

**Finnie, John**

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**From:** Finnie, John  
**Sent:** Thursday, October 13, 2011 1:21 PM  
**To:** Finnie, John  
**Subject:** FW: Trevor Wicks Presentation

From: M. Razberry <mailto:micbery@gmail.com>  
 Subject: Parksville Water Documentary

Hello Arrowsmith Watersheds Coalition Society.

With a municipal election on the cusp and millions of dollars allocated to upgrade portions of Parksvilles' water system, several questions remain unanswered by council as to the viability for these allocated funds. The hope is to bring a transparent perspective of this communities water source along with councils' intended upgrades, along with possible solutions, all for the intent that local residents will have a clear picture to the future of Parksville's water supply. Attendance is anticipate to be well received and attached is your invitation to attend this independent presentation to the future of Parksville water.

Trevor Wicks will present his viewpoint through a power point which will enlighten all with his many years of involvement in local water concerns. Micheal Razberry will be filming portions of the presentation with a focus on local response through a Q.A. period afterwards. Along with video captured at this presentation, footage of Parksville watershed and Arrowsmith watershed will be added, as well as council feedback to create a documentary that will be aired through MIdIsland TV - on the Shaw Cable network in the mid Vancouver Island.

This presentation is free to the public although donations at the door are accepted. Sponsorship for the documentary are still needed and ask individuals and businesses to come aboard. In exchange for your donation, your name, or business name, and or business logo will be added to the credits at the end of the documentary.

To discuss in greater detail your contribution as a sponsor for this documentary, please feel free to contact me at your convenience. Hope to see you their and feel free to bring a friend!

Micheal

**Tuesday, October 25th**

**7:00 pm**

**Water Presentation**

**Trevor Wicks will be giving an independent presentation about options for supplying water**

**in the Oceanside area**

**Parksville Community Centre**

**for more information**

**<http://www.innovationbc.com/files/Download/awsoptions.pdf>**



Fisheries  
and Oceans

Pêches  
et Océans

Pacific Region  
Alain (Al) Magnan, R.P.Bio., CPESC  
Ecosystem Management Branch  
3225 Stephenson Point Road  
Nanaimo, BC V9T 1K3

September 7, 2011

Mike Squire  
AWS Program Manager  
City of Parksville  
PO Box 1390  
Parksville, BC  
V9T 2H3

Dear Mr. Squire:

**Subject: Fisheries and Oceans Canada Comments on Proposed Relocation of the Englishman River Water Intake**

Further to our May 26, 2011 meeting in Parksville, the following provides Fisheries and Oceans Canada, Habitat Management Branch's (DFO) preliminary comments on the proposed relocation of the Englishman River drinking water intake.

The Arrowsmith Water Service (AWS) is proposing on moving the Englishman River drinking water intake from its current location near Turner Road, to one of three other locations. Based on our discussions during the May 26 meeting, it appears as though Site 1, located approximately 2.6 km upstream of the existing intake location (4.4 km upstream of the mouth) is the preferred option for AWS.

As discussed, during the May meeting, DFO is concerned with the potential impacts associated with moving the existing intake upstream 2.6 km from its current location. The reduction of flows over a 2.6 km reach of the Englishman River has the potential of impacting on downstream salmonid rearing, spawning and incubation habitat, and could create upstream migration delays.

As requested by the AWS, DFO reviewed the May 2010 Environmental Assessment of Alternative Water Intake Sites in Englishman River, prepared by LGL Limited Environmental Research Associates. DFO concurs with the general conclusions of the LGL Limited report (Page 32) which states that impacts to fish and fish habitat increase the further upstream the intake is located. Consequently, Site 5 in the report, located downstream of the existing intake (1.8 km upstream of the mouth), has been identified as the "most favourable site from a fish habitat perspective". Based on the information provided to date, DFO supports either maintaining the existing intake location, or use of the Site 5 location.

The LGL Limited report identifies Site 1 as having the greatest potential of impacting fish and fish habitat. However, the report does not provide any instream flow information to assist in quantifying or qualifying potential impacts to fish and fish habitat associated within this change in intake location. Should AWS continue to explore the

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option of using Site 1, DFO would require the collection and submission of detailed instream flow information in support of this request.

Instream flow information would be required to establish a baseline of the existing flow requirements for salmonid species in the affected reach of the Englishman River. In addition, the studies would assist in identifying potential impacts associated with flow extraction and identifying minimum flow requirements within the 2.6 km of the Englishman River upstream of the existing intake.

In order to determine the potential impacts of flow extraction in the Englishman River, AWS is requested to undertake a detailed instream flow study of the potentially impacted reach of the river. The instream flow study should at a minimum include:

- Collection of site specific hydrology information to model the relationship between habitat and flow over a range of flows.
- An assessment of flow requirements at potential migration barriers.
- Assessment of spawning, incubation and rearing flow requirements for impacted fish species.
- Determine wetted useable area and quantify potential losses based on the proposed flow extraction.
- Identify side channel connectivity issues.
- Site specific assessment of sensitive instream habitats including potential shallow bench habitats, side channels, tributaries, etc.

Should the results of the instream flow study identify potential impacts to fish and fish habitat, AWS would then require to submit an application to DFO for issuance of a S. 35 *Fisheries Act* Authorization. Please note that issuance of a *Fisheries Act* Authorization would also trigger a review under the *Canadian Environmental Assessment Act* (CEAA).

Conversely, should the AWS choose Site 5 (downstream of existing intake location) as the proposed extraction point, or maintain the existing water intake location, DFO would not require completion of any additional instream flow studies. This would be contingent on the AWS meeting its existing minimum flow requirement of 1.6 cms from June 1 to October 31 at the Parksville hydrometric gauge.

Should you have any questions regarding the contents of this letter, please feel free to call me at 250-756-7021.

Sincerely yours,



Alain (Al) Magnan, R.P.Bio., CPESC  
Project Assessment Biologist

Cc Margaret Wright, DFO (e-mail)  
Mike McCulloch, MFLNRO (e-mail)  
John Baldwin, Water Stewardship (e-mail)