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ANNUAL REPORT  
RAPPORT ANNUEL

Manitoba Conservation  
and Climate

Conservation et  
Climat Manitoba

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**MINISTER OF  
CONSERVATION AND CLIMATE**

Legislative Building  
Winnipeg, Manitoba, CANADA  
R3C 0V8

Her Honour the Honourable Janice C. Filmon, C.M., O.M.  
Lieutenant Governor of Manitoba  
Room 235 Legislative Building  
Winnipeg, Manitoba R3C 0V8

May It Please Your Honour:

It is my privilege to present you the annual report of Manitoba Conservation and Climate for the fiscal year ending March 31, 2021.

This report highlights the department's achievements as it relates to its strategic objectives, emphasizing its approach to sustainably managing and protecting the province's environment and rich biodiversity while also meeting the social and economic needs of Manitobans. This report further demonstrates not only our commitment to a healthy environment, but also to protecting the health of Manitobans by supporting local communities, industry and services that help us adapt to our changing climate.

This report reflects on our work with the public, Indigenous communities, other governments and stakeholders to make Manitoba the cleanest, greenest and most climate resilient province in Canada.

Respectfully submitted,

Original signed by

Sarah Guillemard  
Minister





**MINISTRE DE  
LA CONSERVATION ET DU CLIMAT**

Palais législatif  
Winnipeg (Manitoba) Canada  
R3C 0V8

Son Honneur l'honorable Janice C. Filmon, C.M., O.M.  
Lieutenante-gouverneure du Manitoba  
Palais législatif, bureau 235  
Winnipeg (Manitoba) R3C 0V8

Madame la Lieutenante-Gouverneure,

J'ai l'honneur de vous présenter le rapport annuel du ministère de la Conservation et du Climat du Manitoba pour l'exercice terminé le 31 mars 2021.

Ce rapport souligne les réalisations du ministère au regard de ses objectifs stratégiques, et met l'accent sur l'approche qu'il préconise pour gérer et protéger de façon durable l'environnement et la richesse de la biodiversité de la province, tout en répondant aux besoins sociaux et économiques des Manitobains. Le rapport fait ressortir aussi non seulement notre engagement en faveur d'un environnement sain, mais aussi envers la protection de la santé des Manitobains en soutenant les collectivités locales, l'industrie et les services qui nous aident à nous adapter à notre climat changeant.

Le rapport rend compte de notre travail avec le public, les communautés autochtones, les autres gouvernements et les parties intéressées pour faire du Manitoba la province la plus propre, la plus verte et la plus résiliente au changement climatique du Canada.

Je vous prie d'agréer, Madame la Lieutenante-Gouverneure, l'expression de mon profond respect.

La ministre,

Original signé par

Sarah Guillemard





**Conservation and Climate**

**Deputy Minister**

Room 350 Legislative Building

Winnipeg MB R3C 0V8

T 204-945-3785

[dmcc@leg.gov.mb.ca](mailto:dmcc@leg.gov.mb.ca)

Honourable Sarah Guillemard  
Minister of Conservation and Climate  
Room 344 Legislative Building  
Winnipeg, MB R3C 0V8

Dear Minister:

I am pleased to present you with the annual report of Manitoba Conservation and Climate for the year ending March 31, 2021.

This report emphasizes the department's programs and activities over the past fiscal year, and demonstrates our achievements toward protecting Manitoba's environment for generations to come. Our focus on strategic priorities continues to drive our day-to-day operations, and this report highlights our performance results in delivering effective services for Manitobans.

As we look forward to the next year, we are committed to building on our successes and continuing to create a prosperous and environmentally conscious economy.

Sincerely,

original signed by

Jan Forster  
Deputy Minister





**Conservation et Climat**

**Sous-ministre**

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Madame Sarah Guillemard  
Ministre de la Conservation et du Climat  
Palais législatif, bureau 344  
Winnipeg (Manitoba) R3C 0V8

Madame la Ministre,

J'ai le privilège de vous présenter le rapport annuel du ministère de la Conservation et du Climat du Manitoba pour l'exercice terminé le 31 mars 2021.

Ce rapport rend compte des programmes et des activités du ministère au cours du dernier exercice, ainsi que de nos réalisations en vue de protéger l'environnement du Manitoba pour les générations à venir. L'accent que nous mettons sur les priorités stratégiques continue de guider nos activités quotidiennes et ce rapport démontre notre capacité à offrir des services efficaces aux Manitobains.

