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# Manitoba Clean Environment Commission

Annual Report 2010-2011



**Manitoba Clean Environment Commission**  
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# **Manitoba Clean Environment Commission**

**Annual Report 2010-2011**





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**MINISTER OF CONSERVATION**

Legislative Building  
Winnipeg, Manitoba, CANADA  
R3C 0V8

His Honour  
The Honourable Philip Lee, C. M., O. M.  
Lieutenant-Governor of Manitoba  
Room 235 Legislative Building  
Winnipeg, Manitoba  
R3C 0V8

Your Honour:

The undersigned has the honour to present the Annual Report of the Clean Environment Commission detailing its activities for the fiscal year ending March 31, 2011.

Sincerely,

A handwritten signature in black ink, appearing to read "Bill Blaikie".

Bill Blaikie  
Minister



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Office of the Chairperson  
Clean Environment Commission

305 – 155 Carlton Street  
Winnipeg, MB. R3C 3H8

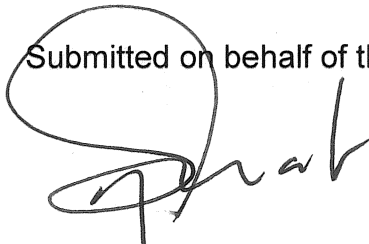
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The Honourable Bill Blaikie  
Minister of Conservation  
Room 333 Legislative Building  
Winnipeg, Manitoba  
R3C 0V8

Dear Mr. Blaikie:

Pursuant to the provisions of Section 6(10) of *The Environment Act* I am pleased to submit to you the Commission's annual report for the year ending March 31, 2011.

Submitted on behalf of the Commission.



Terry Sargeant  
Chair



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# The Manitoba Clean Environment Commission

The Minister responsible for *The Environment Act* during the 2010-2011 fiscal year was the Honourable Bill Blaikie. Commission membership consisted of a full-time Chairperson and citizen appointees. They were:

Terry Sargeant (Chairperson)

Margaret Allan

Norm Brandson (until March 2011)

Gisele Funk (until June 2010)

Kenneth Gibbons

Ian Halket

John Harvie (until August 2010)

Judy Head

John Hreno

Gerard Lecuyer

Patricia MacKay

Aurelie Mogan

Wayne Motheral

Wayne Sato

Ken Wait

Edwin Yee

Frank Young



## **Role and Responsibilities**

### **Mandate**

The Clean Environment Commission is established under *The Environment Act* (1988) to provide an avenue through which the public can participate in the decision making process regarding the environment in Manitoba. The Commission also provides advice and recommendations to the Minister and plays a role in the application of *The Contaminated Sites Remediation Act*.

Commission membership includes a full-time Chairperson and part-time Commissioners appointed by Order-in-Council. Commissioners come from a wide variety of backgrounds and disciplines as well as different regions of the province.

The Commission may engage in the following activities to assist in environmental management.

### **Public Hearings**

As part of the provincial environmental assessment process, the public is invited to submit comments and/or objections regarding a proposed project through the Public Registry. In response to valid concerns, the Minister of Conservation may request the Clean Environment Commission to convene a public hearing. During such a hearing the Commission receives representations from the project proponent, the general public-both supporters and opponents, and from various government departments. The Commission reviews the evidence and information presented at the hearing and prepares a report containing advice and recommendations for the Minister.

Upon receipt of the Commission's report, the Minister may choose to accept all or part of its recommendations but is under no legal obligation to do so. If, however the Commission's recommendations are not acted upon, or incorporated into the licence under review, written reasons must be provided by the Minister or the Department of Conservation and these must be filed in the Public Registry.

In addition to licensing matters, some environmental issues require public involvement before government policy can be developed. In these cases, the Minister of Conservation can request that the Commission convene a hearing to gather public opinion.

