

**SUMMARY REPORT:
Implementation of the Action Plan (June 13, 2007)
Additional Storage Sites Study – Phase 1-1
December 13, 2007**

Introduction

On October 25, 2007 the Multi-Stakeholder Advisory Committee (MSAC) of the Nicola Water Use Management Plan (WUMP) met to begin implementation of the action items arising from an MSAC meeting held June 13, 2007. The action items related to a report¹ which provided a shortlist consisting of 121 water bodies considered to have potential for additional water storage in the Nicola Watershed. These 121 water bodies were selected from an original list containing 345.

Action Plan Items

In brief, the June 2007 action plan set out to ensure that the 121 identified water bodies would undergo a referral process by the following agencies:

- a) Department of Fisheries & Oceans (to review and comment on sensitive areas and any fish concerns);
- b) Ministry of Environment (to review and comment on species/wildlife sensitive areas, as well as map out the legislative/regulation path for any new dam); and
- c) Ducks Unlimited (to review and add any existing file information).

In addition, the action plan sought to obtain local knowledge (including existing dams) pertaining to each water body, by contacting First Nations Bands and community members.

Objective of the Action Plan

The outcome of the implementation of the action items was to facilitate a further reduction in the number of water bodies being considered for additional water storage.

Process & Accomplishments

On October 22, 2007 the project manager² for the Nicola WUMP studies obtained the services of a consultant³ to help facilitate the completion of the action plan by December 31, 2007. At a meeting⁴ on October 25, 2007 tasks were assigned to MSAC members and the consultant to begin the implementation of action items. On November 20, 2007 MSAC members and the consultant reviewed referral information obtained up to November 16, 2007. An extension for the referral by the Ministry of Environment and Ducks Unlimited was provided up to November 30, 2007. The following provides a summary record of the information obtained by the consultant and MSAC members as of November 30, 2007.

A new short list, Potential Storage Sites W/ Comments (Tab 1), summarizes the 78 water bodies remaining after the MSAC reviewed the referral information that was collected by November 16, 2007. It also contains a complete list of the eliminated water bodies (from the original list in the report in footnote 1).

A summary of referral comments and reasons for elimination by the MSAC of the 121 additional storage sites (Appendix AA contained in Tab 2).

Additional information provided by the referral agencies, First Nations or other community members which are of a general nature or pertain to other related facts (Tab 3).

A brief outline, of the regulatory path required by the Ministry of Environment for developing a dam (Tab 4).

¹ *Nicola Water Use Management Plan Additional Storage Phase 1*, prepared by K.G. Gizikoff, M. Sc., P. Ag., July 2007.

² Elizabeth Salomon-de-Friedberg.

³ Ingrid Davis, RPF, Ecosystems Management Ltd.

⁴ October 25, 2007 Meeting Minutes available from Elizabeth Salomon-de-Friedberg, Nicola WUMP project manager.

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MSAC Criteria for Elimination

The *Nicola WUMP Additional Storage Phase 1* report utilized the following elimination criteria to provide the initial 121 potential water storage sites:

- a) lakes were to be > 5 hectares and swamps were to be > 20 hectares. These criteria produced a list of 345 lakes and swamps;
- b) storage capability of 50 acre feet (AF), and water supply or catchment area to reservoir area ratio of 20:1. Applying these criteria to the 345 sites resulted in 121 lakes and swamps.

To meet the objective of the action plan, the MSAC agreed on additional elimination criteria as listed in the table below and applied them to the 121 water bodies.

Elimination Criteria	Reason for elimination
#1	Negative impact of increased storage on developed (e.g., agriculture, buildings) private land
#2	CRSFS ⁵ Study indicates water body as Low Priority for additional storage
#3	Existing values considered to be high (e.g., Community, First Nations)
#4	Not suitable for various reasons: <ul style="list-style-type: none"> a) environmental (e.g., Conservation Data Centre site) b) recreational c) no water, no drainage d) considered to be developed to full water storage potential
#5	Provincial Park
#6	Ducks Unlimited completed project considered to have precedence

Implementation of these criteria resulted in a short list containing 78 water bodies.

Recommendations

Information obtained from the Ministry of Environment and Ducks Unlimited after the November 20, 2007 MSAC meeting is contained in the Potential Storage Sites W/Comments list (Tab 1) and the Appendix AA (Tab 2). It is recommended that the MSAC review the comments pertaining to the following water bodies to assess their potential for elimination by utilizing the suggested criteria.

Sub - Basin	L (Lake) S (Swamp)	Code	Name	Criteria for Elimination
Coldwater River	S	8		#3 – Not suitable for environmental reasons
Guichon Creek	L	26	Paska Lake	#3 – Not suitable for recreational reasons
Guichon Creek	L	129	Wyse Lake	#3 – Not suitable for recreational reasons
Quilchena Creek	L	60	Wasley Lake	#6 – Ducks Unlimited completed project considered to have precedence.
Spius Creek	S	32		#3– Not suitable for environmental reasons
Upper Nicola	L	59	No Name 2 (Marsh Meadow)	#3– Not suitable for environmental reasons

Submitted by
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⁵ *Coldwater River Storage Feasibility Study*, prepared by Summit Environmental Consultants Ltd., Project 511-01.01, December 2002.