

**From:** Aschenbach, Ernie (DGIF) <Ernie.Aschenbach@dgif.virginia.gov>  
**Sent:** Monday, January 23, 2012 9:08 AM  
**To:** Lee Harvey <leeharvey@pol.net>  
**Cc:** ProjectReview (DGIF) <ProjectReview@dgif.virginia.gov>; Weaver, Alan (DGIF) <Alan.Weaver@dgif.virginia.gov>; Reeser, Steve (DGIF) <Steve.Reeser@dgif.virginia.gov>; Mawyer, Brad (DGIF) <Brad.Mawyer@dgif.virginia.gov>  
**Subject:** RE: ESSLog 32014; Burnshire Dam Hydro Project; rehabilitation of existing facility to resume hydroelectric power generation NF Shenandoah River near 480 N. Pifer Road Star Tannery, Virginia (FERC P-3287; existing FERC < 5 MW exemption)

Our existing comments remain valid. Thank you.

Ernie Aschenbach  
Environmental Services Biologist  
Virginia Dept. of Game and Inland Fisheries  
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**From:** Lee Harvey [<mailto:leeharvey@pol.net>]  
**Sent:** Friday, January 20, 2012 3:53 PM  
**To:** Aschenbach, Ernie (DGIF)  
**Subject:** RE: ESSLog 32014; Burnshire Dam Hydro Project; rehabilitation of existing facility to resume hydroelectric power generation NF Shenandoah River near 480 N. Pifer Road Star Tannery, Virginia (FERC P-3287; existing FERC < 5 MW exemption)

Mr. Aschenbach,

First let me apologize for any added work my request may pose.

We did not receive grant funding to purchase the siphon turbines we wanted to install. The siphon turbines would have been a nice demonstration project but I guess at least one grant reviewer at the Dept. of Energy did not share our vision.

This leaves us the only option to restore and use the current turbines. Does your recommendation below require any modification and can we continue our restoration with DGIF support? No other changes to water usage, passage, flow or any other dynamic conditions will take place using either siphon or restoration of the existing turbines.

We will comply with all of the recommendations you make below.

Lee Harvey  
Burnshire HydroElectric LLC  
480 N Pifer Road  
Star Tannery, VA 22654  
(540) 465-1965

**From:** Aschenbach, Ernie (DGIF) [<mailto:Ernie.Aschenbach@dgif.virginia.gov>]

**Sent:** Friday, August 26, 2011 3:34 PM

**To:** [leeharvey@pol.net](mailto:leeharvey@pol.net); [burnshirehydro@gmail.com](mailto:burnshirehydro@gmail.com)

**Cc:** ProjectReview (DGIF); Weaver, Alan (DGIF); Reeser, Steve (DGIF); Mawyer, Brad (DGIF)

**Subject:** ESSLog 32014; Burnshire Dam Hydro Project; rehabilitation of existing facility to resume hydroelectric power generation NF Shenandoah River near 480 N. Pifer Road Star Tannery, Virginia (FERC P-3287; existing FERC < 5 MW exemption)

We have reviewed the above-referenced project. According to the information provided, the existing site will be rehabilitated by replacing the existing hydro-turbine generators with two new siphon type turbines and generators.

We support the proposed rehabilitation and retrofit of the existing Burnshire Mill Dam hydroelectric facility to resume generation of hydroelectric power. We recommend and support resuming hydroelectric power generation as a "run of the river" facility. We recommend contacting Alan Weaver, DGIF Fish Passage Coordinator (telephone (804) 367-6795) and the USFWS regarding the creation of fish passage for upstream eel passage, if practicable. We recommend not directing water through the turbines for the purpose of hydroelectric power generation during the nightly out-migration of adult American eels from September through December of any given year. We recommend posting safety signage warning boaters of a potential navigational hazard and provide a means of safe portage around the dam for boaters and anglers. We also recommend contacting Brad Mawyer, DGIF Region IV Boating Access Manager (telephone (540) 480-9904) for guidance regarding boating safety and portage access.

Thank you for the opportunity to review this project and provide guidance recommendations. Please call if you have questions.

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