En ce qui concerne l'année qui vient, nous nous engageons à tirer parti de nos réussites pour continuer à gérer de manière durable nos ressources naturelles et garantir une économie prospère respectueuse de l'environnement.

Veillez agréer, Madame la Ministre, mes sincères salutations.

Original signé par

Jan Forster  
Sous-ministre



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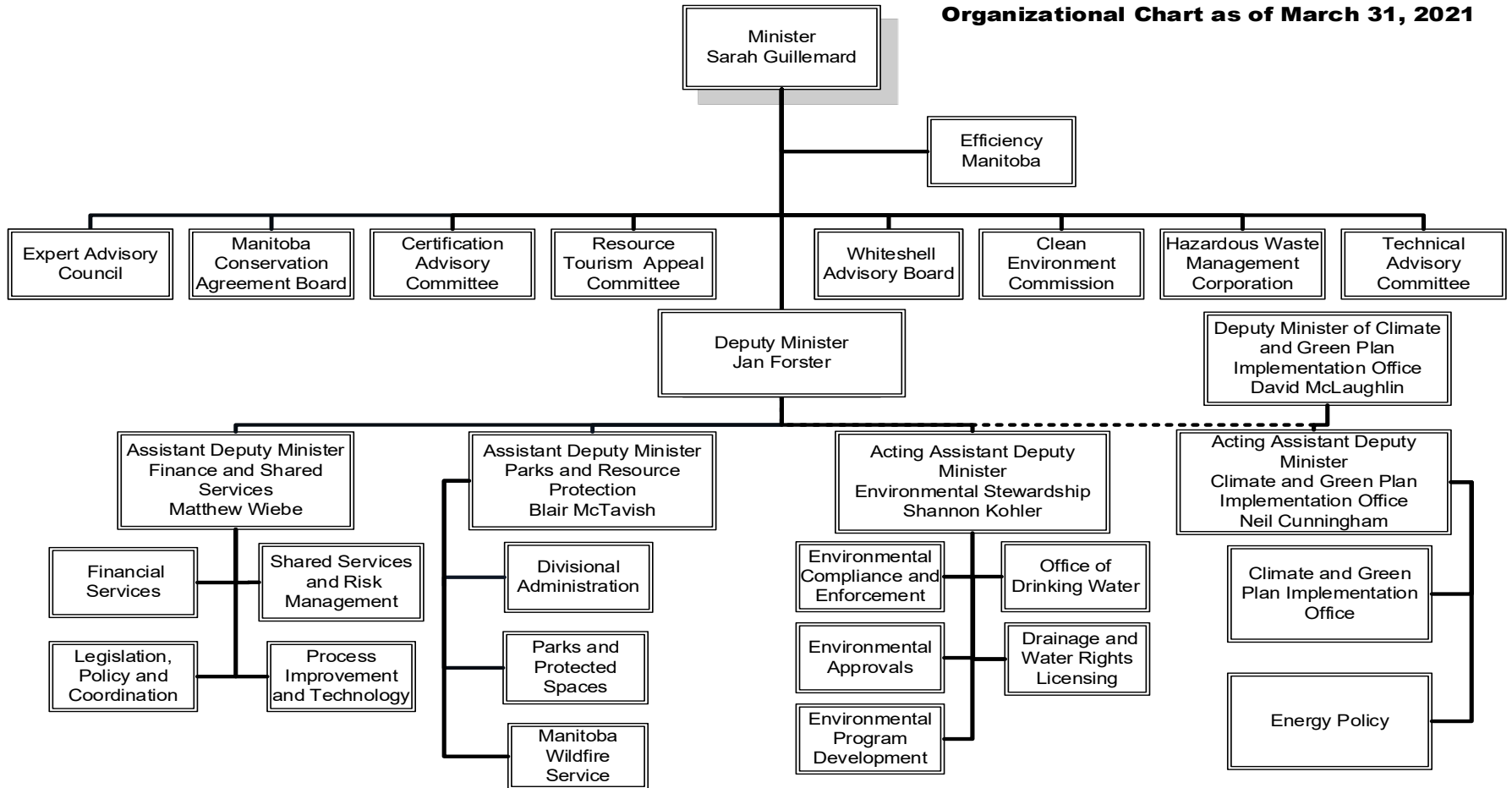
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# Organization Chart

## Manitoba Conservation and Climate Organizational Chart as of March 31, 2021



# Preface

## Report Structure

This annual report is organized in accordance with the department's appropriation structure, which reflects the department's authorized votes approved by the Legislative Assembly. The report includes information at the main and sub-appropriation levels relating to the department's objectives, actual results achieved, financial performance and variances, and provides a five year historical table of departmental expenditures and staffing. Expenditures and revenue variance explanations previously contained in the Public Accounts of Manitoba are now provided in this annual report.

