)
- SILLS, NORMAN and PETER MARTIN (RSPB). Rafts for Terns - Parks. Vol. 8 - No. 1 - April May June - 1983.

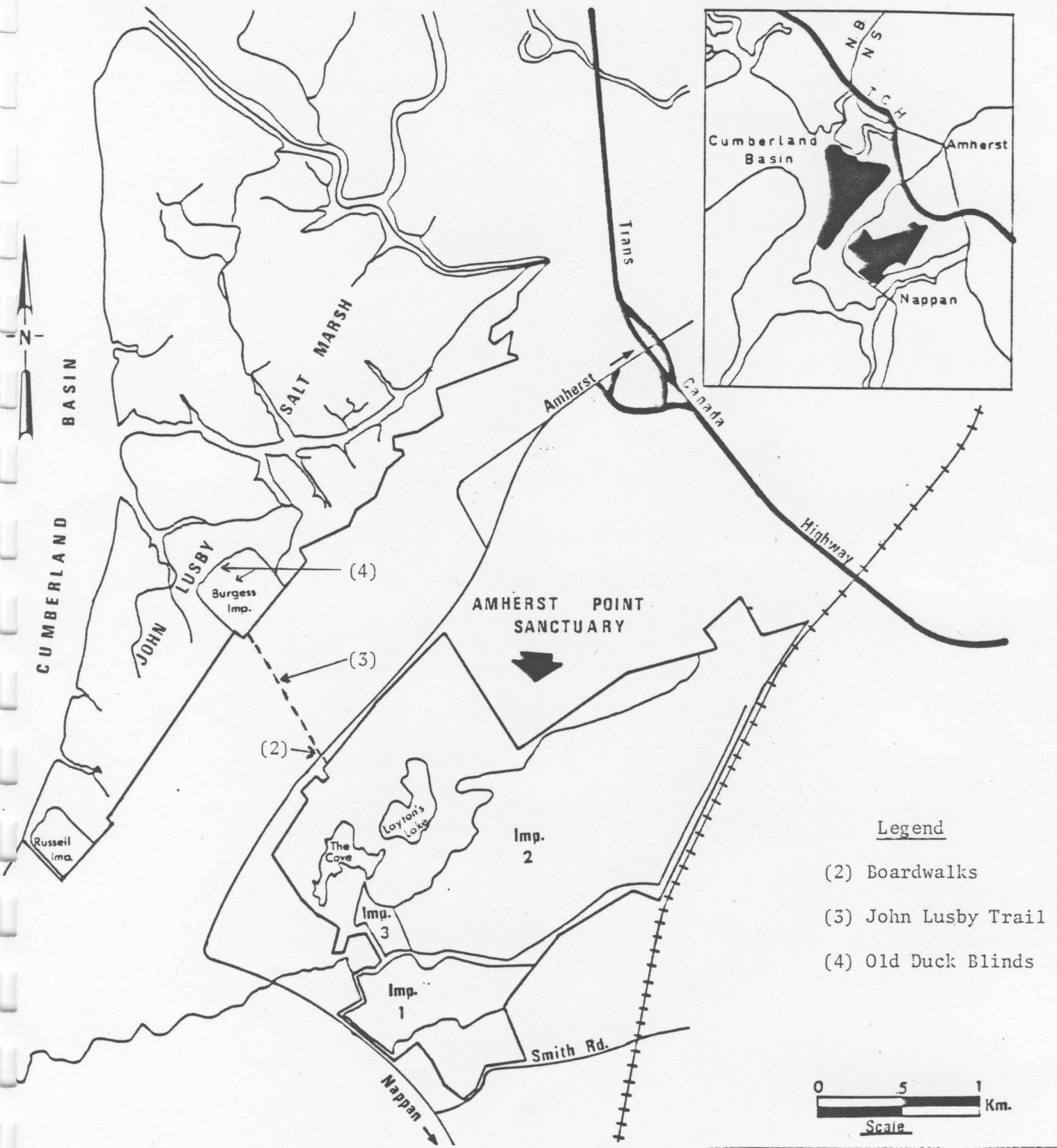


Figure 1. Locations of work accomplishments on the John Lusby Salt Marsh and the Amherst Point Bird Sanctuary.

