

October 29, 2021

VIA E-FILING

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

**Subject: Rumford Falls Hydroelectric Project (FERC No. 2333-091)
Quarterly Study Progress Report**

Dear Secretary Bose:

Rumford Falls Hydro LLC (RFH), a subsidiary of Brookfield Renewable, herein submits to the Federal Energy Regulatory Commission (FERC or Commission) a quarterly study progress report for the Rumford Falls Hydroelectric Project (Project) (FERC No. 2333) in accordance with 18 CFR §5.15(b). The Project is a two-development hydroelectric facility on the Androscoggin River in the Town of Rumford, Oxford County, Maine. The FERC license for the Project expires on September 30, 2024 and RFH is pursuing a new license for the Project through the Commission's Integrated Licensing Process (ILP).

Consistent with the ILP and 18 CFR §5.13, RFH filed the Revised Study Plan (RSP) with the Commission on July 7, 2020. The Commission issued a Study Plan Determination (SPD) on August 6, 2020. In accordance with the RSP and associated SPD, RFH is conducting a total of eight studies. RFH filed quarterly progress reports with the Commission on October 30, 2020, January 29, 2021, and April 30, 2021, and distributed the reports to stakeholders to provide routine updates on the studies.

On August 6, 2021, RFH filed the Initial Study Report (ISR), which described the Licensee's overall progress in implementing the study plan and associated schedule. RFH held the ISR meeting on August 19, 2021, and filed an ISR meeting summary with FERC on September 3, 2021. The enclosed table provides updates that have occurred since the submittal of the ISR meeting summary. The next study progress report will be filed with the Commission in February 2022.

In addition to filing this study progress report with the Commission, RFH is distributing this letter to those on the enclosed distribution list. This submittal is also available in FERC's eLibrary system at <https://elibrary.ferc.gov/idmws/search/fercgensearch.asp> under docket number P-2333.

If there are any questions or comments regarding this submittal, please contact me by phone (207) 755-5613 or at luke.anderson@brookfieldrenewable.com.

Sincerely,



Luke Anderson
Manger, Licensing
Brookfield Renewable

cc: Distribution List
Enclosures (1)

Rumford Falls Hydroelectric Project, FERC No. 2333
Quarterly Study Progress Report
Distribution List

Federal Agencies

John Eddins
Program Analyst
Advisory Council on Historic Preservation
Office of Federal Agency Programs
401 F Street NW, Suite 308
Washington, DC 20001-2637
Email: jeddins@achp.gov

Peter Gaynor
Administrator
Federal Emergency Management Agency
500 C Street S.W.
Washington, DC 20472

Paul Ford
Acting Regional Administrator
Federal Emergency Management Agency,
Region 1
99 High Street
Boston, MA 02110

John Spain
Regional Engineer
Federal Energy Regulatory Commission
Division of Dam Safety and Inspections - New
York Regional Office
19 W 34th Street, Suite 400
New York, NY 10001
Email: john.spain@ferc.gov

Christopher Boelke
Chief, New England Branch
National Oceanic and Atmospheric
Administration
National Marine Fisheries Service
55 Great Republic Drive
Gloucester, MA 01930-2298
Email: christopher.boelke@noaa.gov

Matt Buhyoff
Atlantic Salmon Recovery Coordinator
National Oceanic and Atmospheric
Administration
National Marine Fisheries Service
17 Godfrey Drive
Orono, ME 04473
Email: matt.buhyoff@noaa.gov

Donald Dow
Hydro/Fish Passage Engineer
National Oceanic and Atmospheric
Administration
National Marine Fisheries Service
17 Godfrey Drive
Orono, ME 04473
Email: donald.dow@noaa.gov

Jon Hare
Director, Northeast Region
National Oceanic and Atmospheric
Administration
Northeast Fisheries Science Center
166 Water Street
Woods Hole, MA 02543-1026
Email: jon.hare@noaa.gov

William McDavitt
Environmental Specialist
National Oceanic and Atmospheric
Administration
National Marine Fisheries Service
HCD, 55 Great Republic Drive
Gloucester, MA 01930
Email: william.mcdavitt@noaa.gov

Scott Acone
Deputy District Engineer
U.S. Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA 01742-2751

Jay Clement
U.S. Army Corps of Engineers
442 Civic Center Drive, Suite 350
Augusta, ME 04330
Email: jay.l.clement@usace.army.mil

Richard Kristoff
U.S. Army Corps of Engineers
New England District/Regulatory Branch
696 Virginia Road
Concord, MA 01742-2718
Email: Richard.C.Kristoff@usace.army.mil

Rumford Falls Hydroelectric Project, FERC No. 2333
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Distribution List