Manitoba Conservation has also signed onto a Canada-Manitoba Agreement on Environmental Assessment Cooperation with Environment Canada. As part of this agreement, regarding

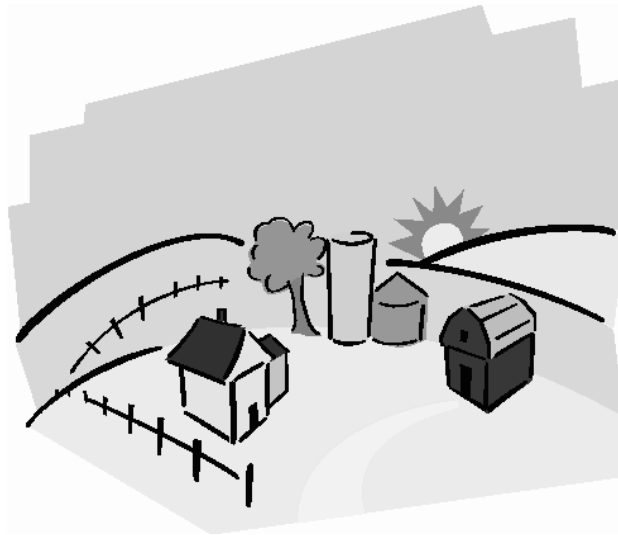
projects where there is also federal jurisdiction, a process is set out respecting joint review. Commission hearings may be used as a source of information for the federal review or there may be a joint review panel formed for specific projects. Commission members would be part of these panels.

## **Investigations**

*The Environment Act* allows the Commission to investigate any matter of environmental concern and to provide advice and recommendations to the Minister of Conservation.

## **Mediation**

The Commission can provide mediation services to parties involved in an environmental management dispute. These activities are undertaken at the request of the Minister of Conservation. The Commission reports to the Minister regarding the outcome of any mediation exercises in which it becomes involved.



## **Rôle et responsabilités**

### **Mandat**

La Commission de protection de l'environnement a été établie en vertu de la *Loi sur l'environnement* (1988) afin d'offrir un moyen au public de participer au processus décisionnel en ce qui a trait à l'environnement au Manitoba. La Commission fournit aussi des conseils et des recommandations au ministre et joue un rôle dans l'application de la *Loi sur l'assainissement des lieux contaminés*.

La Commission est composée d'un président à plein temps et de commissaires à temps partiel nommés par décret. Les commissaires représentent des disciplines et des horizons différents et viennent aussi de différentes régions de la province.

La Commission peut entreprendre les activités suivantes afin d'aider à la gestion environnementale :

### **Audiences publiques**

Dans le cadre du processus d'évaluation environnementale provinciale, on invite le public à présenter des commentaires ou des objections concernant un projet proposé par le truchement du registre public. En réponse à des préoccupations justifiées, le ministre de la Conservation peut demander à la Commission de protection de l'environnement d'organiser une audience publique. Pendant une telle audience, la Commission reçoit des observations du promoteur du projet, du grand public (partisans et opposants) et de divers ministères. La Commission examine les éléments de preuve et les renseignements présentés lors de l'audience et prépare un rapport contenant des conseils et des recommandations à l'intention du ministre.

Une fois qu'il a reçu le rapport de la Commission, le ministre peut choisir d'accepter une partie ou la totalité des recommandations, mais n'est nullement tenu de le faire en vertu de la loi. Cependant, si aucune mesure n'est prise suite aux recommandations de la Commission, ou si ces dernières ne sont pas incorporées dans la licence examinée, le ministre ou le ministère de la Conservation doit fournir des raisons écrites qui seront versées dans le registre public.

En plus des questions de licence, certaines considérations environnementales requièrent la participation du public avant qu'une politique gouvernementale puisse être élaborée. En pareil cas, le ministre de la Conservation peut demander à la Commission d'organiser une audience afin de recueillir l'opinion du public.

Conservation Manitoba a aussi signé une Entente Canada-Manitoba d'harmonisation de l'évaluation environnementale avec Environnement Canada. Dans le cadre de cette entente, lorsqu'un projet relève aussi du gouvernement fédéral, un processus est établi relativement à un examen conjoint. L'examen fédéral peut utiliser les audiences de la Commission comme source de renseignements, ou on peut créer un comité d'expertise conjoint pour des projets précis. Les membres de la Commission font alors partie de ces comités.