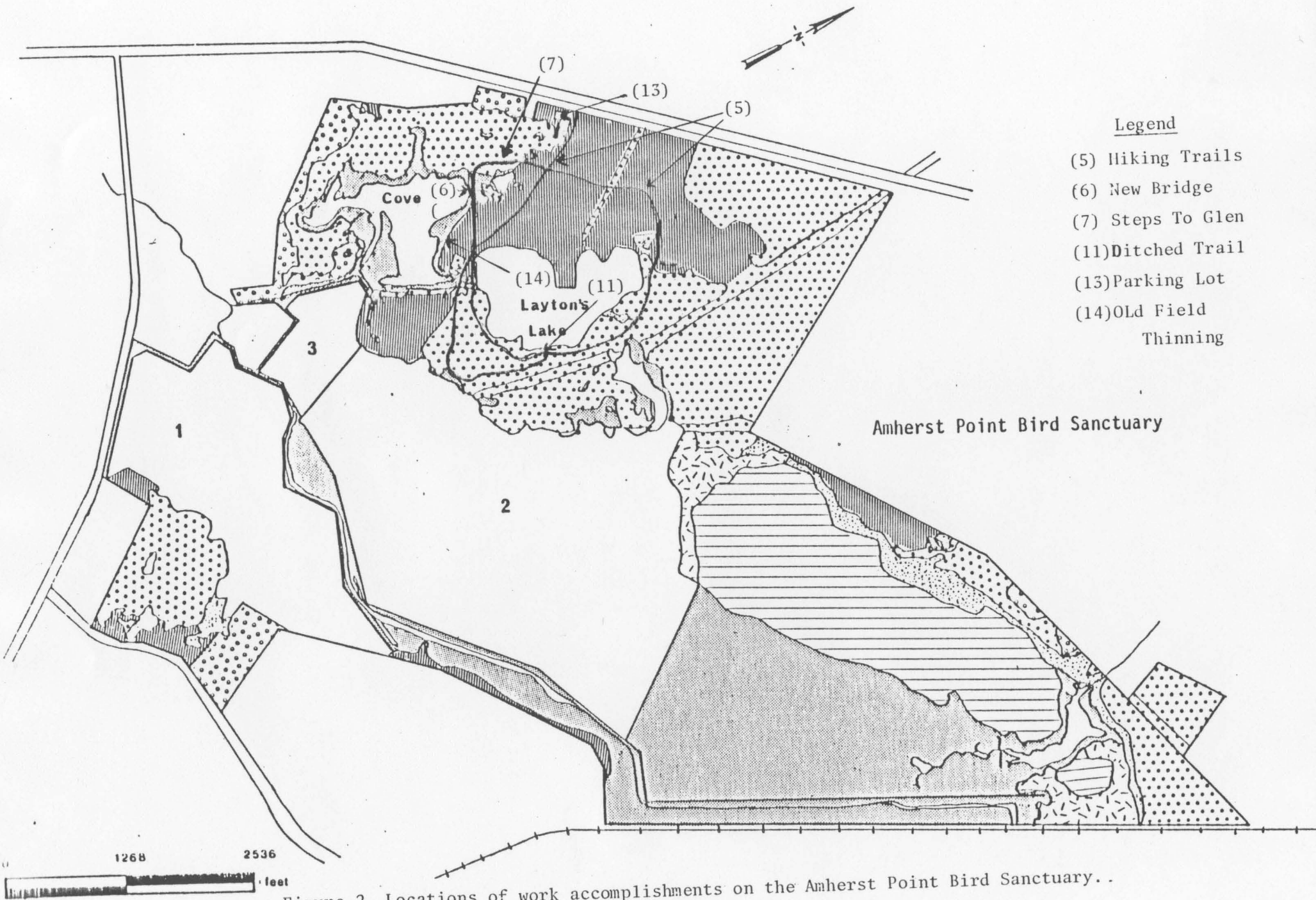
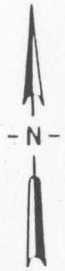
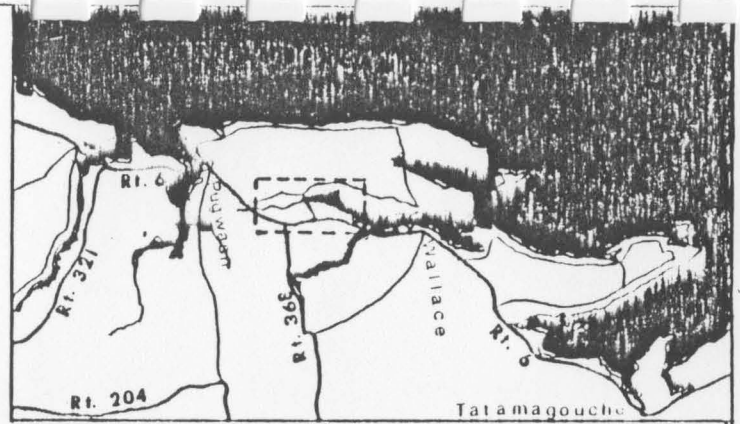