Major General Jeffrey L. Milhorn
Division Commander
U.S. Army Corps of Engineers
North Atlantic Division
Fort Hamilton Military Community / 302
General Lee Avenue
Fort Hamilton, NY 11252-6700

Lieutenant General Todd T. Semonite
Commander
U.S. Army Corps of Engineers
Headquarters
441 G Street NW
Washington, DC 20314

Harold Peterson
Natural Resources Officer
U.S. Bureau of Indian Affairs
545 Marriott Drive, Suite 700
Nashville, TN 37214
Email: Harold.Peterson@bia.gov

Mitchell Leverette
State Director
U.S. Bureau of Land Management
Eastern States Office
5275 Leesburg Pike
Falls Church, VA 22041

William Perry Pendley
Director
U.S. Bureau of Land Management
Headquarters
1849 C Street NWMIB 5655
Washington, DC 20240

Commissioner
U.S. Bureau of Reclamation
Headquarters
1849 C Street NW
Washington, DC 20240

Office of the Secretary
U.S. Department of Commerce
1401 Constitution Avenue NW
Washington, DC 20230

David Bernhardt
Acting Secretary
U.S. Department of Interior
1849 C Street, N.W.
Washington, DC 20240

Andrew Raddant
Regional Environmental Officer
U.S. Department of Interior
15 State Street, Suite 400
Boston, MA 02109
Email: andrew_raddant@ios.doi.gov

Chief, Water Quality Branch (CWQ)
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100
Mail Code: OEP06-02
Boston, MA 02109

Deborah Szaro
Acting Regional Administrator
U.S. Environmental Protection Agency
Region 1: New England
5 Post Office Square, Suite 100
Boston, MA 02109-3912

Ken Moraff
Director, Office of Ecosystem Protection
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100
Mail Code: OEP06-02
Boston, MA 02109-3912
Email: moraff.ken@epa.gov

Administrator
U.S. Environmental Protection Agency
Mail Code: 1101A
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Peter Lamothe
U.S. Fish & Wildlife Service
Maine Field Office
306 Hatchery Way
East Orlando, ME 04431
Email: peter_lamothe@fws.gov

Rumford Falls Hydroelectric Project, FERC No. 2333
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Distribution List

Audrey Mayer
Supervisor
U.S. Fish & Wildlife Service
New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301
Email: Audrey_Mayer@fws.gov

Aurelia Skipwith
Director
U.S. Fish & Wildlife Service
Main Interior
1849 C Street NW, Room 3331
Washington, DC 20240-0001

Bryan Sojkowski
Civil Engineer
U.S. Fish & Wildlife Service
Northeast Region
300 Westgate Center Drive
Hadley, MA 01035
Email: bryan_sojkowski@fws.gov

Vicki Christiansen
Interim Chief
U.S. Forest Service
Sidney R. Yates Federal Building
201 14th Street, S.W.
Washington, DC 20024
Email: vcchristiansen@fs.fed.us

Mark Prout
Forest Fish Biologist
U.S. Forest Service
71 White Mountain Drive
White Mountain National Forest
Campton, NH 03223
Email: mprout@fs.fed.us

Regional Forester
U.S. Forest Service
Eastern Region - 9
626 East Wisconsin Avenue
Milwaukee, WI 53202

Richard Kiah
Section Chief
U.S. Geological Survey
361 Commerce Way
Pembroke, NH 03275
Email: rkiah@usgs.gov

Director
U.S. Geological Survey
12201 Sunrise Valley Drive
Reston, VA 20192

Nicholas Stasulis
Data Section Chief
U.S. Geological Survey
New England Water Science Center
196 Whitten Road
Augusta, ME 04333
Email: nstasuli@usgs.gov

Mike Tupper
Regional Director, Northeast Region
U.S. Geological Survey
12201 Sunrise Valley Drive
Reston, VA 20192
Email: mtupper@usgs.gov

Kevin Mendik
Hydro Program Coordinator
U.S. National Park Service
15 State Street, 10th floor
Boston, MA 02109
Email: kevin_mendik@nps.gov

David Vela
Director
U.S. National Park Service
1849 C Street NW
Washington, DC 20240

Gay Vietzke
Regional Director, Northeast Region
U.S. National Park Service
U.S. Custom House
200 Chestnut Street 5th Floor
Philadelphia, PA 19106

Rumford Falls Hydroelectric Project, FERC No. 2333
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Distribution List

State Agencies

Kathy Davis Howatt
Hydropower Coordinator
Maine Department of Environmental Protection
17 State House Station
Augusta, ME 04333-0017
Email: Kathy.Howatt@maine.gov

Jim Pellerin
Regional Biologist
Maine Department of Inland Fisheries and
Wildlife
Region A
15 Game Farm Road
Gray, ME 04039
Email: James.Pellerin@maine.gov

