

WINTER/HUNTER USE SURVEY



Project: Fall/Early Winter Recreational Use Survey (\$9,000.00)

Preamble:

Previous public use surveys of the Skagit Valley Recreation Area have concentrated on assessing summer use of the area.

Hunting is a significant form of recreational use in the Skagit Valley Recreation Area. This activity is largely conducted during the fall and early winter. For example, in 1986, 2,520 hunter days of effort are estimated to have occurred in this area, largely in response to deer hunting seasons. Other late season recreational activities in the valley have not been studied in detail.

The demand for deer hunting activity is expected to increase significantly in southwestern B. C. over the next 15 years. Much of this increased demand will be directed toward the Skagit Valley Recreation Area.

Deer management strategies in this area have been very conservative. A more liberal approach to deer management harvest strategies in the area currently being applied, will increase recreational levels on the site. However, it is imperative that recreational and harvest levels on the area be monitored very carefully to measure possible problems associated with changes in strategy.

Shifts in hunter use patterns will undoubtedly occur in response to changes in deer management strategies in the Skagit Valley Recreation Area. It is necessary to monitor the effects of management strategy changes to recreational levels and harvest characteristics in order to gauge the success of these strategies.

Non-hunting fall/early winter recreational activities in the area have not been assessed in any detail.

Project Description:

A report will be prepared to document fall/early winter recreational activities in the Skagit Valley Recreational Area. In addition, the results of the hunting season will be analysed with respect to harvest components, hunter effort and hunter demographics. Recommendations will be provided with respect to proposed hunting management strategies in the area.

Periodic check stations will be established during anticipated peak deer harvest periods to monitor hunters and other recreational users and their activities in the valley. Specifically, hunting activity will be assessed by recording hunter numbers and effort and deer species harvested. In addition, an incisor tooth will be collected for age determination from each deer encountered at the check. Non-hunter use and opinions will be determined by interviewing all other users encountered at the check stations, utilizing a questionnaire form prepared jointly with Parks staff.

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This project will be contracted to the private sector, with project administration being shared jointly by the Ministry of Parks and the Ministry of Environment.

This project is expected to cost \$16,200 (13,000 U.S.). The Skagit Environmental Endowment Commission funding share is \$11,325 (9,000 U.S.); that of the Ministry of Environment is \$4,875 (4,000 U.S.).

Budget:

This project is expected to cost \$13,000 U.S. The Skagit Environmental Commission funding share is \$9,000 U.S. and Ministry of Environment's share is \$4,000 U.S.

SEEC COMPONENT

Personnel

Field:

Staff Title	Man Days	Cost/Man Day	Total Cost
Project Supervisor	17	\$ 225	\$ 3,825
Project Technician	17	200	3,400

Office:

Staff Title	Man Days	Cost/Man Day	Total Cost
Project Supervisor	10	\$ 250	\$ 2,500
			TOTAL \$ 9,725

Sub-Contracts

	Total Cost
Tooth Sectioning 100 teeth @ \$7.00 Ea.	\$ 700

Miscellaneous

	Total Cost
Consumables	\$ 100
Equipment Rental	250
Telephone	50
Stenographic Services and Report Production	500
TOTAL \$ 900	

COMPONENT TOTAL \$ 11,325
(\$ 9,000 U.S.)

MINISTRY OF ENVIRONMENT COMPONENT:

Personnel

Staff	Man Months	Cost/Man Month	Total Cost
Environment	1.5	2,500	\$ <u>3,750</u>
			TOTAL \$ <u>3,750</u>

Miscellaneous

	Total Cost
Transportation	\$ 750
Consumables	250
Stenographic Services and Reproductions, etc.	\$ <u>125</u>
	TOTAL \$ <u>1,125</u>
	COMPONENT TOTAL \$ <u>4,875</u>
	(\$ 4,000 U.S.)
	PROJECT TOTAL \$ <u>16,200</u>
	(\$ 13,000 U.S.)