In the financial tables throughout this report, "Authority" represents the authorized votes approved by the Legislative Assembly. The authorized votes includes both the Estimates of Expenditure and any Supplementary Estimates approved during the year. In addition, the "Authority" has been adjusted to include approved allocations from Enabling Appropriations and Main Appropriation virement transfers between appropriations within the department. For a full reconciliation of the Printed Estimates of Expenditure to the Authority please see the Expense Summary by Appropriation report in the Report on the Estimates of Expenditure and Supplementary Information.

## Vision and Mission

Conservation and Climate's vision is to sustainably manage resources and protect the province's environment and rich biodiversity of natural resources by working cooperatively with the public, Indigenous communities, governments, stakeholders, and other agencies, striking a balance between protecting the integrity of the environment and meeting the social and economic needs of Manitobans.

The department carries out its vision and mission through:

- development and administration of legislation and regulations pertaining to natural resources, environment, pollution prevention, and climate change;
- monitoring and allocating sustainable natural resource uses;
- ensuring environmental protection by leading the review, assessment, approval, licensing and appeals processes for development activities;
- managing and monitoring environmental and water quality;
- administration of grant funding programs to support departmental and government priorities; and,

- respecting and upholding the honour of the Crown with respect to the rights of Indigenous peoples and reconciling relationships.

Conservation and Climate ensures compliance with legislation through education, voluntary action, negotiation, audit and enforcement. The department contributes to the economic development and well-being of Manitobans through managing commercial use of natural resources; providing recreational, land, water and resource based opportunities; and supporting community initiatives through grant funding programs. The department is responsible for ensuring the sustainability of natural resources for all Manitobans, and for the continuance of the rights of Indigenous peoples. The department also protects people, property, and resource values from wildfires and the adverse effects of other natural and human caused occurrences.

The Government of Manitoba established the Climate and Green Plan Implementation Office (CGPIO) to ensure delivery of the Made-in-Manitoba Climate and Green Plan. The office reports centrally to a management committee of the Clerk of the Executive Council. This reporting structure establishes and maintains a whole-of-government approach on the comprehensive plan.

# Préface

## Structure du rapport

Le rapport annuel suit la structure des crédits du ministère, qui reflète les crédits autorisés approuvés par l'Assemblée législative. Il comprend des renseignements sur les objectifs du ministère, sur les résultats obtenus ainsi que sur le rendement et les écarts financiers pour les crédits principaux et les sous-crédits. On y trouve également un tableau récapitulatif des dépenses et de la dotation du ministère pour les cinq dernières années. Les explications des écarts en matière de dépenses et de recettes auparavant contenues dans les comptes publics du Manitoba sont maintenant présentées dans le rapport annuel.

Dans les tableaux financiers figurant dans le présent rapport, « Autorité » représente les votes autorisés approuvés par l'Assemblée législative. Les votes autorisés incluent le Budget des dépenses et tous budgets des dépenses supplémentaires approuvés au cours de l'année. De plus, le terme « Autorité » a été ajusté pour inclure les allocations issues des Crédits d'autorisation et les virements des crédits du Budget des dépenses entre divers postes du ministère. Pour un rapprochement complet entre la version imprimée du Budget des dépenses et l'Autorité, veuillez consulter le rapport sur le Sommaire des dépenses par affectation budgétaire du Rapport sur le budget des dépenses et renseignements supplémentaires.

## Vision et mission

Le ministère de la Conservation et du Climat a pour vision de gérer les ressources et de protéger de façon durable l'environnement de la province et la riche biodiversité de ses ressources naturelles. Il travaille donc en collaboration avec le public, les communautés autochtones, les gouvernements, les parties intéressées et d'autres organismes afin de trouver un équilibre entre, d'une part, la protection de l'intégrité de l'environnement et, d'autre part, la satisfaction des besoins sociaux et économiques de la population manitobaine.