## **Enquêtes**

La *Loi sur l'environnement* autorise la Commission à procéder à des enquêtes à l'égard de questions portant sur l'environnement et à fournir des conseils et des recommandations au ministre de la Conservation.

## **Médiation**

La Commission peut fournir des services de médiation à des parties opposées dans un différend portant sur la gestion environnementale. Elle entreprend ces activités à la demande du ministre de la Conservation, puis lui rend compte des résultats de chaque médiation.



## Message from the Chairperson

While the year 2010-2011 was quiet on the hearing front, it did mark a significant milestone. The year 2010 was the 75<sup>th</sup> anniversary of the Clean Environment Commission and its forbears.

It was in 1935 that the Manitoba Legislature, in response to public health concerns, enacted *The Prevention of Water Pollution Control Act*, which, in turn, led to the establishment of the Provincial Sanitary Control Commission for the control of water pollution problems.

This Commission had both an oversight and management role – it was the issuer of licences. During its 33 years of operation, the Sanitary Control Commission issued 150 licences to limit individual sources of water pollution. In 1968, when the need for more broadly based environmental protection became apparent, the Provincial Sanitary Control Commission was replaced by the Clean Environment Commission – with added responsibility for protection from contamination of air and land, as well as water.

For the first 20 years of its existence, the CEC continued to be, not only an oversight body, but also the issuer of environmental licences, as well as orders in respect of environmental breaches. With the implementation of the current *Environment Act* in 1988, these roles were delegated to the Department of Conservation and the CEC became what it is to be today.

During the reporting year, the Commission completed its investigation into a licence revision requested by the Louisiana Pacific for its strandboard plant in the Swan River Valley. This is described in more detail elsewhere in this report. The report was delivered to the Minister of Conservation in August 2010.

We continued to stay abreast and investigate issues related to the release of nutrients into Manitoba waterways.

The Commission is particularly pleased to note the ongoing implementation of recommendations from past reports. In particular, the 2007 report into *Environmental Sustainability and Hog Production in Manitoba* contained a number of recommendations addressing environmental concerns, including the processes for reviewing and approving waste handling facilities. The Manitoba Government is moving steadily to implement these recommendations.

In the “Hog” report, we also recommended that a Watershed Institute be established to address the many issues surrounding watershed management. We repeated this recommendation in our 2009 report on wastewater management by the City of Winnipeg. The Province found this to be a worthy idea and committed funding to move this forward. In the past year, the University of Manitoba appointed Dr. David Lobb as the first Chair of Watershed Studies.

There were minor changes in Commission membership in this year with the resignations of Gisele Funk, Norm Brandson and John Harvie.

In the coming year, the Commission looks forward to continuing to play its role in ensuring the stewardship of the Manitoba environment.

***Terry Sargeant***

## Message du président

Alors que 2010-2011 a été calme du côté des audiences, la Commission de protection de l'environnement a franchi une étape importante car elle a célébré en 2010 le 75<sup>e</sup> anniversaire de son existence sous différentes formes.

C'était en 1935 que l'Assemblée du Manitoba, en réponse à des inquiétudes sur la santé publique, a adopté la loi intitulée *The Pollution of Waters Prevention Act* qui, par la suite, a mené à la création de la Provincial Sanitary Control Commission (Commission du contrôle sanitaire de la province) afin de contrôler les problèmes de pollution de l'eau.

Cette commission avait à la fois un rôle de surveillance et de gestion, et c'est elle qui délivrait les licences. Au cours de ses 33 années d'existence, la Commission du contrôle sanitaire a délivré 150 licences afin de limiter les sources individuelles de pollution de l'eau. En 1968, lorsque le besoin d'une protection de l'environnement plus étendue s'est manifesté, la Province a remplacé la Commission du contrôle sanitaire par la Commission de protection de l'environnement, qui avait pour responsabilité additionnelle la protection de toute contamination de l'air et du sol, en plus de l'eau.