John Perry
Environmental Coordinator
Maine Department of Inland Fisheries and
Wildlife
284 State Street
41 SHS
Augusta, ME 04333-0041
Email: john.perry@maine.gov

Paul Christman
Maine Department of Marine Resources
21 State House Station
Augusta, ME 04333-0021
Email: paul.christman@maine.gov

Casey Clark
Maine Department of Marine Resources
21 State House Station
Augusta, ME 04333-0021
Email: casey.clark@maine.gov

Gail Wippelhauser
Marine Resources Scientist
Maine Department of Marine Resources
21 State House Station
Augusta, ME 04333
Email: Gail.Wippelhauser@maine.gov

Megan M. Rideout
Review & Compliance/CLG Coordinator
Maine Historic Preservation Commission
55 Capitol Street
65 State House Station
Augusta, ME 04333
Email: Megan.M.Rideout@maine.gov

Dr. Arthur Spiess
Review & Compliance/CLG Coordinator
Maine Historic Preservation Commission
55 Capitol Street
65 State House Station
Augusta, ME 04333
Email: arthur.spiess@maine.gov

Kathleen Leyden
Dir., Maine Coastal Program
State of Maine Department of Agriculture,
Conservation & Forestry
93 State House Station
Augusta, ME 04333-0038
Email: kathleen.leyden@maine.gov

James Vogel
Senior Planner
State of Maine Department of Agriculture,
Conservation & Forestry
Bureau of Parks and Lands
18 Elkins Lane, Harlow Building
22 State House Station
Augusta, ME 04333-0022
Email: jim.vogel@maine.gov

Municipalities and Government Officials

Nichole Cargnino
Commissioners Clerk
Board of Oxford County Commissioners
26 Western Avenue
South Paris, ME 04281-1431
Email: info@oxfordcounty.org

Stacy Carter
Town Manager
Town of Rumford
145 Congress Street
Rumford, ME 04276
Email: townmanager@rumfordme.org

Rumford Falls Hydroelectric Project, FERC No. 2333
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Distribution List

Lisa Keim
State Senator
Maine Senate District 18
3 State House Station
Augusta, ME 04333-0003
Email: Lisa.Keim@legislature.maine.gov

George O'Keefe
Economic Development Director
Town of Rumford
145 Congress Street
Rumford, ME 04276
Email: gokeefe@rumfordme.org

Native American Tribes

Edward Peter-Paul
Chief
Aroostook Band of Micmacs
7 Northern Road
Presque Isle, ME 04769
Email: epeterpaul@micmac-nsn.gov

Jennifer Pictou
THPO
Aroostook Band of Micmacs
7 Northern Road
Presque Isle, ME 04769
Email: jpictou@micmac-nsn.gov

Clarissa Sabattis
Chief
Houlton Band of Maliseet Indians
88 Bell Road
Littleton, ME 04730
Email: csabattis@maliseets.com

Marla Dana
Chief
Passamaquoddy Native American Nation
Pleasant Point Reservation
Tribal Building Office
Route No. 190
Perry, ME 04667
Email: chiefmdana@wabanaki.com

William J. Nicholas, Sr
Chief
Passamaquoddy Tribe
Indian Township
PO Box 301
Princeton, ME 04668
Email: chief.wnicholas@gmail.com

Donald Soctomah
THPO
Passamaquoddy Tribe
PO Box 159
Princeton, ME 04668
Email: soctomah@gmail.com

Kirk Francis
Chief
Penobscot Nation
12 Wabanaki Way
Indian Island, ME 04468
Email: kirk.francis@penobscotnation.org

Christopher Sockalexis
THPO
Penobscot Nation
12 Wabanaki Way
Indian Island, ME 04468
Email: chris.sockalexis@penobscotnation.org

Additional Parties

Kevin Richard Colburn
National Stewardship Director
American Whitewater
1035 Van Buren Street
Missoula, MT 59802
Email: kevin@americanwhitewater.org

Robert Nasdor
Northeast Stewardship Director
American Whitewater
65 Blueberry Hill Lane
Sudbury, MA 01776
Email: bob@americanwhitewater.org

Rumford Falls Hydroelectric Project, FERC No. 2333
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Distribution List

Mark Zakutansky
Director of Conservation Policy Engagement
Appalachian Mountain Club
45 Jordan Road
Albrightsville, PA 18210-0527
Email: mzakutansky@outdoors.org

Curtis Mooney
Manager, Regulatory Affairs
Central Rivers Power
59 Ayers Island Road
Bristol, NH 03222
Email: cmooney@centralriverspower.com

Sean Mahoney
Executive Vice President and Director
Conservation Law Foundation Maine
53 Exchange Street, Suite 200
Portland, ME 04101
Email: smahoney@clf.org