Pour remplir sa vision et sa mission, le ministère s'acquitte des fonctions suivantes :

- élaborer et administrer les lois et règlements touchant les ressources naturelles, l'environnement, la prévention de la pollution et le changement climatique;
- encadrer et répartir l'utilisation durable des ressources naturelles;
- protéger l'environnement en dirigeant les processus d'examen, d'évaluation, d'approbation, d'autorisation et d'appel liés aux activités d'aménagement;
- gérer et surveiller la qualité de l'environnement et de l'eau;
- administrer des programmes de subventions en appui aux priorités ministérielles et gouvernementales;

- respecter et préserver l'honneur de l'État pour ce qui est des droits des Autochtones et de la réconciliation des relations.

Le ministère veille au respect des lois par des mesures d'éducation, de volontariat, de négociation, d'audit et d'application de la loi. Il contribue au développement économique et au bien-être des Manitobains en gérant l'utilisation commerciale des ressources naturelles, en offrant des possibilités axées sur les loisirs, les terres, l'eau et les ressources et en soutenant des initiatives communautaires par l'entremise de programmes de subventions. Il veille à la durabilité des ressources naturelles pour tous les Manitobains et au maintien des droits des Autochtones. Il protège également les personnes, les biens et les ressources contre les incendies échappés et les effets néfastes d'autres événements d'origine naturelle ou humaine.

Le gouvernement du Manitoba a créé le Bureau de mise en œuvre du Plan vert et climatique pour veiller à l'exécution du plan. Le bureau relève d'un comité de gestion du greffier du Conseil exécutif. Cette structure hiérarchique permet d'établir et de maintenir une approche pangouvernementale pour l'ensemble du plan.

## Highlights

### In 2020/21, the department activities and achievements included:

- Successfully implemented the Manitoba elicensing system on April 7, 2020. This new elicensing system has improved convenience by allowing Manitobans to access their licences and permits online, and avoid in-person transactions during the COVID-19 pandemic. This new elicensing system also improves data collection and compliance and enforcement capabilities of Conservation Officers, while reducing Manitoba's environmental carbon footprint.
- Launched the Efficient Trucking Program, a financial incentive to assist heavy equipment owners to install fuel saving devices on their trucks and trailers. This program saw over 2,474 units retrofitted with new equipment such as low rolling resistance tires, anti-idling devices and tools to improve aerodynamics. The program is funded in partnership with Environment and Climate Change Canada through the Low Carbon Economy Fund.
- At the start of 2021, Manitoba increased the renewable fuel content in gasoline to 9.25 per cent and in diesel to 3.5 per cent. These increases were recommended by the Expert Advisory Council and are the result of input from more than one hundred stakeholder organizations.
- Launched the new Conservation and Climate Fund, and awarded \$600,000 to eight organizations to support green initiatives. This is nearly double the funding awarded from this fund last year. Projects focused on sustainable food production; community composting; clean energy; active transportation; climate adaptation of wetlands; and nutrient reduction in the Lake Winnipeg Basin. The new fund also modernized the grant application processes for non-profit organizations, made businesses eligible to apply and facilitated more results-oriented projects.
- With joint funding from Natural Resources Canada, Manitoba Conservation and Climate launched the Climate Resilience Training Project. This initiative serves to develop and deliver a comprehensive package of training and capacity building programs to advance climate adaptation planning and sustainable economic recovery among targeted sectors.
- Approved a new industry-funded stewardship program that provides safe disposal options for household medical sharps, making Manitoba the third province to implement a regulated stewardship program for these products. This program helps ensure household medical sharps are disposed of properly, without harm to human health or the environment.
- Coordinated efforts across government to implement measures to achieve the Carbon Savings Account (CSA) emission reduction target for 2018 to 2022, and began evaluating emission reduction pathways to inform a CSA target for the 2023-2027 period.
- Installed mobility mats to improve accessibility and wheelchair access to provincial park beaches at Clearwater, Spruce Woods, Lundar Beach, Winnipeg Beach and Falcon Lake (Whiteshell) Provincial Parks.
- Conducted public and stakeholder engagement on the development of the Provincial Trails Strategy.