Au cours de ses 20 premières années d'existence, la Commission de protection de l'environnement a continué non seulement d'être un organisme de surveillance, mais aussi de délivrer les licences environnementales et les ordres relatifs à la protection de l'environnement. Avec l'entrée en vigueur en 1988 de l'actuelle *Loi sur l'environnement*, ces rôles ont été délégués au ministère de la Conservation et la Commission est devenue ce qu'elle est aujourd'hui.

Au cours de l'exercice, la Commission a terminé son enquête sur une révision de licence demandée par la Louisiana Pacific pour son usine de panneaux à copeaux dans la vallée de la rivière Swan. Une description plus détaillée se trouve dans ce rapport. Le rapport a été remis au ministre de la Conservation en août 2010.

Nous avons continué de nous tenir au courant des questions liées au déversement de nutriments dans les cours d'eau du Manitoba et d'enquêter sur celles-ci.

La Commission a surtout apprécié la mise en œuvre continue de recommandations formulées dans des rapports passés. En particulier, le rapport de 2007 intitulé *Environmental Sustainability and Hog Production in Manitoba* contenait un certain nombre de recommandations répondant à des préoccupations environnementales, y compris le processus d'examen et d'approbation des installations de manutention de déchets. Le gouvernement du Manitoba s'efforce continuellement de mettre ces recommandations en œuvre.

Dans ce rapport sur la production porcine, nous avons aussi recommandé la création d'un institut de recherche sur les bassins hydrographiques afin de traiter les nombreuses questions liées à la gestion de ces bassins. Nous avons inclu cette recommandation dans notre rapport de 2009 sur la gestion des eaux résiduaires par la Ville de Winnipeg. Le gouvernement provincial a trouvé cette idée excellente et s'est engagé à accorder un financement à sa mise en œuvre. Au cours de l'année dernière, l'Université du Manitoba a nommé M. David Lobbs au poste de premier président des recherches sur les bassins hydrographiques.

Cette année, la Commission a connu quelques changements mineurs au niveau de ses membres, étant donné les démissions de M<sup>me</sup> Gisele Funk, M. Norm Brandson et M. John Harvie.

Cette année, la Commission se réjouit à l'idée de continuer à jouer son rôle qui est de veiller à la gestion de l'environnement du Manitoba.

**Terry Sargeant**

## Hearings

No hearings were requested or held in the 2010-2011 fiscal year.

## Investigations

### Louisiana Pacific Strandboard Plant Emission Controls

On March 26, 2009, the Minister of Conservation provided a reference to the Clean Environment Commission requesting it conduct an investigation into and provide advice and recommendations regarding a request by Louisiana Pacific to alter the emission control conditions of *The Environment Act* license governing the operation of the oriented strandboard plant in the Swan Valley. The request included the following terms of reference:

1. The CEC will conduct an investigation and provide advice and recommendations to the Minister regarding the potential health and environmental effects of the increased emission limits and the subsequent decommissioning of the Regenerative Thermal Oxidizer technology which is contained in Louisiana Pacific's requested license change.
2. In conducting this investigation and in providing advice and recommendations, the CEC will provide members of the public an opportunity for input regarding LP's proposal at a public meeting in the affected community.
3. As LP's current licence has a requirement for the Director of Environmental Assessment and Licencing to review the terms and conditions of the licence prior to June 1, 2009, the CEC process should begin as soon as possible, and should be completed by that date.

The increased emission limits are linked with the decommissioning of regenerative thermal oxidation (RTO) technology. The limits under review were in respect of *Environment Act* Licence Number 1900 S4 which was in effect from October 31, 1997 until January 8, 2009, when *Environment Act* Licence Number 2861 came into force.

The Commission communicated to the Minister on April 28, 2009 that due to the complexity of the issues and requirement to consult with the public it would not be able to meet the June 1, 2009 deadline.

