

**STATE OF MAINE
LAND USE REGULATION COMMISSION**

IN THE MATTER OF)	
FISH RIVER CHAIN OF LAKES)	Pre-Filed Direct Testimony of
CONCEPT PLAN)	John Gilbert
ZONING PETITION ZP 768)	

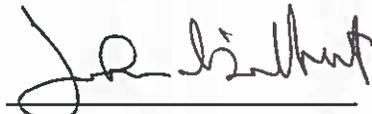
On behalf of Aroostook Timberlands LP, Allagash Timberlands LLC, and Maine Woodlands Realty Company (collectively, Irving), John Gilbert is submitting this pre-filed direct testimony in support of a Concept Plan for the Fish River Chain of Lakes in northern Aroostook County.

I. QUALIFICATIONS AND BACKGROUND

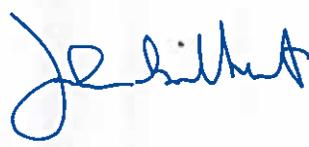
My name is John Gilbert. I am employed by J. D. Irving, Limited at corporate headquarters in Saint John, New Brunswick, however my responsibilities include Irving Woodlands LLC holdings in the State of Maine. I have been the company’s Manager of Fish, Wildlife & Environment since 1990. I received my Bachelor of Science in Forestry Wildlife at the University of New Brunswick in Fredericton, New Brunswick in 1975 and have over 43 years of experience in fish, wildlife and environmental issues during my tenure with the government of New Brunswick and J. D. Irving, Limited. I am a U.S. Army Corps “Certified Wetland Delineator”. It is my responsibility to ensure that all Federal and State of Maine fish, game, water, wetland, and environmental regulations and guidelines are incorporated into Irving Woodlands LLC policies, guidelines and “standard operating procedures”. I supervise our Maine employees’ environmental training and I am part of our company’s internal audit team to ensure all operations meet company standards, State and Federal regulations, and our third-party certification standards under the Sustainable Forestry Initiative (SFI) and Forest Stewardship Council (FSC). I have been responsible for identifying research needs in fish and wildlife issues and work closely with the University of Maine, the Cooperative Forest Research Unit and IF&W on a number of projects.

I have been involved with the Outcome Based Forestry program (OBF) since its inception, ensuring all our policies and practices meet OBF standards, and training our staff to those principles. I perform audits with our third-party auditors and State representatives to OBF standards. I am familiar with the "Concept Plan" and the use of OBF to achieve the highest environmental standard within the framework of that plan. I personally performed an on-site "vernal pool" screening survey of the proposed area and arranged the Rusty blackbird survey for the same. Some areas of the Concept Plan have been included in our third-party audits and there are no outstanding "non-conformance" or "opportunities for improvement" issues on those areas.

OBF allows the land base to be managed on science-based forestry and wildlife standards, rather than regulations based on emotion and recently, social media. The application of OBF principles to the Concept Plan area will be publicly beneficial because it will lead to better environmental results than the current regulatory structure for forestry in Maine.



John Gilbert
Date: May 2, 2018



PROVINCE OF NEW BRUNSWICK
COUNTY OF ST. JOHN

Personally appeared before me the above-named John Gilbert and made oath that the foregoing is true and accurate to the best of his knowledge and belief.

Dated: May 3, 2018





Notary Public

My commission expires:

N/A - MEMBER of LAW
SOCIETY of NEW BRUNSWICK

CURRICULUM VITAE

NAME: **JOHN C. GILBERT**

ADDRESS: Home: 80 Gardenview Drive
 Islandview, NB E3E 1A3

Work: J. D. Irving, Limited
 300 Union Street
 Saint John, NB E2L 4M7

TELEPHONE: Home: 506-459-7916
 Work: 506-632-7777

DATE OF BIRTH: November 12, 1952

EDUCATION:

1967 – 1970 Fredericton High School
 Fredericton, New Brunswick

1970 – 1975 Bachelor of Science in Forestry, Wildlife Option
 University of New Brunswick
 Fredericton, New Brunswick

Related Course Work: Genetics, Invertebrate Zoology, Organic Chemistry, Meteorology and Forest Meteorology, Plant Taxonomy, Dendrology, Vertebrate Zoology, Animal Physiology, Photogrammetry and Aerial Photo Interpretation, Soil Science, Statistics, Biometry, Animal Ecology, Parasitology, Mammalogy, Environmental Zoology, Logging Systems, Statistical Methods, Remote Sensing, Forest Ecology, Engineering Graphics, Wildlife Management, Ornithology, Forest Economics, Forest Management, Forest Policy and Administration, Regional Resource Development, Silviculture, Forest Entomology, Fire Science.

Thesis: The Use of Antimycin "A" to Control Unwanted Fish Species in a New Brunswick Lake

EMPLOYMENT HISTORY:

Summers: New Brunswick Department of Natural Resources
1970 - 1974 Fish and Wildlife Branch – summer student.

Work performed included hydrographic, chemical and biological sampling of most of New Brunswick's major drainage systems.

April 1975 – Project Manager – Applied Research
April 1979 New Brunswick Department of Natural Resources
 Fish and Wildlife Branch

Curriculum Vitae – John Gilbert cont.

Project Manager supervising a five-person team whose discipline included Province-wide Fisheries Development and Applied Research encompassing: angling opportunity development, lake reclamation, fish and aquatic insect population analysis, fish habitat improvement projects, aquaculture – investigation of salmonoid culture in private and public hatcheries, development of computer compatible field techniques, fish growth and production studies and water quality analysis.