- New playgrounds were completed in Grass River (Gyles Campground), Whiteshell (Brereton Lake), Turtle Mountain (Adam Lake), Hecla Grindstone, Moose Lake and Grand Beach Provincial Parks. All structures provide some level of accessibility while the Grand Beach installation focuses on creating a larger inclusive structure.
- Worked with Manitoba Health and Seniors Care and other partners to adopt and implement new provincial standards for lead, manganese, and total microcystins in drinking water. A number of new operational guidelines for water system operators were posted on the department website, including guidelines on monitoring for manganese and total microcystins in drinking water.
- Collaborated with Skownan First Nation on working towards achieving their successful Challenge Fund goals to expand the protection of Chitek Lake Anishinaabe Provincial Park. The project is Indigenous-led and will conserve biodiversity, protect species at risk, and enhance the ecological integrity, connectivity and size of Manitoba's protected areas network. It will also create jobs and support local economies.
- On April 1, 2020, Manitoba's newest Crown corporation, Efficiency Manitoba, officially commenced operations and implementation activities associated with its 2020-2023 Efficiency Plan. The Minister of Conservation and Climate approved the corporation's three-year plan, which includes a wide range of demand-side management programs and services for residential, Indigenous, income-qualified, commercial, institutional, industrial and agricultural customers. The government-mandated targets set in The Efficiency Manitoba Act require an annual energy savings average of 1.5 per cent of electric load and 0.75 per cent of natural gas load.

The department will continue to pursue these, and other initiatives of a similar nature.

## Points saillants

### Aperçu des activités et des réalisations du ministère en 2020-2021 :

- Mise en œuvre réussie du système de délivrance de permis électroniques du Manitoba le 7 avril 2020. Ce nouveau système de délivrance de permis électroniques est plus pratique, car il permet aux Manitobains d'obtenir leurs licences et permis en ligne et d'éviter les transactions en personne pendant la pandémie de COVID-19. Le système améliore aussi la collecte des données et la capacité des agents de conservation de se conformer et de faire respecter la loi, tout en réduisant l'empreinte carbone du Manitoba.
- Lancement du programme d'efficacité énergétique pour le camionnage, une incitation financière pour aider les propriétaires d'équipements lourds à installer des dispositifs d'économie de carburant sur leurs camions et remorques. Ce programme a permis l'installation de nouvel équipement sur au moins 2 474 véhicules, comme des pneus à faible résistance au roulement, des commandes de marche au ralenti et des dispositifs qui améliorent l'aérodynamisme. Le programme est financé en partenariat avec Environnement et Changement climatique Canada, à même le Fonds pour une économie à faibles émissions de carbone.
- Au début de 2021, le Manitoba a augmenté le contenu de carburant renouvelable à 9,25 pour cent dans l'essence et à 3,5 pour cent dans le diesel. Ces augmentations étaient recommandées par le conseil consultatif d'experts à la suite des commentaires de plus d'une centaine d'organismes intéressés.
- Lancement du nouveau Fonds pour la conservation et le climat et remise de 600 000 \$ à huit organismes pour soutenir des initiatives vertes. C'est près du double du financement provenant de ce fonds l'an dernier. Les projets portaient sur la durabilité de la production alimentaire, le compostage communautaire, l'énergie propre, le transport actif, l'adaptation au climat des terres humides et la réduction des éléments nutritifs dans le bassin du lac Winnipeg. Le nouveau fonds modernise aussi les processus de demande de subvention des organismes sans but lucratif, permet aux entreprises admissibles de présenter une demande et facilite davantage de projets axés sur les résultats.
- Dans le cadre d'un financement conjoint avec Ressources naturelles Canada, Conservation et Climat Manitoba a lancé le projet de formation sur la résilience climatique. Cette initiative vise à élaborer et à fournir un ensemble complet de programmes de formation et de renforcement des capacités pour faire progresser la planification de l'adaptation au climat et la reprise économique durable dans les secteurs ciblés.
- Approbation d'un nouveau programme de gestion financé par l'industrie qui propose des façons sûres d'éliminer les objets tranchants à usage médical des foyers. Le Manitoba devient ainsi la troisième province à mettre en œuvre un programme de gestion réglementé de ces produits. Ce programme contribue à garantir que les objets tranchants à usage médical sont éliminés des foyers de manière appropriée, sans nuire à la santé humaine ou à l'environnement.