Figure 2. Locations of work accomplishments on the Amherst Point Bird Sanctuary..



Legend

- (1) Wallace Cabin
- (3) Old Sign Locations
- (3a) New Sign Locations



**WALLACE BAY
NATIONAL WILDLIFE AREA**

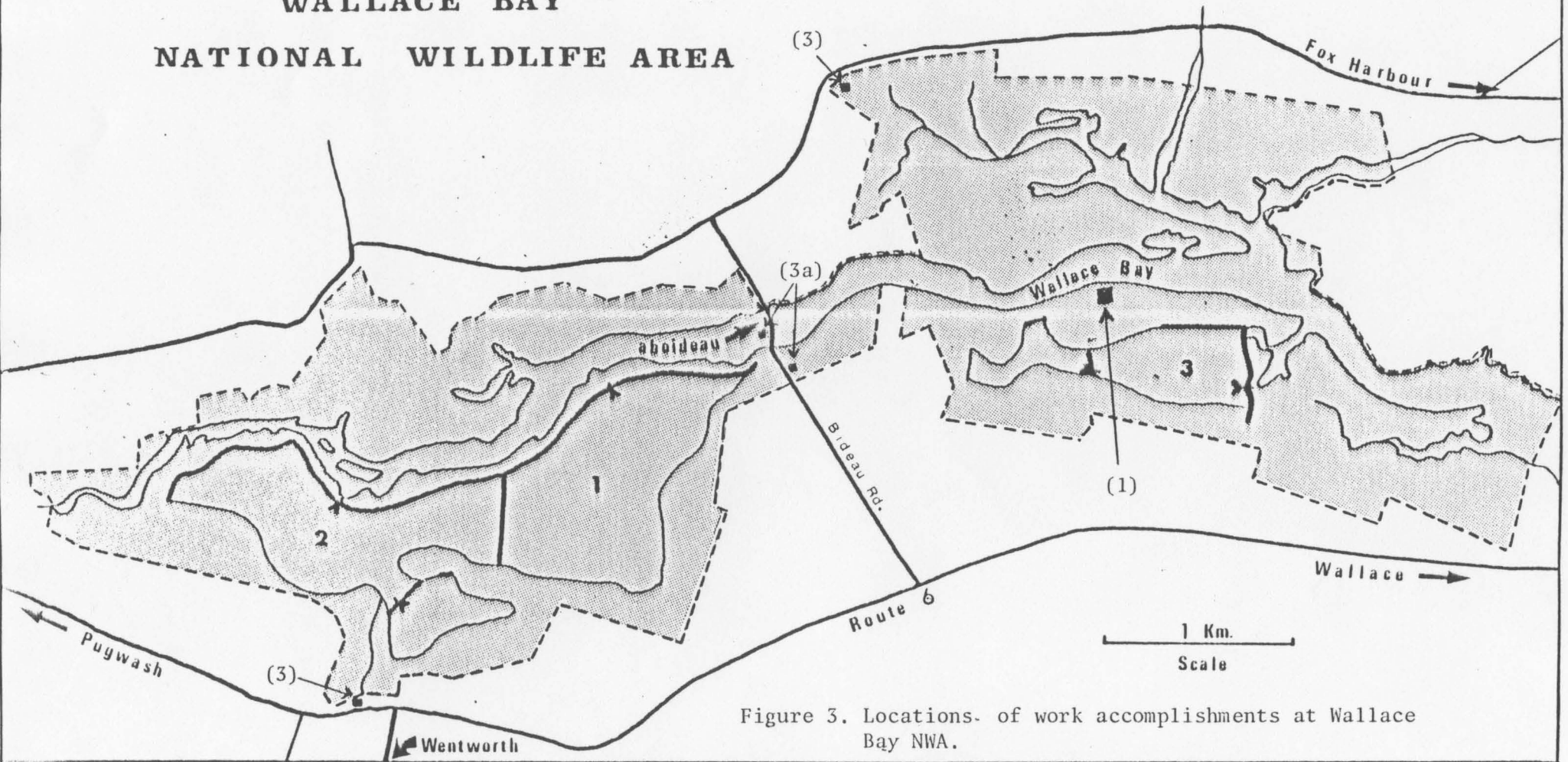


Figure 3. Locations of work accomplishments at Wallace Bay NWA.