The Commission convened a four-person panel that reviewed the relevant *Environment Act* licences, documentation provided by Louisiana-Pacific and Manitoba Conservation, along with published resources. It also commissioned a background paper on the issues under investigation, which was made available to the public prior to the public meeting, July 28 and 29, 2009 in Swan River. The panel met with representatives of Louisiana-Pacific and Manitoba Conservation and toured Louisiana-Pacific's Swan Valley Oriented Strandboard (OSB) plant. The Commission also received written submissions from the public and interested parties.

The final report was delivered to the Minister of Conservation on August 16, 2010. The report provides background information regarding air pollutants produced by OSB facilities and their potential control, the regulatory framework that addresses the emission of air pollutants to the environment, background information specific to the Swan River OSB plant, the licences under review, the proposed changes and their environmental effects. A summary of public concerns is provided as well as a section that clarifies information presented early in the review process.

The Commission panel provided 9 recommendations on licensing conditions, 6 on improvement to Manitoba's air quality policies and applications and 2 on improvements to environmental assessment.

The Commission recommended that an environmental licence be granted that would allow for the decommissioning of the RTOs with conditions on the calculation of emission limits, plant design, frequency and methods of air monitoring and placement of the monitoring sites. The panel also recommended addressing human health issues as well as the involvement of the Community Liaison Committee.

The inadequacies of Manitoba's air quality policy and applications were also addressed and again the deficiencies, as has been pointed out by the Commission since 2004 (see textboxes), in the environmental assessment process.

The Commission recommends:

10) That Manitoba Conservation establish and implement a concrete environmental assessment framework using the most appropriate regulatory tools and follow-up with a comprehensive applicant instruction manual. *An investigation into changes requested to Louisiana-Pacific Environment Act Licence, 2010.*

## Environmental Assessment

The Commission has been raising concerns over the quality of environmental assessments for much of the past decade. In its 2004 report on the Wuskwatim hearings and its 2005 report on Floodway Expansion, the Commission recommended that Manitoba:

- Enact environmental assessment legislation.
- Provide guidance for proponents, consultants, and practitioners.
- Establish protocols for best professional practice that includes cumulative effects assessment.

In its 2007 Report on the proposed Pembina Valley Water Cooperative Pipeline, the Commission recommended that Manitoba establish and require higher standards of performance in environmental assessment. To that end, the government should provide comprehensive and clear guidance for proponents, consultants, and practitioners by:

- Issuing Guidelines for projects seeking a licence under The Environment Act that are more prescriptive as to what constitutes an acceptable environmental assessment.
- Establishing protocols for best professional practice.

The current investigation has once more raised concerns about the need to ensure that applications for *Environment Act* licences and amendments to those licences are full and complete. The process was delayed because the Commission had to request that Louisiana-Pacific provide it with essential information that was not included in its initial proposal. The Commission recognizes that Louisiana-Pacific was guided by Manitoba Conservation in the decisions that were made regarding the content of its original application. The Commission also recognizes that Manitoba Conservation provided this guidance in the context of its ongoing communication with Louisiana-Pacific. The result, unfortunately, was an original application that contained a number of deficiencies.

*An investigation into changes requested to the Louisiana-Pacific Environment Act Licence, 2010.*

## Other Activities

### Administration

As no hearings took place, Commission staff spent time reviewing and updating administrative and procedural practices. Some significant changes to administrative procedures that include interaction with the department have been proposed and are awaiting government approval.

