

APPENDIX C-3
ABBREVIATED TIMELINE OF DOWNSTREAM FISH PASSAGE CORRESPONDENCE
AT THE GILMAN DAM
DTD FEB 5, 2007 – APRIL 8, 2012

Gilman Fish Passage History

**February 5, 2007 – State of Vermont Department of Environmental Conservation
Jeffrey R. Cueto, P.E.**

Condition C of the July 28, 1989, water quality certification issued by the Vermont Department of Environmental Conservation under 33 U.S.C. §3141 for the Gilman Hydroelectric Project contains a provision for instituting downstream fish passage upon a request by the U.S. Fish and Wildlife Service and the Vermont Department of Fish and Wildlife. On January 31, 2007 the Fish and Wildlife Service made such a request. The Vermont Department of Fish and Wildlife concurred with the January 31 request by Fish and Wildlife. On January 5, 2007 the Department of Environmental Conservation formally requested on behalf of the Vermont Agency of Natural Resources, which includes the Vermont Department of Fish and Wildlife, that Dalton Hydro, LLC move forward with the design and construction of downstream passage facilities under the provision of the water quality certification.

Functional facilities are to be in place and operational for spring outmigration of Atlantic salmon in 2008. Per the certification, the design plans and operational schedule are subject to approval by both the Fish and Wildlife Service and the Vermont Department of Fish and Wildlife and must be filed with the Vermont Department of Environmental Conservation for record, along with approval letters, before the start of construction.

**February 28, 2007 – Federal Energy Regulatory Commission
George H. Taylor, Chief, Biological Resources Branch, Division of
Hydropower Administration**

Pursuant to paragraphs 12.4, 12.11, and 12.40 of the Commission's regulations, a plans and specifications package and a quality control plan must be submitted to the Regional Engineer prior to construction of the downstream fish passage facilities.

January 31, 2008 – Federal Energy Regulatory Commission

Letter indicating that Dalton Hydro would likely be unable to provide downstream passage for out migrating salmon within the year required by the February 2007 letter and a request for explanation

March 20, 2008 – horizons engineering PLC

Request for one year extension due to discovery of the dwarf wedgemussel in the project vicinity while acquiring permits needed for fish passage construction. May 2008 was the earliest an underwater survey could be performed. It was anticipated that a one year extension would allow the necessary timeline for environmental surveys, design submittal and agency review, and permit application. A timeline was included for design and construction subject to the discovery of the dwarf wedgemussel.

**April 2, 2008 – Vermont Department of Environmental Conservation
Jeffrey R. Cueto, P.E.**

Grant of request for one year extension until April 2009 based on the discovery of the dwarf wedgemussel.

Request for monthly updates starting in May 2008

**April 30, 2008 – Federal Energy Regulatory Commission
Robert H. Grieve, Biological Resources Branch, Division of Hydropower
Administration and Compliance**

By letter dated February 27, 2007, we discussed the requirements and timing for installation of the downstream fish passage facilities. We requested that you provide us an update on progress you have made toward completing the requirements for installation of the passage facilities and a schedule for ensuring that functional passage facilities are in place and operational as required.

You replied that the FWS indicated that a survey for the federally-listed endangered dwarf wedgemussel was needed prior to its permit issuance and that May 2008 would be the earliest a survey could be conducted. In addition more time is required for you to permit adequate consultation with the resource agencies and to complete the design of the facilities.

By letter dated April 1, 2008, the FWS stated it supports your request based on the need for mussel survey and the need for adequate consultation. The VDEC, by letter dated April 2, 2008, has granted your request and stated that facilities must be completed and operational by April 1, 2009.

We grant your request herein, based on your consultation with the resource agencies. The new due date for completion of downstream fish passage facilities is April 1, 2009.

**September 7, 2008 – Ampersand Gilman Hydro, LP
Gregory Cloutier, Chief, Chief Operations Officer**

Notification to FERC that Gilman Hydro is in the process of being sold to Ampersand Gilman Hydro, LP. (AGH). While the FERC license is being transferred, AGH has signed an operating agreement with Dalton and has assumed the responsibilities for operating and maintaining the project. AGH has committed \$250,000 to escrow and has committed to spend an additional \$450,000 on capital expenditures to improve the project.