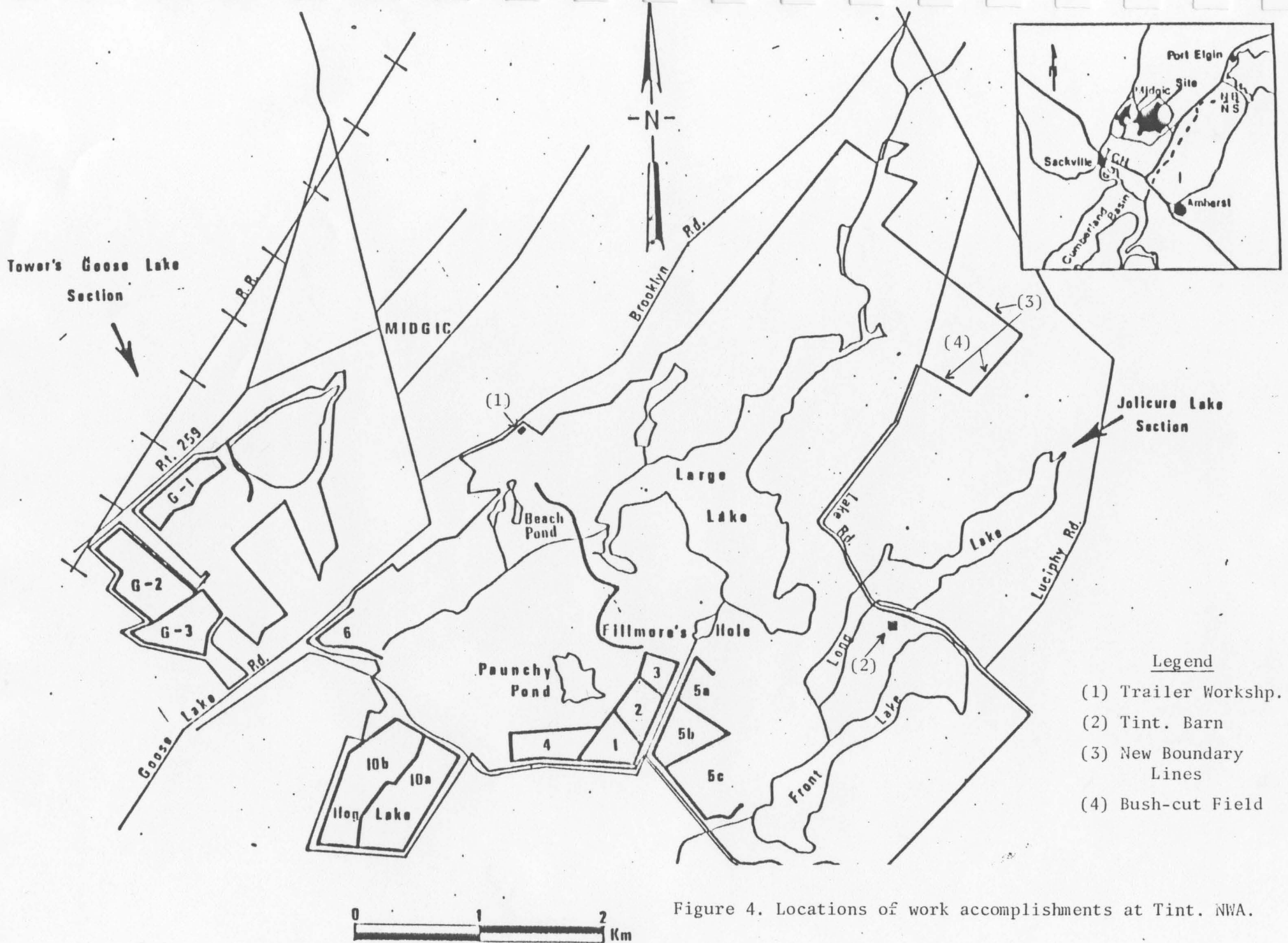


Figure 4. Locations of work accomplishments at Tint. NWA.