- Coordination des efforts déployés dans l'ensemble du gouvernement pour mettre en œuvre des mesures visant à atteindre l'objectif de réduction des émissions du compte d'épargne carbone pour la période 2018-2022, et début de l'évaluation des projections de réduction des émissions en vue de définir l'objectif du compte d'épargne carbone pour la période 2023-2027.
- Installation de tapis d'accès pour améliorer l'accessibilité et l'accès en fauteuil roulant aux plages des parcs provinciaux du lac Clearwater, de Spruce Woods, de la plage Lundar, de Winnipeg Beach et du Whiteshell (lac Falcon).
- Consultation du public et des parties intéressées concernant la mise en œuvre de la Stratégie pour les sentiers du Manitoba.
- Aménagement de nouveaux terrains de jeu dans les parcs provinciaux de la rivière Grass (camping du lac Gyles), du Whiteshell (lac Brereton), de Turtle Mountain (lac Adam), d'Hecla Grindstone, du lac Moose et de Grand Beach. Toutes les installations offrent un certain niveau d'accessibilité, tandis que celles de Grand Beach visent un aménagement inclusif accru.
- Collaboration avec le ministère de la Santé et des Soins aux personnes âgées et d'autres partenaires à l'adoption et à la mise en œuvre de nouvelles normes provinciales s'appliquant au plomb, au manganèse et aux microcystines totales dans l'eau potable. Un certain nombre de nouvelles directives opérationnelles destinées aux exploitants des réseaux d'alimentation en eau a été publié sur le site Web du ministère, y compris des directives relatives à la surveillance du manganèse et des microcystines totales dans l'eau potable.
- Collaboration avec la Première nation de Skownan dans le cadre de sa demande au fonds Défi, qui a été acceptée, afin d'étendre la protection du parc provincial Anishinaabe du Lac-Chitek. Ce projet dirigé par les Autochtones préservera la biodiversité, protégera les espèces à risque et augmentera l'intégrité écologique, la connectivité et l'étendue du réseau des aires protégées du Manitoba. Il créera aussi des emplois et soutiendra l'économie locale.
- Le 1<sup>er</sup> avril 2020, Efficacité Manitoba, la nouvelle société d'État, est devenue officiellement opérationnelle en se lançant dans des activités de mise en œuvre associées à son plan d'efficacité pour la période 2020-2023. La ministre de la Conservation et du Climat a approuvé le plan triennal de la société, qui propose une gamme élargie de programmes et services de gestion de la demande pour les clients résidentiels, autochtones, qualifiés en fonction de leur revenu, commerciaux, institutionnels, industriels et agricoles. Les objectifs d'économie annuelle fixés par le gouvernement qui sont énoncés dans la Loi sur la Société pour l'efficacité énergétique au Manitoba s'établissent à 1,5 pour cent de la consommation d'énergie électrique et à 0,75 pour cent de la consommation de gaz naturel.

Le ministère poursuivra ces initiatives, ainsi que d'autres initiatives de même nature.

## Statutory Responsibilities

Manitoba Conservation and Climate is responsible for providing a wide range of central support services to government programs. Services fall under the general categories of central supply and property services. The department operates under the authority of the following acts of the Continuing Consolidated Statutes of Manitoba:

**The Biofuels Act**, C.C.S.M., chapter B40

**The Climate and Green Plan Act**, C.C.S.M., chapter C134

**The Contaminated Sites Remediation Act**, C.C.S.M., chapter C 205

**The Crown Corporations Governance and Accountability Act**

[as it relates to Efficiency Manitoba], C.C.S.M., chapter C336

**The Dangerous Goods Handling and Transportation Act**, C.C.S.M., chapter D 12

**The Drinking Water Safety Act**, C.C.S.M., chapter D 101

**The East Side Traditional Lands Planning and Special Protected Areas Act**, C.C.S.M., chapter E 3

**The Ecological Reserves Act**, C.C.S.M., chapter E 5

**The Efficiency Manitoba Act**, C.C.S.M., chapter E 15

**The Energy Act**, C.C.S.M., chapter E112

**The Environment Act**, C.C.S.M., chapter E 125

**The Gas Pipeline Act**, C.C.S.M., chapter G50

**The Gas Allocation Act**, C.C.S.M., chapter G52

**The Manitoba Hazardous Waste Management Corporation Act**, C.C.S.M., chapter H 15

**The International Peace Garden Act**, C.C.S.M., chapter I 70

**The Ozone Depleting Substances Act**, C.C.S.M., chapter O 80

**The Provincial Parks Act**, C.C.S.M., chapter P 20

[except section 16, subsection 21(1), sections 22 and 30, clauses 32(b), (f), (i), (j) and (k), 33(u) and sub-section 34(1), and the Debt Certificate Regulation M.R. 140/96]