Waiting on construction permits from Vermont ANR, USACE and EPA.

Prepared by Stephen Hickey, authorized agent of Ampersand Gilman Hydro, LP

Trash rake and downstream passage inlet have reached final design stage by the H.L. Turner Group from Concord, NH.

Included timeline to illustrate the scheduling of the project

April 8, 2009 Completed all filings required for a project extension of time. The FERC filing included critical path dates necessary to meet the installation of the fish passage by April 1, 2010

April 15, 2009 Interim fish passage was made operational with 60 cfs of flow, inlet trash rack and downstream plunge pool.

April 28, 2009 – Vermont Department of Environmental Conservation
Jeffrey Cueto, Chief Hydrologist

Receipt of April 7, 2009 letter requesting extension in deadline for having operational fish passage facilities in place at Gilman Dam.

May 4, 2009 – Ampersand Gilman Hydro, LP
Gregory Cloutier

Filed the first project status summary report with the Vermont Department of Environmental Conservation. Completed all filings required for a project extension of time. The FERC filing included critical path dates necessary to meet the installation of the fish passage by April 1, 2010. Interim fish passage was made operational with 60 cfs of flow, inlet trash rack and downstream plunge pool.

June 4, 2009 – Troutman Sanders LLP
Fred Springer

Filed Downstream fish passage progress report with the FERC and the Vermont Department of Environmental Conservation. The interim fish passage was operational during this period of time. The baffle design was determined with Blue Hill Hydraulics using CFD models.

July 6, 2009 – Ampersand Gilman Hydro, LP
Gregory Cloutier

The monthly project status summary report was filed with Jeff Cueto of the Vermont Department of Environmental Conservation. The interim fish passage was shut down June 15, 2009. Negotiations continued with FWS regarding design modifications to reduce the intake velocities at the trash rack inlet.

Prepared by Stephen Hickey, authorized agent of Ampersand Gilman Hydro, LP

July 15, 2009 Troutman Sanders LLP
Fred Springer

Filed monthly downstream fish passage status report with the FERC including files indicating ongoing negotiations with FWS regarding design modifications.

August 10, 2009 Troutman Sanders LLP
Fred Springer

Filed marked up sketches of proposed changes to trash rack and downstream passage emailed to John Warner and Ben Rizzo for review and comment.

August 17, 2009 Federal Energy Regulatory Commission
Joseph Enrico

Acknowledgement of Ampersand Gilman Hydro's filing of May, June, July and August 2009 monthly progress reports and confirmation of letter dated May 4, 2009 granting extension of time to complete the installation and operation of downstream facilities by April 1, 2010.

September 4, 2009 Troutman Sanders LLP
Fred Springer

Monthly progress report indicating a revised CFD Model run to measure any decrease in the intake velocities as well as Ampersand's consultant, John Truebe presented 6 design alternatives to John Warner and Ben Rizzo for consideration.

October 5, 2009 Troutman Sanders LLP
Fred Springer

Ampersand's monthly progress report indicating that additional information is required by USFWS to evaluate the third CFD and six alternatives presented by AGH. AGH indicated Acoustic Doppler Current Profile Contractors had been hired to perform the necessary work.

November 16, 2009 Federal Energy Regulatory Commission
Joseph Enrico

Acknowledgement of August, September and October progress reports filed by AGH highlighting that the river profiles were completed on October 8, 2009 and the results were forwarded to Blue Hill Hydraulics for incorporation into the models. The six alternative designs for CFD models were revised and meetings were held to discuss the alternatives as well as a proposal to run the models logically rather than do all six.

December 4, 2009 – Ampersand Gilman Hydro, LP
Gregory Cloutier

November and December 2009 progress report filed with Jeffrey Cueto of the Vermont Department of Environmental Conservation.

**November 16, 2009 Federal Energy Regulatory Commission
Joseph Enrico**

Acknowledgement of November and December monthly progress reports which indicate that the next Computational Fluid Dynamics (CFD) study (run 4) will be completed in January 2010 and upon completion, a meeting with USFWS will be scheduled to discuss the results. After completing the passage design phase a firm construction schedule can then be developed.