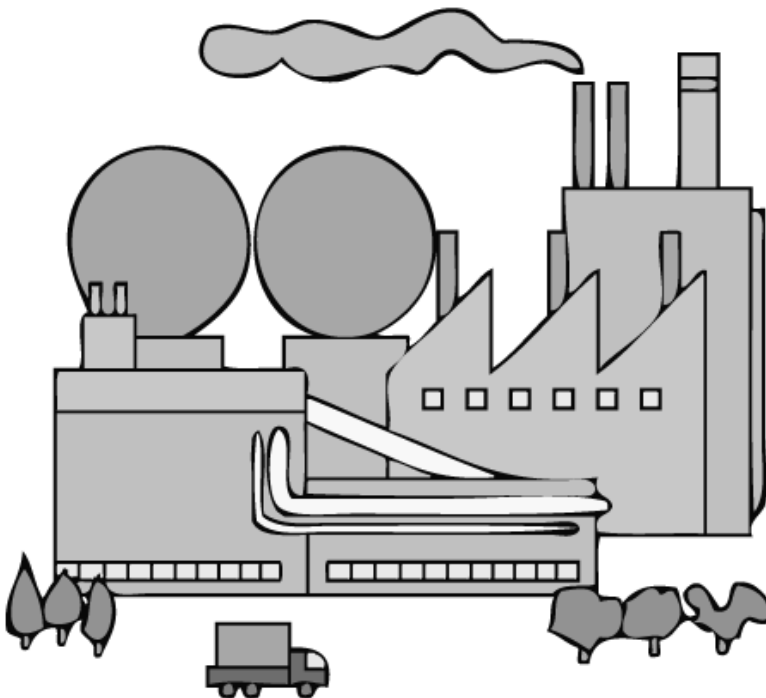
### Professional Development and Training

Commission members and staff attended workshops and conferences that provided professional development in the area of tribunals and hearings, environmental assessments and current environmental topics and issues. Examples of the workshops and conferences included: 26<sup>th</sup> Annual Canadian Council on Administrative Tribunals Conference, Manitoba Council of Administrative Tribunals (MCAT) Fifth Annual Conference, Supreme Court Justice Rothstein

presentation, Manitoba Director Training and Board Development Program, the 13<sup>th</sup> North American Caribou Conference 2010, Lake Winnipeg Summit and Red Zone II and Canadian Water Resources Association Conference Tools and Technology for Managing Water in Prairie and Northern Regions. Additional luncheon, special sessions and courses on environmental and public policy related issues, sponsored by a number of different organizations, were also attended throughout the year.

## **Communications**

The public increasingly receives information regarding the operation of the Clean Environment Commission, information on specific hearings, investigations and issues, as well as the resulting reports, from the website ([www.cecmanitoba.ca](http://www.cecmanitoba.ca)). This has allowed the Commission to decrease the number of reports and other materials that need to be printed, improving our environmental sustainability. Improvements in in-office technology has also allowed for easy scanning and posting of historical reports, previously only available in printed form. Actions are now under way to determine how to effectively incorporate social media into the Commission's information provision activities in order to reach a larger audience that crosses all demographics.



## **Manitoba Clean Environment Commission Publications**

*Copies of all Commission reports are available from the Commission office upon request and are also available on the website [www.cecmanitoba.ca](http://www.cecmanitoba.ca).*

Preliminary Report on Contamination of Underground Water Sources by Refined Petroleum Products (1975)

Report on the Investigation of the Pollution of Underground Water by Refined Petroleum Products (1975)

Report on the Investigation of Smoke Problems Encountered in Southern Manitoba in 1976 (1977)

Report on an Investigation of Intensive Livestock Production Operations in Manitoba (1979)

Report on a Proposal Concerning Surface Water Quality Objectives and Stream Classification for the Province of Manitoba (1979)

Report on a Proposal for the Classification of Manitoba's Surface Water Souris River Principal Watershed Division (1980)

Report on Red River Waters (Proposed Classification of Surface Water Quality In Manitoba's Red River Principal Watershed Division and Certain Red River Tributaries) (1980)

Report on Proposed Classification of Surface Water Quality in Manitoba's Grass-Burntwood Rivers Principal Watershed Division (1981)

Report on a Proposal for the Classification of Manitoba's Surface Water Red River Principal Watershed Division (1981)

Report on a Proposal for the Classification of Manitoba's Surface Water Grass-Burntwood Rivers Principal Watershed Division (1982)

Report on Mosquito Control Programs in Manitoba (1982)

Report on Environmental Land Use Conflict - Balmoral, Manitoba (1983)

Report on Hazardous and Special Wastes Stage 1 of Phase 1 of Program (1983 & 1984)

