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Mr. Scott Schlueter
U.S. Fish and Wildlife Service
3817 Luker Road
Cortland, NY 13045

Dear Mr. Schlueter,

Enclosed is the second and final report for *Beneath the St. Lawrence River: Invasive Species and Historic Shipwrecks* project. Please feel free to contact me with any questions or for more information.

Best regards,
Christine Bird

INTRODUCTION

Beneath the St. Lawrence River: Invasive Species and Historic Shipwrecks

Oceanic Research Group has filmed two separate 10-15 minute segments for season 4 of *Jonathan Bird’s Blue World* that focus upon the underwater environment of the St. Lawrence River. They provide environmental education about this region through national public television and online distribution to the general public and educators.

As is standard for all *Blue World* segments, accompanying educational resources will be posted on the blueworldTV.com website as well as included in the *Jonathan Bird’s Blue World* NSDL and PBS LearningMedia collections.

METHODS

- **Invasive Species** – This segment focuses on the issues surrounding invasive species in the St. Lawrence River, including the Zebra mussel and Round Goby. The segment includes information on how these invasive species have affected the food web and other species in the St Lawrence region, how they were introduced and the significance of invasive species in general. The segment also looks at Lionfish in the Caribbean as another example of marine invasive species.
- **Historic Shipwrecks** – This segment focuses on shipwrecks of historical value in the Thousand Island region of the St. Lawrence River, why it is important to protect shipwrecks of historical value, and what can be learned about the past by studying shipwrecks. In the 19th century, the St Lawrence River was a crucial means of transportation of goods and people between the Great Lakes region and the Atlantic Ocean. Today these shipwrecks comprise an underwater museum that shows the important role that the St. Lawrence River played in the lives of the people and in the development of the surrounding communities.

RESULTS (if applicable)

Filming and post-production for *Beneath the St. Lawrence River: Invasive Species and Historic Shipwrecks* are complete.

During the September filming, the images for this project were obtained. The St. Lawrence River Research and Education Fund will be able to link to these video segments on the Blue World website or on YouTube, and use at least 5 photographs on its website. Acknowledgement of the support of the St. Lawrence River Research and Education Fund would be listed in the credits for these segments as well.

Schedule:

The public television release of Season 4 of *Jonathan Bird's Blue World* will be in February 2014. Webisodes from the season are released monthly, in order to provide new and regular content to the website and YouTube channel.