**February 5, 2010 Troutman Sanders LLP
Fred Springer**

Monthly status report filed by AGH. Request for extension of time based on the number of steps which remain to work through the final design phase, get approval of all the stake holders and FERC, and the construction implementation. Due to the additional time necessary to complete the design steps, hardware purchase and installation, a letter was sent to VT DEC requested extension of time to have the downstream passage installed and requested approval to continue operating the interim downstream passage system installed in 2009. The unique features of the Gilman project have proven difficult and have moved from major cofferdam requirements to what we believe is a simple passage alternative. The hope is to have the downstream passage operational by April 1, 2011; however, agency approval will determine the exact date.

**March 5, 2010 Troutman Sanders LLP
Fred Springer**

Monthly status report filed with the FERC indicating that negotiations are still underway with VTDEC regarding the request for an extension until April 1, 2010 to have the downstream passage installed and operational. A proposal has been put in front of USFWS and VTDEC to review AGH's downstream passage design and the results of CFD model run 4, which move the fishway away from the turbine trash rack area by using a combination of a fish boom, barrier curtain and flow boosters.

**November 16, 2009 Federal Energy Regulatory Commission
Joseph Enrico**

FERC's contingent approval of extension of time request to have downstream passage facilities at the Gilman Project April 1, 2011 pending approval by VTDEC.

**April 1, 2010 Troutman Sanders LLP
Fred Springer**

Response to FERC February 23, 2010 letter and request for extension of time. Included is VT DEC's March 29, 2010 approval of request for extension of time until April 1, 2011 when facilities are to be completed and operational. Additionally, the project received conditional approval from USFWS to move the fish away from the turbine trash rack area by using a combination of a fish boom, barrier curtain and flow boosters. USFWS approved the plan subject to Ampersand moving ahead on the downstream passage design, structural review and cutting the larger downstream passage hole for the 2011 passage season; increasing the depth of the barrier curtain and tag testing the week of June 2011.

**April 2, 2010 Troutman Sanders LLP
Fred Springer**

Monthly update filed with the FERC detailing that on March 25, 2010, Greg Cloutier, John Trube of Lakeside Engineering and USF&W's John Warner and Ben Rizzo met in Concord NH to review CFD model run 4 which proposes moving the fish away from the turbine trash rack area by using a combination of fish boom, barrier curtain and flow boosters. The model further evaluated flow vectors and velocities during low and high river flow conditions utilizing two scenarios, no spilling and scenario 2 spilling 1000cfs as would be experienced in high spring river conditions, this flow was placed over the Vermont side rubber flash board. The design also incorporates 3 fifteen hp flow boosters which are positioned along a diversion boom upstream of the dam with the intent of directing surface currents towards the downstream fish passage opening. The model utilized actual river flow bathymetry from data collected by Lakeside Engineering. The information was sent to the FERC as part of AGH's March 5, 2010 report.

**April 8, 2010 Federal Energy Regulatory Commission
Joseph Enrico**

FERC's acknowledgment of notice that AGH is in discussions with the agencies regarding potential modifications the downstream passage design. FERC acknowledged that the interim downstream passage measures became operational on April 1, 2010.

**May 5, 2010 Troutman Sanders LLP
Fred Springer**

Monthly progress report indicating job responsibilities and the expectation that John Truebe of Lakeside Engineering would have the initial downstream passage designs completed during May 2010.

Prepared by Stephen Hickey, authorized agent of Ampersand Gilman Hydro, LP

June 3, 2010 Troutman Sanders LLP
Fred Springer

Monthly progress report indicating job responsibilities and the fact that AGH is reviewing a second design option for the fish curtains which are a pre-engineered barrier system fabricated by TUFFBOOM. Literature is attached.

August 12, 2010 Federal Energy Regulatory Commission
Joseph Enrico

FERC's acknowledgment of June, July and August monthly progress report filings. The reports noted that draft functional designs for the fish boom, boom curtain, flow inducer attachment, and power connections were completed; plans for the passage system were filed with the US Fish and Wildlife Service (FWS); comments from the FWS are being incorporated into the plans as they are received and approvals are in place from the FWS and Vermont Department of Environmental Protection to lower the impoundment and cut a hole for the installation of the passage system and final design of the location and size of the hole is being drafted by AGH's structural engineer.