Report on the Review of the Plan for the Rehabilitation of the Site of the Domtar Inc. Former Wood Preserving Plant, Transcona, Manitoba (1984)

Report on Manitoba Hazardous Waste Management Program (Volume 1) (1987)

Report on Manitoba Hazardous Waste Management Program (Volume 2) (1987)

Report on the Draft Regulation Respecting Atmospheric Emissions of Sulphur Dioxide and Particulates From Inco Limited in Thompson and HBM & S Co. Limited in Flin Flon (1987)

Report on Investigation of Smoke Problems from Agricultural Crop Residue and Peatland Burning (1987)

Report on Netley Creek Golf Course Development Proposal (1988)

Report on Burns Rendering Plant, Brandon, Review of the Environment Department Licence Regulating the Operation of and Emissions from the Plant (1988)

Report on Village of Shoal Lake Sewage Lagoon Proposal (1988)

Report on Puffy Lake Gold Mine (1988)

Report on Bonne Homme Colony Farms, Rural Municipality of Westbourne (1988)

Report on Upland Colony Farms Sewage Lagoon System (1988)

Report on Precise-To-Form Castings Inc. Investment Casting Foundry Operation (1988)

Report on McCain Foods Limited, Portage la Prairie (1988)

Preliminary Report on a Proposal by Canamax Resources Inc. for the Development of a Potash Mine at Russell, Manitoba (1988)

Final Report on a Proposal by Canamax Resources Inc. for the Development of a Potash Mine at Russell, Manitoba (1989)

Report on Clearwater Lake Watershed Basin Surface Water Quality Classification (1989)

Report on Shell Prairie Inn and Gas Station Wastewater Treatment and Disposal System (1989)

Report on Westlake Regional Water Supply Proposal (1989)

Report on City of Portage la Prairie Sewage Sludge Disposal Project (1989)

Report on North Duck River Headwater Storage Project (1989)

Report on Town of Beausejour Sewage Lagoon Expansion (1989)

Report on COJEF Limited Burning Site (1989)

Report on Deago Properties Sewage Treatment Plant (1989)

Report on Rural Municipality of Rhineland/Town of Altona Liquid Waste Holding Ponds for C.S.P. Foods Ltd. (1989)

Report on Namew Lake Mine/Mill (1989)

Report on Provincial Road #340 Class 2 Highway Relocation Project (1989)

Report on Repap Manitoba Inc. Phase I Modification and Expansion of the Manfor Complex (1989)

Report on Norquay Holding Company Sewage Lagoon (1989)

Report on Airport Holding Co. Ltd. Domestic Wastewater Treatment Lagoon (1990)

Report on Rural Municipality of Portage la Prairie Liquid Waste Disposal Facility (1990)

Report on Highway Gardens Ltd. Variation to Licence #391 (1990)

Report on Whiteshell Colony Farms Ltd. Domestic Waste-water Treatment Lagoon (1990)

Report on Pelican Lake Enhancement Project (1990)

Report on Village of St. Claude Sewage Lagoon and Discharge Route (1990)

Report on Ducks Unlimited Canada Oak Hammock Marsh Conservation Centre/Office Proposal (1990)

Report on Meadow Materials (Dow Corning Silicon Energy Systems, Inc.) Pilot Plant (1990)

Report on Beausejour Auto Wrecking Continuing Operation (1991)

Report on Hudson Bay Mining & Smelting Co. Ltd. Namew Lake Mine/Mill - A Review (1991)

Report on Abitibi-Price Inc. FML #01 Forest Resource Management Plan 1991 - 1998 (1992)

Report on Application of Water Quality Objectives for the Watershed Classification of the Red and Assiniboine Rivers and Tributaries Within and Downstream of the City of Winnipeg (1992)

Report on General Scrap & Car Shredder Ltd. Review of Environment Act Licence 898VC (1992)

Report on Manitoba Hazardous Waste Management Corporation Central Hazardous Waste Management Facility Licence Application (1992)

