

APPENDIX B-5
MODIFICATION OF NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL
SERVICES WATER QUALITY SAMPLING REQUIREMENTS
DTD JULY 10, 2002

7/16/02



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-2457 FAX (603) 271-7894



July 10, 2002

Mr. Mark Smith
American Paper Corporation
300 Raybro Drive
Hauppauge, NY 11788

Re: Gilman Hydroelectric Project, FERC #2392 – Water Quality Monitoring

Dear Mr. Smith:

The water quality monitoring program that was included as a condition in the Section 401 Water Quality Certificate (Certificate) issued December 16, 1992 shall continue during summer 2002 at the above referenced project. This is based on the review of water quality data collected during the past 10 years pursuant to the Certificate. Although the data do not indicate exceedances of New Hampshire surface water quality standards for dissolved oxygen, the data indicate that sustained, low flow, high water temperature conditions only existed in 1995. In addition, ambient river conditions precluded the implementation of NHDES' request for three separate sampling events during several years, including 1999, 2000, and 2001 where only one sampling event occurred in 1999 and 2000, and only two sampling events occurred in 2001.

Through previous correspondence, NHDES had expressed interest in the documentation of dissolved oxygen conditions associated with river flows less than 800 cfs and water temperatures greater than 20°C. Although 800 cfs remains as an important target, additional interest exists for the documentation of dissolved oxygen conditions at river flows ranging from 400-600 cfs.

As with previous efforts, three separate sampling events should occur during summer 2002 (one event per month during July, August, and early September), if conditions exist. Monitoring is contingent on river flow, where sampling events should be conducted only if river flows range from 400-600 cfs. Data should be collected over a three-day period. Sampling locations and methods in summer 2002 should be consistent with those used during the 1999-2001 monitoring periods (i.e., surface, mid-depth, and bottom samples at the Railroad Bridge and Dalton-Gilman Bridge, and at 1-meter depth intervals in the impoundment).

The water quality monitoring program will be assessed annually; the NH DES will inform you as to when the program can be discontinued.

Mark Smith
July 10, 2002

Page 2

Please feel free to call me if you have any questions.

Sincerely Yours,



Paul Piszczek
Watershed Management Bureau

cc: Don Hallee, APMV
Jeff Cueto, VANR
John Warner, USFWS
William Ingham, NHDF&G
Jeff Bagley, Kleinschmidt