September 7, 2010 Troutman Sanders LLP
Fred Springer

Monthly progress report. Updates included hiring, at the request of USFWS, Blue Hill hydraulics to run additional CFD models for approach flows to the bypass as it turns 90 degrees (and up to 120 degrees) in the two downstream passage openings design options. Additionally the project started design sketches for agency approval, engaged H.L. Turner Engineering to design anchor block sizes necessary to secure the existing "Low Boom", the new "Fish Curtains" and the "Flow Inducers" which make up the Gilman passage. In August AGH met with the Stream Alteration Chief Engineer for Vermont about the need for a "Stream Alterations Permit Application". Arrangements and purchase options were finalized with the flow inducer supplier.

September 27, 2010 – Ampersand Gilman Hydro, LP
Gregory Cloutier

Request for Commission approval for dam modifications ahead of the final downstream passage design approval by the agencies given the short construction season.

October 5, 2010 – Ampersand Gilman Hydro, LP
Gregory Cloutier

Monthly update to VTDEC

Prepared by Stephen Hickey, authorized agent of Ampersand Gilman Hydro, LP

**January 5, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly update to VTDEC detailing that AGH is awaiting comments from VTDEC, NHF&G and USF&W to AGH's 2010 fish passage plan. This approval and comments are necessary for AGH to file for FERC passage approval.

**February 4, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly update to VTDEC detailing conditional approval of Gilman fish passage plan submitted 10.28.10 was received from USF&W and that due to the time required to get agency approvals and to submit required documents to FERC for reviews and approvals, AGH will not have the downstream passage implemented by April 15, 2011 and requested a delay in the installation until April 15, 2012 with approval to use the interim fish passage for 4.15.2011. **Due to the difficulty of fitting a passage design into the existing powerhouse inlet, AGH has had to perform many computer models which have resulted in even more design options to review. The design difficulty has delayed approval by VTDEC, USF&W and other agencies.**

**March 1, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly update to VTDEC. AGH received approval from VTDEC to delay installation of downstream passage until April 15, 2012. AGH is awaiting approval from USF&W to delay installation of downstream passage to April 15, 2012. AGH has hired Lakeview Engineering to update and finalize the FERC submittal package.

**March 17, 2011 - Federal Energy Regulatory Commission
Joseph Enrico**

FERC's acknowledgment of January and February 2011 passage reports as well as the conditional approval received from USF&W regarding the downstream passage plans. FERC acknowledged that AGH will shortly be filing total package plans and documents for fish passage as well as an extension of time request with the Commission upon acceptance by USF&W and VTDEC.

**March 28, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly update to FERC. Condition C of the Vermont Water Quality Certificate (VWQC) requires the Gilman Hydroelectric Project to install downstream fish passage when so requested by the agencies. The Gilman Hydroelectric Project is required to have downstream passage operational by April 1, 2011. However, to start construction, AGH must have approval by all interested parties and FERC.

Prepared by Stephen Hickey, authorized agent of Ampersand Gilman Hydro, LP

Due to difficulty in fitting a passage design into the existing powerhouse inlet, AGH has performed many computer flow models, which resulted in even more design options to review. This design difficulty has simply delayed approval by VTDEC, USF&W and other agencies. AGH's progress has been outlined in monthly progress reports. AGH has received final comments and approval from USF&W and AGH expects to submit the Gilman Dam Final Passage Plan to FERC for approval during the first week of April, 2011. However, without approvals, and with the cold winter, AGH is out of time for an April 1, 2011 operations date.

On January 1, 2011, AGH wrote a letter to Vermont Department of Environmental Services, Mr. Brian Fitzgerald with a copy to John Warner of USF&W, outlining the progress AGH has made along with a request to delay the required installation of the downstream passage to April 15, 2012. VTDEC approved the extension request on February 8, 2011 and approval from USF&W on March 21, 2011.

AGH has made great progress over the past two years and only just agreed with the agencies on the final design. Due to the additional time necessary to get these approvals and considering the time that will be required to receive an approval from the FERC, AGH request FERC approval of an extension of time for the Gilman downstream passage until April 15, 2012 and that AGH be allowed to continue the operation of the interim downstream passage system for the April 2011 downstream passage season.