**April 1979 –
May 1982**

Project Manager – Aquaculture/Cogeneration
New Brunswick Department of Natural resources, New Brunswick Electric Power Commission, Canadian Electrical Association – Joint Study

Project Manager of a joint study on the utilization of co-generated heat streams for intensive aquaculture purposes at New Brunswick Electric Power Commission generating stations; development of a pilot project rearing salmonids for sport and commercial fisheries in thermal effluent from N.B Power facilities; investigations of alternate energy approaches to private and public-sector hatchery production improvement.

**June 1982 –
May 1990**

Provincial Coordinator – Fish Habitat Protection and Development
New Brunswick Department of Natural Resources
Fish and Wildlife Branch
Fredericton, New Brunswick
Supervisor: M. A. Redmond, Director of Fisheries

Provincial Coordinator of Fish Habitat Protection and Development for New Brunswick. Duties included: establishing a direction and strategy for integrating fish habitat management with Provincial land use management, coordinating the Department's Watercourse Alteration Review Program under the New Brunswick Clean Environment Act and Regulations; providing liaison and technical advice and developing in-service training programs for field staff on fish habitat assessment and protection procedures; providing departmental input to ensure fisheries management considerations were incorporated into Provincial land development projects and environmental impact assessments; coordinating Fish and Wildlife Branch's information and education programs, specifically the promotion of fish and fish habitat conservation, ethical use of the resource, and public participation in fish habitat protection and restoration programs consistent with Provincial objectives.

Curriculum Vitae – John Gilbert cont.

June 1990 - present Manager, Fish, Wildlife and Environment
J. D. Irving, Limited, Woodlands
300 Union Street
Saint John, New Brunswick

Reporting to the J D Irving, Limited's Director of Research, the Manager of Fish, Wildlife and Environment is responsible for integration of fish and wildlife, environmental and multiple resource strategies into the company's land management actions on approximately 2.3 million acres of private land in New Brunswick, Nova Scotia and Maine and an additional 2.5 million acres of Crown land in New Brunswick. The Manager of Fish, Wildlife and Environment works with the New Brunswick Department of Natural Resources, Maine Inland Fisheries & Wildlife, other Federal agencies and various consumptive and non-consumptive user groups and the general public on fish, wildlife and landscape management issues. The Manager of Fish, Wildlife and Environment identifies research needs, coordinates staff education in environmental issues, develops and implements appropriate policies, procedures and "best practices" and works with the Communications Department on public information and education on fish, wildlife and conservation topics. The position includes the supervision of environmental audits to internal company standards as well as third party auditing to International Standards Organization (ISO 14001), Sustainable Forestry Initiative (SFI) and Forest Stewardship Council (FSC). The Manager position also involves coordinating environmental aspects for a number of J D Irving, Limited owned affiliate companies including pulp and paper production, sawmills, power generation, heavy construction and rail transport.

PUBLICATIONS:

Sport Fisheries Development of the Grand Lake Area, New Brunswick; Published in the Canadian Society of Environmental Biologists Bulletin, Vol. 34, No 2, June 1977.

Rearing of Brook Trout and Lake Trout in Thermal Effluent of a Coal-Fired Generating Station. Annual Proceedings of the Canadian Electrical Association, Thermal and Nuclear Section, Regina, Saskatchewan, October 1977.

Large-scale Salmonid Habitat Improvement. Fisheries Information Bulletin No. 1 New Brunswick Department of Natural Resources Publication, 1977.

Goldfish Eradication, Standing Crop Estimates of Fishes, and Management Recommendations for a Small, Mesotrophic New Brunswick Lake. Fisheries Information Bulletin No. 6. New Brunswick Department of Natural Resources Publication, 1978.

Trout and Salmon Culture in Warm Water from a Coal-Fired Generating Station. Canadian Electrical Association Project Report No. 907U 133, March 1981.

Hatching and Early Rearing of Salmon and Trout in Warm Water from a Power Plant. Canadian Electrical Association Project Report No. 006 U 192, March 1983.

Fish Habitat Protection on Small Woodlots. Published in Proceedings of Wildlife Habitat Management and Small Woodlots. New Brunswick Department of Natural Resources Handbook Publication, June 24, 1983.

Trout Pond Construction and Management in New Brunswick. New Brunswick Department of Natural Resources Handbook Publication, March 1984.

Use of Power Plant Energy Streams to Rear Salmon and Trout in Ten Months. Canadian Electrical Association Project Report No. 133 U 285, September 1985.

Affiliations and Appointments (past / present):

New Brunswick Pesticide Advisory Board

New Brunswick Watercourse Alteration Advisory Board

New Brunswick Watercourse Alteration Technical Committee

Canadian Pulp and Paper Endangered Species Committee

Board of Directors, New Brunswick Branch, Canadian Forestry Association

Board of Directors, Fredericton Trails Coalition

New Brunswick Environmental Impact Assessment Review Committee

American Fisheries Society – Atlantic International Chapter

Crown Land Management Review Committee

Honorary Research Associate – Biology Dept., University of New Brunswick

Board of Directors – Miramichi Watershed Management Committee

Miramichi Salmon Association – Research Advisory Committee

Restigouche Watershed Management Association - Science Committee

Board of Directors, New Brunswick Nature Trust

Board of Directors, New Brunswick Salmon Council

Maine Forest Product Council - Wildlife Technical Advisory Committee

Maine Fisheries Improvement Network

Canadian Private Forest Landowners Committee – Vice Chair

Coalition for Atlantic Salmon for Tomorrow – Past Director

U.S. Army Corp of Engineers – Certified Wetland Delineator

New Brunswick Premiers Commission on Watershed Management

Canadian Institute of Forestry – Lifetime Achievement Award