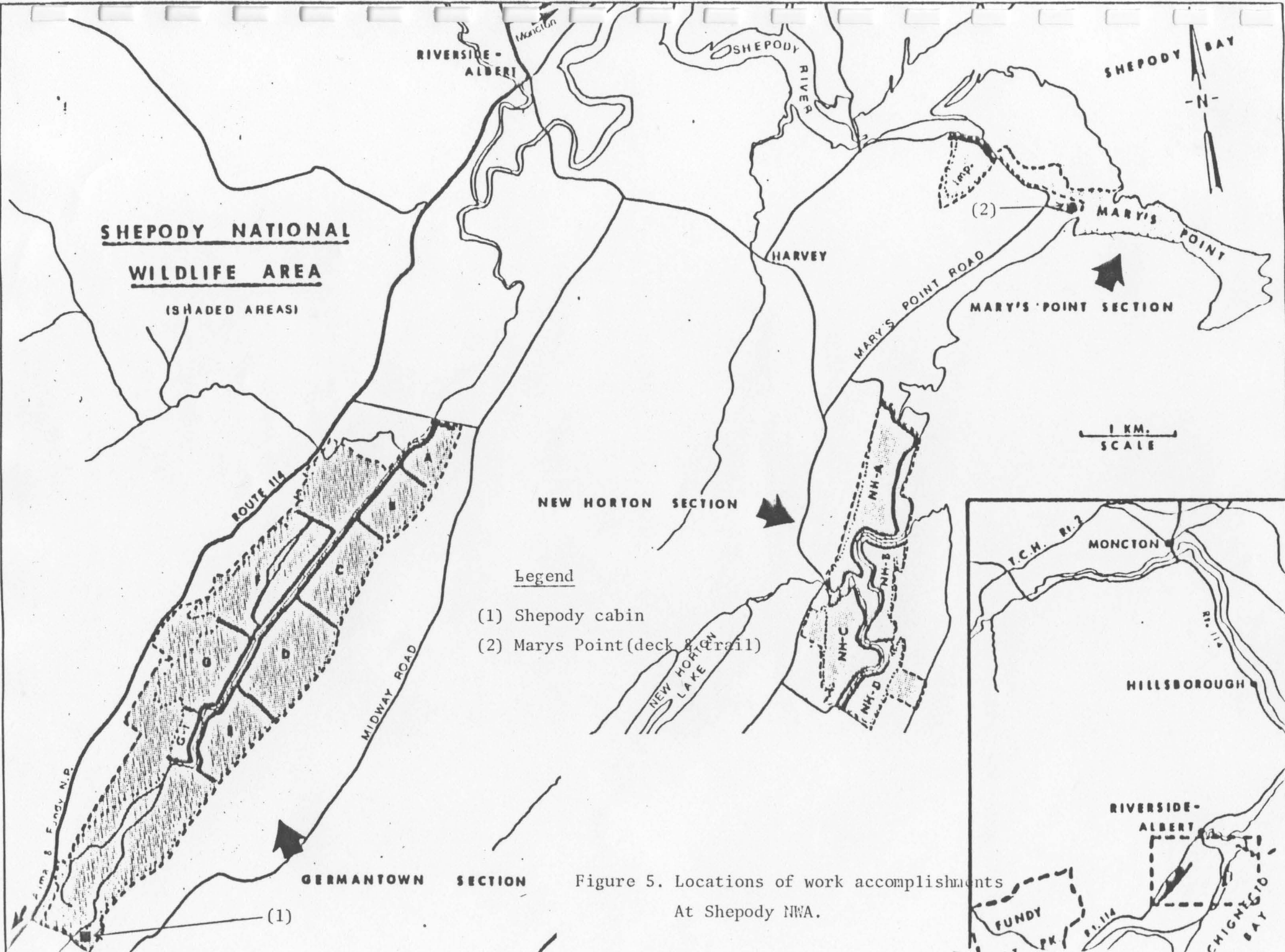


Figure 5. Locations of work accomplishments
At Shepody NWA.

