

**Freshwater Bay Alexander Bay  
Ecosystem Association**

**Date:** December 12, 1996

**Location:** R.E. Stroud Building

**Time:** 7:30 PM

**Purpose of meeting** - To commence preliminary planning for management options related to conservation concerns for 1997.

**Present were:**

Fred Holloway, Chairman FABEA  
Peter Deering, TNNP  
Berkley Slade, Regional Advisor, Recreational Fisheries  
Rex Porter, Fisheries Biologist  
Derek Stewart, Recreational Fisheries Dev. Officer Prov.  
David Vardy, Recreational Fisheries Dev. Officer Grama  
Austin Stewart, Treasurer, FEBEA  
Gordon Stewart, Secretary, "  
John Baird, Member, "  
Edward Stewart, Member, "  
Arthur Wells, Member, "  
Edmund Genge, Member, "  
Philip Riggs, Member, "  
Roger Brooking, Member, "  
Stephen Brooking, Member, "  
Keith Pelley, DFO Fisheries Officer  
Mr. Greening, Member, FABEA

After reviewing the data contained in the Alexander Bay Terra Nova Salmon Enhancement reports two members prepared presentations for membership information.

John Baird presented a graph which described:

- (1) salmon escapement above the lower and upper fishway from 1955-1995,
- (2) dates when Lower, Upper and Mollyguaheck fishways were constructed to allow salmon to reach the available rearing habitat in the upper reaches of the river,
- (3) the era of colonization by natural straying, 1954-1985,
- (4) the period of colonization by adult transfers from the upper fishway to rearing habitat above Mollyguaheck Falls, 1985-1992,
- (5) the commencement of colonization by fish incubation; 1993 - 59,552 eggs incubated in St. John's - seeding above Mollyguaheck Falls. Construction started on a new Incubation Facility at Terra Nova. 1994-1996, 400,000 - 450,000 eggs incubated per year; over 90% survival from eggs to fry stage; fry released above Mollyguaheck Falls.

Austin Stewart presented a series of graphs which described:

- (i) a comparison of the salmon caught with escapement
- (ii) a comparison of rod days with the total fish caught
- (iii) recreational fishery efficiency
- (iv) prediction of lower fishway counts, 1965-2012
- (v) lower and upper fishway counts, 1953-1995
- (vi) % of salmon size of total counts lower & upper fishways, 1953-1995
- (vii) Fish caught and upper fishway count, 1953-1995

Rex Porter indicated:

- (i) That he was not prepared, at this point, to offer detailed scientific data on the Terra Nova River. After he has time to retrieve such data he would attend a meeting where we could share the data and determine conservation management objectives which could be reasonably achieved.
- (ii) The process involved in stock development includes:
  - determining the potential salmon population of the river system
  - assessing the seeding requirements to achieve the potential
    - (a) from the incubation
    - (b) from natural straying
  - assessing the number of fish required to produce the seeding
  - set a time period (goal) to achieve the maximum salmon population
  - develop management strategies to allow this goal to be reached.
  - late January he would present us with information which could then be used in public meetings which he would attend
  - the Association would then formulate it's conservation management objectives
  - these objectives would consequently be approved at a public meeting and adopted by DFO if appropriate.

Rex then reviewed tables (1974-1995) giving salmon counts and other relevant data from counting fences and ladders of Newfoundland and Labrador rivers.

Berkley Slade - indicated that he will work with our Association towards a Management plan after the science information has been relayed to the public and we have publicly approved our objectives.

- We could manage Guardian Control by contacting Leo Strowbridge at 772-4494.