From:	Bob McClure
To:	ECY RE Aquatic Permit Comments
Subject:	RE: Aquatic Invasive Species Management General Permit
Date:	Tuesday, September 28, 2010 10:45:47 AM
Attachments:	Integrating Acoustic Mapping into Operational Aquatic Plant Management _ a case study in Wisconsin.pdf BioSonics Capabilities.pdf

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Dear Washington State Department of Ecology,

I have reviewed the draft permit and would like to call your attention to the apparent lack of a habitat / invasive pre-application survey of species distribution in the water body in question. Simply put, there should be a requirement to map and quantify the distribution and abundance of the invasive species (not just a treatment map) as a part of the application for the permit. Further, treatment follow-up monitoring can be achieved using the same methods. Examples for this type of assessment can be found several places (see below), and is outlined (for SAV) in the attached document. Similar survey, quantification, and assessment can be accomplished for algae, fish, and other aquatic species (see BioSonics Capabilities , attached).

If you have questions, please do not hesitate to get in contact with me.

Thank You,
Bob

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LINKS:

Remetrix: Aquatic Vegetation Monitoring and Mapping

Assessment in two shallow lakes of a hydroacoustic system for surveying aquatic macrophytes

An update on the biological monitoring of the Lake Trafford Restoration Project, Collier County, Florida: A case for monitoring during restoration

Accuracy and Precision of Hydroacoustic Estimates of SAV...