**April 5, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. On March 21, 2011 AGH received an email from John Warner of USF&W approving AGH's request for an extension of time for installation of the Gilman Passage from April 15, 2011 to April 15, 2012. On March 28, 2011 AGH filed with FERC the approval letters from VTDEC and USF&W for an Extension of Time for installation of the Gilman Passage from April 15, 2011 to April 15, 2012. On March 29, 2011, AGH filed with the FERC the Final Design documents for the Gilman Dam fish passage for FERC Approval along with VTDEC and USF&W consultation.

**May 5, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. Discussions have taken place with Paul Becht of HL Turner to being structural and fabrication design work on the passage inlet, bull nose, entrance gate, etc. Design modifications have been made to the fish curtain as a result of testing at Lockwood Hydro in Maine. AGH will submit final fabrication designs on the guidance curtain to the two suppliers. On March 28, 2011 AGH filed with FERC for an Extension of Time for the installation of the Gilman Passage from April 15 2011 to April 15, 2012. On March 29, 2011 AGH filed with the FERC the final Design documents for the Gilman dam passage along with VTDEC and USF&W consultation and is awaiting approval.

Prepared by Stephen Hickey, authorized agent of Ampersand Gilman Hydro, LP

**June 5, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. AGH scheduled the installation of the fish passage slot for the month of September 2011. AGH has not heard from FERC on its passage submittal.

**July 5, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. HL Turner provided AGH with final design sketches for the fish passage closure design so AGH can begin construction of the passage inlet frame and passage gate. Final bull nore design sketches are expected from HL Turner by the end of July. Final pricing is expected to be received from Worthington Product Inc. for the fish curtain by the end of July. AGH received FERC approval of the fish passage design was received on June 9, 2011

**August 5, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. Ampersand has ordered the portal gate steel and fabrication has begun with an expected delivery for install of 9.01.11. Ampersand has scheduled the impoundment 5' draw down for the week of 9.5.11. The bull nose design by Paul Becht of HL Turner is completed and submitted for VTDEC review. AGH has received final pricing for the fish curtain but is waiting to view the installation of the curtain at Lockwood Hydro before ordering theirs. AGH has scheduled the cutting of the passage hole for the week of 9.12.11 and the installation of the Gate and bull nose for the week of 9.19.11.

**September 5, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. AGH has scheduled the 5 foot drawdown for the week of 9.5.11 which is still on schedule. Vermont Concrete is scheduled to cut the portal hole starting the week of September 12, 2011. The gate and bull nose is scheduled for installation the week of 9.19.2011. All dates are contingent upon the high water from Irene residing.

**October 5, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. The downstream passage portal is installed. The concrete abutment cut and entrance devices were installed over the past month, while the impoundment water levels were lowered by 5 feet. AGH awarded Worthington Tuffboom the purchase order for two

Prepared by Stephen Hickey, authorized agent of Ampersand Gilman Hydro, LP

segments of the fish curtain. Segment 1 is 200 feet of 60" deep screens and Segment 2 is 60' of 120" deep screens

**October 27, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly passage report submitted to the Vermont Department of Environmental Conservation indicating that AGH has ordered the hydraulic operating cylinder for the Fish Passage Portal and started the installation of the hydraulics to operate the entrance gate. AGH fabricated and galvanized the plunge pool and angled exit plates which are onsite and ready to install. AGH has ordered the access doors to the Fish Passage portal and fabricated the safety rails.

**December 6, 2011 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. AGH made its first payment on the Worthington fish curtain, engineering has begun. AGH has installed and operated the hydraulic operating cylinder for the Fish passage portal and started the installation of the hydraulics to operate the entrance gate. AGH installed access doors to the Fish Passage portal and fabricated and installed safety rails. A jib crane was installed for the maintenance of 10' deep curtains. Evaluations have been ongoing regarding installation methods for the 200' long by 5' deep fish curtain during Spring flooding.

**January 5, 2012 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. AGH is working with its consultant, John Trube of Lakeside engineering on a phased installation of the fish curtains and flow inducers for 2012. The fish curtains would be installed sometime in April after peak Spring Flows and flows are being passed through the projects deflated rubber flashboard section. The flow inducers would be installed in May.