SKAGIT ENVIRONMENTAL
ENDOWMENT COMMISSION

PROJECT NUMBER _____
(Commission will assign)

4922 Seattle City Light Building
1015 Third Ave.
Seattle Washington
98104
(206) 625-3705

9850 S. McGrath Road
P.O. Box 359
Rosedale, B.C. V0X 1X0
(604) 794-3361

Date _____

PROJECT INFORMATION

PROJECT NAME Winter/Hunter Use Survey

PROJECT DESCRIPTION Winter/Hunter use is not documented. The User Survey
did not sample this user group. This project will complete the previous
user survey by surveying this group.

PROJECT LOCATION Skagit Valley B.C.
 U.S.

PROJECT START September 1989 COMPLETION January 1990

APPLICATION
 Govt. Agency Educational Institution Non-Profit Organization
 Private Firm Individual Other

CONTACT PERSON Ken Lambertsen PHONE 584-8822

ADDRESS 10334 - 152A Street, Surrey, B.C. V3R 7P8

ATTACHMENTS: Map Timeline Environmental Checklist
 Detailed Description Permits

PROPOSED BUDGET:

COMMISSION FUNDS REQUESTED \$ 9,000 U.S.
U.S. or Canadian \$

APPLICANT FUNDS \$ 4,000 U.S.

OTHER FUNDS \$ _____
Source

TOTAL BUDGET \$ 13,000 U.S.

OUTSIDE
BUILDING
MATERIALS

WILL SAND, GRAVEL OR SAWDUST BE BROUGHT INTO THE AREA FROM OUTSIDE THE VALLEY? NOTE THAT THESE MATERIALS CAN BE THE SOURCE OF WEEDS AND INSECTS. HAVE PRECAUTIONS BEEN TAKEN TO GUARD AGAINST THIS?

No

WASTE -
DISPOSAL

WILL THERE BE DOMESTIC SEWAGE DISPOSAL REQUIRED?

No

WHAT TYPE OF SYSTEM IS TO BE USED?

N/A

IF SEPTIC TANK SYSTEM WHAT ARE THE DESIGN VOLUMES EXPECTED?

N/A

LOCATION OF SEPTIC TANK FIELD FROM LAKE RIVER OR STREAM.

N/A

WILL GARBAGE BE COLLECTED? No

HOW WILL THIS BE DISPOSED OF?

N/A

WILL RUNOFF FROM ASPHALT SURFACE GO DIRECTLY TO LAKE, STREAM OR RIVER OR WILL IT GO THROUGH A SAND FILTER FIRST?

N/A

TREES AND
SHRUBS

WILL TREES AND SHRUBS BE DESTROYED TO ACCOMMODATE THIS PROJECT?

No

LIST NUMBER OF TREES AND SPECIES.

N/A

LIST NUMBER OF SHRUBS AND SPECIES.

N/A

SKAGIT ENVIRONMENTAL ENDOWMENT COMMISSION
ENVIRONMENTAL CHECK LIST

THE COMMISSION REQUIRES ASSURANCE THAT ANY PROJECT WITHIN THE WATERSHED OF THE SKAGIT RIVER UPSTREAM FROM THE ROSS DAM WILL NOT HAVE A SIGNIFICANT ADVERSE IMPACT ON THE QUALITY OF THE ENVIRONMENT IN THAT AREA.

PROJECT # _____

PROJECT DESCRIPTION Winter/Hunter Use Survey

LEAD AGENCY Ministry of Environment

CONTACT PERSON Ken Lambertsen TELEPHONE 584-8822

PROJECT TIMING - LIST APPROX. STARTING DATE AND FINISHING DATES FOR THIS PROJECT.

September 1989 to January 1990

OTHER AGENCIES INVOLVED

LIST ANY GOVERNMENTAL APPROVALS OR PERMITS THAT WILL BE NEEDED FOR THIS PROJECT.

Wildlife Branch

HAVE OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION BEEN NOTIFIED AND APPROVAL BEEN OBTAINED?

N/A

LOCATION

SHOW LOCATION OF PROJECT ON OFFICIAL SKAGIT WATERSHED MAP ATTACHED.

GRADES SLOPES EROSION

WILL THERE BE ANY STEEP SLOPES RESULTING FROM THE WORK WHICH COULD ERODE AND CAUSE SLIDES?