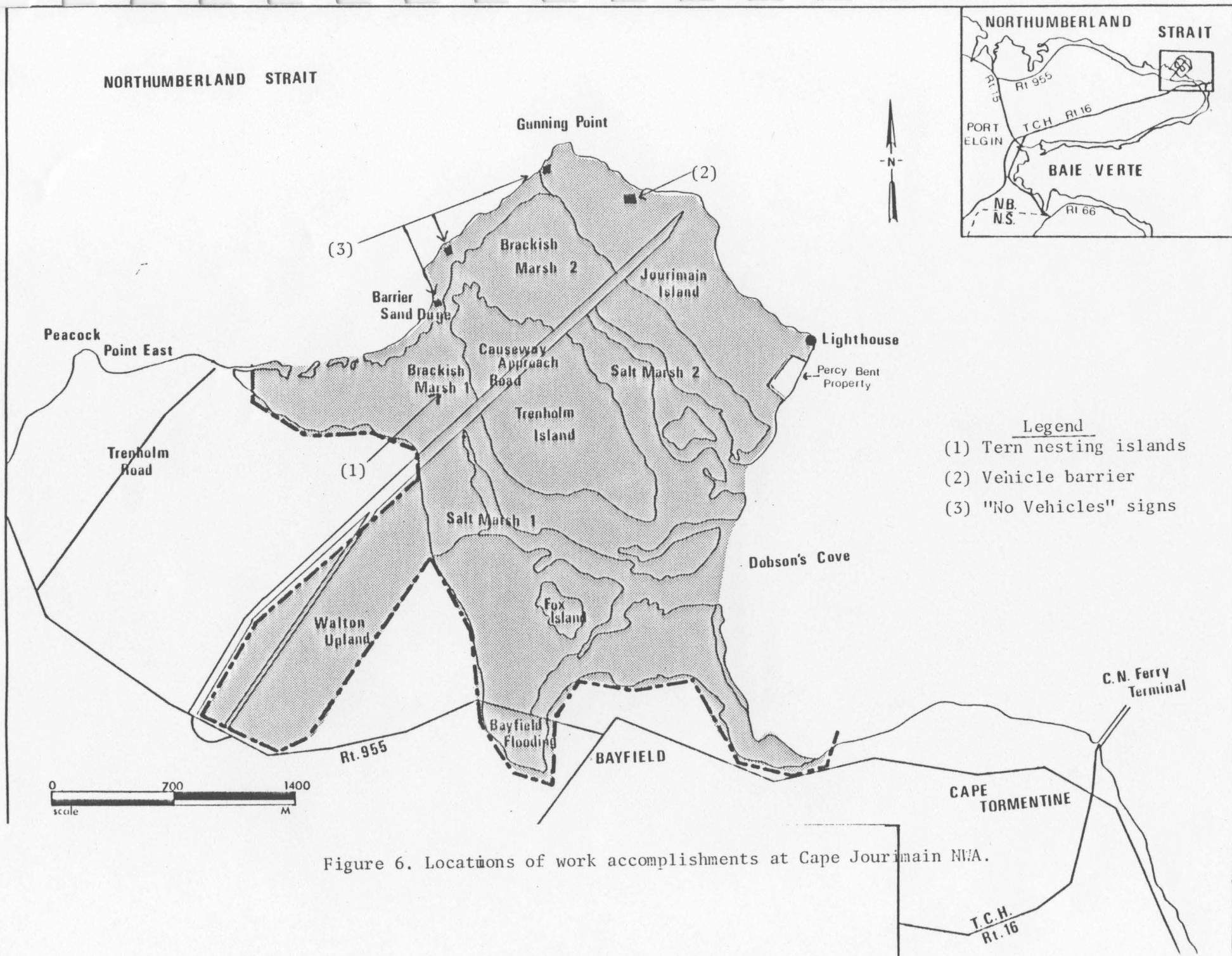


Figure 6. Locations of work accomplishments at Cape Jourimain NWA.

CANADIAN WILDLIFE SERVICE
P. O. BOX 1590
SACKVILLE, N. B.
EOA 3C0

REPORT
QH
545
H839
1985

Hounsell, R G

REPORT

QH
545
H839
1985

Hounsell, R G
Canada works projects Nova Scotia and
New Brunswick 1985: Final Report.

Name

Date