**The Pimachiowin Aki World Heritage Fund Act**, C.C.S.M., chapter P 70

**The High-Level Radioactive Waste Act**, C.C.S.M., chapter R 10

**The Renewable Energy Jobs Act**, C.C.S.M., chapter R85

**The Resource Tourism Operators Act**, C.C.S.M., chapter R 119.5

**The Upper Fort Garry Heritage Provincial Park Act**, C.C.S.M., chapter U 80

**The Waste Reduction and Prevention Act**, C.C.S.M., chapter W 40

**The Water Power Act**, C.C.S.M., chapter W60 [except as it relates to the planning, construction or operation of provincial water control works]

**The Water Rights Act**, C.C.S.M., chapter W80

[except as it relates to the planning, construction or operation of provincial water control works]

**The Wildfires Act**, C.C.S.M., chapter W 128

As per Schedule "E", Order in Council 4/2021 and Order in Council 66/2021.

In addition, policies specific to departmental programs are documented in the General Manual of Administration and various Manitoba government catalogues and publications.

## FINANCE AND SHARED SERVICES

The Finance and Shared Services division provides executive management of programs and management services, including financial, information services, administrative support, a comptrollership function for the department, planning and policy development, and related programs and facilitation of the engagement of Indigenous people in the department's activities.

### Minister's Salary

The sub-appropriation provides the Minister with additional compensation to which an individual appointed to Executive Council is entitled.

**Table AF.1**  
**12.1(a) Minister's Salary**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	42	1.00	42	0	
<b>Total 12.1(a)</b>	<b>42</b>	<b>1.00</b>	<b>42</b>	<b>0</b>	

### Executive Support

This area includes support staff in the offices of the Minister and Deputy Minister of Conservation and Climate.

The purpose of Executive Support is to develop, implement and oversee policies and programs designed to attain, over the long term, the goals and mandates set for the government and the department; advise the Minister on matters relating to the department; provide policy direction for departmental programs; coordinate departmental communications, activities, and initiatives; and provide administrative support for the offices of the Minister and Deputy Minister.

**Table AF.2**  
**12.1(b) Executive Support**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	713	8.00	691	22	
Other Expenditures	50		182	(132)	
<b>Total 12.1(b)</b>	<b>763</b>	<b>8.00</b>	<b>873</b>	<b>(110)</b>	<b>1.</b>

1. Under-expenditure due to reduced general operating expenditures.

## **Administration and Financial Services**

In 2020/21 the Administration and Financial Services is comprised of the following sections:

- Process Improvement and Technology unit
- Shared Services and Risk Management unit
- Financial Services branch

The Administration and Financial Services provides executive, financial and administrative leadership, direction, advice and guidance to the department.

The Process Improvement and Technology unit reviews program delivery requirements and delivers an information technology and business process improvement program that provides the department with related strategic, business operational, information technology and financial planning; project management supports; analyses of departmental business requirements; business process improvement and design opportunities; and quality assurance. The unit acts as a liaison for technology issues on behalf of the department.

The Shared Services and Risk Management unit is responsible for providing client and public information services, access to information under the Freedom of Information and Protection of Privacy Act (FIPPA), licence/permit distribution, vendor account reconciliation, and coordination of services offered through the Manitoba elicencing system in collaboration with the department of Agriculture and Resource Development. In addition, the unit coordinates fleet management services; office accommodations; parking administration; records management; delivery of the department's Safety, Health and Risk Management program; coordination of business continuity planning; accessibility; French language services; and department wide insurance, risk management and incident resolution.