**January 30, 2012 - Federal Energy Regulatory Commission
Joseph Enrico**

FERC's acknowledgment of AGH's January 5, 2012 update indicating the the fish curtain would be installed in April, 2012 with the flow inducers to follow in May 2012. FERC reminded AGH that the installation for fish passage facilities at the Gilman project is due on April 1, 2012. Any extension beyond that date would need concurrence of the State of Vermont Department of Environmental Conservation and the U.S. Fish and Wildlife Service.

February 5, 2012 – Ampersand Gilman Hydro, LP
Gregory Cloutier

Monthly progress report filed with the Vermont Department of Environmental Conservation. AGH expects the fish passage curtain to be delivered March 19, 2012. AGH is working on a few final details which should have no impact on the expected delivery. AGH is working with Tuffboom on methods of installation of the curtain by April 1. AGH has not worked on the three thrusters.

March 1, 2012 – Ampersand Gilman Hydro, LP
Gregory Cloutier

Request for an extension of time to implement the downstream fish passage required at the Gilman dam per Condition C of the Vermont Water Quality Certificate. The Gilman Vermont Hydroelectric project is required to have downstream fish passage fully operational by April 1, 2012. During 2012 AGH had great progress with the Gilman passage as was outlined in the monthly progress reports. Namely, the 5' X 7' passage slot was installed along with, inlet gate, bull nose, plunge pool and fish curtain downstream anchor. The fish curtain has been engineered, purchased and is expected for onsite delivery by the end of March 2012. Lakeside Engineering the provider of the flow inducers has delivered (1) test inducer on site for hydraulic testing in 2012. AGH plans to assemble the fish curtains during March 2012. The 5' X 7' permanent fish passage slot will be used starting April 1, 2012. During the month of April the Connecticut River is generally in high spring flood flows and it will not be safe for our first installation. This should not impact the April passage because flows above 8,500 cfs will create true attraction flows over the deflated rubber flashboards. After the Spring Flood Flows peak AGH plans to install the 200' section of the 5' deep curtains. AGH will then install the 60' long section of the 10' deep curtains which is closer to the dam and the passage slot and finally the Test flow inducer. During May and June AGH plans to complete the hydraulic test of the installation ahead of any tagged fish testing for 2012. AGH will make any necessary changes resulting from the hydraulic testing and plan for actual tagged fish testing in June 2013. AGH respectfully requests an extension of time for the Gilman Passage to be fully operational until April 1, 2013.

March 3, 2012 – Ampersand Gilman Hydro, LP
Gregory Cloutier

Monthly progress report filed with the Vermont Department of Environmental Conservation. The Tuffboom fish passage curtain is on schedule for delivery March 19, 2012. Lakeview Engineering will have one Test thruster available for hydraulic testing for the Spring of 2012. Because the Gilman Fish Passage will not be FULLY operational by April 1, 2012, AGH has requested another extension of time. AGH expects the 5'w x 7'h downstream passage slot open and fully operational on April 1, 2012. The Worthington curtains will be onsite and AGH staff will have started assembly. If the Spring Flood Flows are low enough and it is safe for installation, AGH staff will begin

Prepared by Stephen Hickey, authorized agent of Ampersand Gilman Hydro, LP

installing the 200' long 5' deep fish curtain in the River. Hydraulic testing is planned for the end of May.

**April 5, 2012 – Ampersand Gilman Hydro, LP
Gregory Cloutier**

Monthly progress report filed with the Vermont Department of Environmental Conservation. The Tuffboom fish passage curtain was delayed from the original March 19 delivery date to April 2, 2012. AGH is still waiting on comments from the agencies regarding its request for a final extension due to the delayed delivery of the fish curtain. FERC was provided a summary of the project progress to date. The new 5 x 1' downstream fish passage portal was opened April 1, 2012 as required. Hydraulic testing is planned for the end of May.

**April 8, 2012 – Vermont Department of Environmental Conservation
Brian T. Fitzgerald**

AGH's request for an extension in the deadline for having operational fish passage facilities in place at the Gilman Dam is granted. Facilities are to be complete and operational by September 1, 2012. The interim fish passage is to be operational during the spring 2012 downstream passage period.