No

ARE THE SOIL CONDITIONS IN THE PROJECT SITE STABLE?

N/A

WILL THE PROJECT INTERRUPT DITCHES OR WATER FLOW IN THE AREA?

No

WILL PROJECT REQUIRE NEW LANDSCAPING?

No

WILL TREE & SHRUB STOCK BE BROUGHT IN FROM
OUTSIDE THE VALLEY?

No

POWER LINES -
TELEPHONE

ARE THERE ANY ABOVE GRADE POWER OR TELEPHONE
SERVICES REQUIRED?

No

NOISE

WILL THERE BE ANY GASOLINE OR DIESEL GENERATORS
USED IN THE PERMANENT PROJECT?

No

WILL THE PROJECT GENERATE ANY OTHER TYPE OF
NOISE?

No

WILL GENERATOR RUN DURING THE NIGHT?

No

FUEL STORAGE

HOW WILL GASOLINE OR DIESEL FUEL BE STORED?

N/A

TOXIC
CHEMICALS

WILL ANY TOXIC CHEMICAL SPRAYS OR SOLIDS BE USED
IN THE PROJECT FOR WEED CONTROL, PEST CONTROL
ETC.?

No

EXPLOSIVES

WILL THERE BE ANY EXPLOSIVES REQUIRED FOR THE
WORK ON THE PROJECT?

No

FIRES

WILL BURNING BE REQUIRED?

No

WHAT PRECAUTIONS HAVE BEEN MADE TO ENSURE FIRE CONTROL?

N/A

WILDLIFE

WILL THE PROJECT HAVE AN ADVERSE EFFECT ON BIRDS, ANIMALS OR FISH STOCK?

No

DEMOLITION

WILL THE PROJECT REQUIRE DEMOLITION OF ANY EXISTING STRUCTURE OR WORK OF AN HISTORICAL NATURE?

No

ROADS, TRAILS

WILL THE PROJECT REQUIRE RELOCATION OF ANY ROADS AND TRAILS IN THE AREA?

No

WILL THERE BE HEAVY USE OF THE ROADS DURING CONSTRUCTION?

No

MINERAL CLAIMS

WILL THE WORK AFFECT ANY MINERAL CLAIMS IN THE AREA?

No

TIMBER

WILL THE WORK AFFECT ANY TIMBER CLAIMS IN THE AREA?

No

WATER
SERVICE

WILL THE PROJECT HAVE A PERMANENT WATER
SUPPLY?
DESCRIBE THE SYSTEM.

No

DOES THE WATER HAVE PURITY CONTROL? N/A

WORK OVER
RIVER

DOES THE PROJECT REQUIRE WORK OVER OR NEAR
RIVERS, STREAMS, WETLANDS OR OTHER SURFACE WATER
FEATURES.

No

WHAT PRECAUTIONS HAVE BEEN TAKEN TO ENSURE THAT
MATERIALS ARE NOT DROPPED INTO THE RIVER WHETHER
BUILDING MATERIAL, TREES, MUD SAND ETC.?

N/A

DOES THIS PROJECT TAKE PLACE IN SPAWNING SEASON?

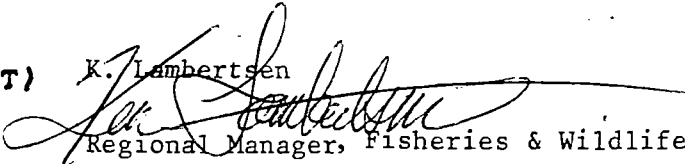
No

GENERAL

ARE THERE ANY OTHER LIKELY ENVIRONMENTAL
CONSEQUENCES OF THIS PROJECT WHICH ARE NOT
SPECIFICALLY REFERRED TO ABOVE? IF SO, PLEASE
EXPLAIN.

No

THE ABOVE ANSWERS ARE TRUE AND COMPLETE TO THE
BEST OF MY KNOWLEDGE.

NAME (PRINT)	K. Lambertsen
SIGNATURE	
TITLE	Regional Manager, Fisheries & Wildlife Mgmt.
AGENCY	Ministry of Environment
DATE	August 3, 1989