Rapport Sur Les Audiences Publiques: Demande De Permis Relative À Un Centre de Gestion Des Déchets Dangereux Présentée Par La Corporation Manitobaine De Gestion Des Déchets Dangereux (1992)

Report on Good Hope Holding Company Ltd. Wastewater Treatment Lagoon, Rural Municipality of Portage la Prairie (1992)

Report on the Rural Municipality of Rhineland and The Town of Altona Regarding Ongoing Disposal Practices for Soap-stock and Bleaching Clay Generated by CanAmera Foods Ltd. (1992)

Report on Public Hearings: City of Winnipeg - Deacon Reservoir Expansion, Rural Municipality of Springfield (1993)

Report on Public Hearings: Village of Teulon - Wastewater Stabilization Pond and Pipeline, Rural Municipality of Rockwood (1994)

Report on Public Hearings: Pembina Valley Water Cooperative Inc. Regional Water Supply Proposal (1994)

Report on Public Hearings: Louisiana-Pacific Corporation Oriented Strand Board Plant, Rural Municipality of Minitonas (1994)

Report on Public Hearings: Asessippi Ski Hil Project, Rural Municipality of Shellmouth (1995)

Report on Public Hearings: Solid Waste Management - Capital Region (1995)

Rapport Sur Les Audiences Publiques: Concernant La Gestion Des Déchets Solides Dans La Région De La Capitale (1995)

Report on Public Hearings: Browning Ferris Industries (BFI) Waste Systems Inc. Integrated Waste Management Facility, Rural Municipality of Rosser (1995)

Report on Public Hearings: Louisiana-Pacific Canada Ltd. Ten Year Forest Management Plan 1996-2005 (1996)

Report on Public Hearings: Tolko Manitoba Inc. - Forest Management Plan 1997-2009 (1997)

Report on Public Hearings: Town of Carman Abatement Project – Linear Grain Inc. – Anhydrous Ammonia Storage Tank Relocation (1999)

Manitoba and Climate Change: A Primer (2001)

Workshop Report: Review of Electric and Magnetic Fields (EMFs) (2001)

Report on Public Hearings: Simplot Canada Ltd. Potato Processing Plant, Portage la Prairie/City of Portage la Prairie Water Pollution Control Facility (2002)

Report to the Government of Manitoba on Public Meetings: Flood Protection Options for the City of Winnipeg (2002)

Rapport au gouvernement du Manitoba sur les audiences publiques relatives aux solutions en matière de protection contre les inondations pour la ville de Winnipeg (2002)

Report to the Minister of Conservation on Public Meetings: Draft Environmental Impact Statement Guidelines for the Wuskwatim Generation and Transmission Projects (2002)

Interim Report on Public Hearings: City of Winnipeg Wastewater Collection and Treatment Systems – “Sewage Spill” (2003)

Better Treatment – “Taking Action to Improve Water Quality”. Report on Public Hearing: City of Winnipeg Wastewater Collection and Treatment System (2003)

Report on Public Hearings: City of Brandon Industrial Wastewater Treatment Facility Expansion and Maple Leaf Foods Inc. Hog Processing Plant Alteration (2003)

Report on Public Hearings: Rural Municipality of Brokenhead (Garson, Tyndall, and Henryville) Water/Sewer Infrastructure Project (2003)

Report on Public Hearings: Wuskwatim Generation and Transmission Projects (2004)

Summary of Public Hearing: Wuskwatim Generation and Transmission Projects (2004) (also available in Cree).

Report on Public Hearing: Red River Floodway Expansion (2005).

Participants’ Handbook. (2005).

Participate in an Environmental Hearing. (2005). Brochure.

Report on Public Hearing: Pembina Valley Water Cooperative, Supplemental Groundwater Supply System. (2007).

Environmental Sustainability and Hog Production in Manitoba. (2007).

An investigation into nutrient reduction and ammonia treatment at the City of Winnipeg's wastewater treatment facilities. (2009)

An investigation into changes requested to Louisiana-Pacific Environment Act Licence. (2010)