Jody Smet
Eagle Creek Renewable Energy
65 Madison Avenue, Suite 500
Morristown, NJ 07960
Email: jody.smet@eaglecreekre.com

Jennifer Kreckel
President
EnvisionRumford
PO Drawer L
Rumford, ME 04276
Email: jfk@kreckellaw.com

Gabe Perkins
Executive Director
Inland Woods + Trails
PO Box 572
Bethel, ME 04217
Email: gabe@woodsandtrails.org

Maryalice Fischer
Certification Program Director
Low Impact Hydropower Institute
1167 Massachusetts Avenue, Office 407
Arlington, MA 02476
Email: mfischer@lowimpacthydro.org

Kirk Siegel
Executive Director
Mahoosuc Land Trust
162 North Road
PO Box 981
Bethel, ME 04217
Email: kirk@mahoosuc.org

Andrew Beahm
Executive Director
Maine Audubon Society
20 Gilsland Farm Road
Falmouth, ME 04105-2100
Email: abeahm@maineaudubon.org

Landis Hudson
Executive Director
Maine Rivers
PO Box 782
Yarmouth, ME 04096
Email: landis@mainerivers.org

Scott Reed
Manager, Environmental and Public Affairs
ND Paper Inc.
35 Hartford Street
Rumford, ME 04276
Email: scott.reed@us.ndpaper.com

Thomas J Christopher
Principal
New England FLOW
252 Fort Pond Inn Road
Lancaster, MA 01523-3230
Email: tom.christopher@comcast.net

Jennifer Deraspe
Owner
Nurture Through Nature
77 Warren Road
Denmark, ME 04022

Tony Carter
President
Pennacook Falls Investments, Ltd.
PO Box 35
Rumford, ME 04276
Email: TONYCARTER55@gmail.com

Rumford Falls Hydroelectric Project, FERC No. 2333
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Distribution List

Steve Heinz
Trout Unlimited
Sebago Lake Chapter
3 Spruce Lane
Cumberland Foreside, ME 04110
Email: heinz@maine.rr.com

Glenn and Sandee Gordon
72 Congress Street
Rumford, ME 04276

Todd Papianou
Email: beoutsidenw@gmail.com

John Preble
Email: jmpreble69@gmail.com

Brie Weisman
Email: brieweisman@yahoo.com

Karen Wilson
Email: karensusanwilson@gmail.com

Craig Zurhorst
757 Hancock Street
Rumford, ME 04276
Email: craig.zurhorst@gmail.com

**Rumford Falls Hydroelectric Project
Quarterly Study Progress Report
Reporting Period: August 2021 – October 2021**

No.	Study	Status	Modifications to Methodology
1	Water Quality Study	<p>Rumford Falls Hydro LLC (RFH) has reviewed three years of Upper Dam impoundment elevation data and outflow data for the Rumford Falls Hydroelectric Project (Project) with the Maine Department of Environmental Protection (MDEP). Per an October 15, 2021 email, the MDEP indicated that it has no additional questions, and an Impoundment Aquatic Habitat Study is not needed.</p> <p>RFH consulted with the MDEP to identify the additional sampling that will be needed for the Trophic State Study in 2022. The Water Quality Study has otherwise been completed.</p>	None
2	Angler Creel Survey	RFH will conduct this study in 2022 and will consult with Maine Department of Inland Fisheries and Wildlife (MDIFW) to identify an appropriate start date.	None
3	Impoundment Bass Spawning Survey	RFH has completed this study.	None
4	Flow Study for Aquatic Habitat Evaluation	RFH consulted with MDIFW on the binary Habitat Suitability Criteria, survey flows, and transect locations. The fieldwork components of this study were completed in October 2021.	None
5	Aesthetic Flow Study	RFH continued to coordinate with the focus group to schedule dates for the controlled flow assessment in August, September, and October. Due to low flows in the Androscoggin River, the assessment was postponed. RFH continues to coordinate with the focus group to complete the controlled flow assessment.	None
6	Whitewater Boating Study	RFH continued to coordinate with the Working Group and additional potential study participants to schedule the on-water assessment in August, September, and October. Due to low flows in the Androscoggin River, the on-water assessment was postponed. Given the continued low flows and reduction in daylight, the Working Group agreed to postpone the on-water assessment to Spring 2022.	None

**Rumford Falls Hydroelectric Project
 Quarterly Study Progress Report
 Reporting Period: August 2021 – October 2021**

No.	Study	Status	Modifications to Methodology
7	Recreation Study	RFH will conduct this study in 2022.	None
8	Historic Architectural Survey	The historic architectural resource report was sent to the Maine Historic Preservation Committee (MHPC) on October 25, 2021. Once the report has been accepted by the MHPC, RFH will file the final report and documentation of consultation with MHPC with FERC.	None