Financial Services branch develops, communicates, monitors and evaluates departmental financial policies, systems, and procedures. The branch ensures the effective, efficient and economical operation of departmental financial functions in compliance with requirements of the department, Treasury Board, the department of Finance, and the Office of the Auditor General. It is also responsible for the comptrollership function for the department as it relates to procurement, contracts and grants by providing direction, education, advice, guidance and oversight. Financial Services' scope of activities includes processing payments and revenue receipts, accounting, financial planning, internal reporting, auditing and review, budgeting exercises, capital planning, and inventory.

### **Key Results Achieved:**

- Successfully implemented the Manitoba elicencing system, effective April 7, 2020. The new elicencing system will benefit Manitobans through improved convenience, data collection, improved compliance and enforcement capabilities of Conservation Officers, and will reduce Manitoba's environmental carbon footprint. The availability of an online sales system has

enabled Manitobans to access to their licences and permits online and avoid in-person transactions during the COVID-19 pandemic.

- Continued implementation of a comprehensive comptrollership plan involving education of staff on financial topics and spot audit reviews of sites to review and mitigate risk.
- Furthered the department's approach to analyzing existing operations and expanded a continuous improvement practice across the organization as a means to realize productivity efficiencies and improved, client-centered service. Department business practices and processes were reviewed and redefined so as to produce priority aligned deliverables with less red-tape.
- Expanded on opportunities for departmental collaboration, productivity and decision-making through SharePoint and continued support to departmental websites.
- Facilitated reviews of the Wildfire Service and Air Quality program's business support systems; and supported the development of a modernization strategy for each.
- Enhanced Manitoba Parks seasonal site application and draw process to allow for electronic submission and processing of application/permit payments.
- Continued to work with government computer application developers in the production of new and enhanced business systems, in the delivery of new technology, and in the sustainment of existing business critical systems.
- Implemented actions identified in the department's 2018-2021 multi-year strategic plan to improve French language services within the department. To ensure compliance with The Francophone Enhancement and Support Act and the French Language Service Policy the department collaborated with Translation Services to have a number of resources publicly available in bilingual format, including the Manitoba elicencing website.
- Provided staff orientation regarding the French Language Service Policy and legislation including the concept of active offer department wide. Resources were developed and made available on the department intranet, in order to help enhance French Language Services. Offered opportunities for additional French language training by the Francophone Affairs Secretariat.
- Promoted Accessibility Awareness Week and communicated the requirements outlined in the Manitoba Government Accessibility Plan moving forward, including the new accessibility compliance framework to ensure departmental compliance with respect to The Accessibility for Manitoban's Act and the requirement for all staff to complete the mandatory Accessibility for Manitobans Act training.

- Expanded Respectful Workplace, Harassment and Diversity training to departmental staff. Hosted Respectful Workplace and Harassment Prevention webinars on June 3, June 17 and July 15, 2020. A total of 256 employees participated.
- To recognize and celebrate Accessibility within the department, the Diversity, Inclusion and Accessibility Steering Committee (DIASC) hosted a learning event to provide an update to the Accessibility for Manitobans Act and share achievements - 45 employees participated.
- Hosted a learning event for employees to create awareness for Orange Shirt Day - 51 employees attended to open the door to conversations about residential schools.
- Detailed information regarding The Freedom of Information and Protection of Privacy Act, including information specific to Conservation and Climate, can be found in the FIPPA Annual Report at: [https://www.gov.mb.ca/fippa/annual\\_reports/index.html](https://www.gov.mb.ca/fippa/annual_reports/index.html).

**Table AF.3**  
**12.1(c) Administration and Financial Services**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	3,301	47.00	3,515	(214)	1.
Other Expenditures	1,158		708	450	2.
<b>Total 12.1(c)</b>	<b>4,459</b>	<b>47.00</b>	<b>4,223</b>	<b>236</b>	

1. Under-expenditure due to vacancies and voluntary reduced workweek savings.
2. Over-expenditure due to the government-wide Windows 10 conversion project costs and other general operating costs.

## Clean Environment Commission

Under The Environment Act, The Clean Environment Commission (CEC) provides a mechanism through which the public can participate in environmental decision making. The Commission conducts public reviews and hearings into matters of environmental concern, and provides advice and recommendations to the Minister. The CEC, while reporting directly to the Minister, is independent of department operations.

The CEC issues its own annual report with information on its mandate and operations. Copies can be obtained from the CEC at 305 – 155 Carlton Street, Winnipeg, MB R3C 3H8. The CEC can be contacted at 204-945-0594, or toll free number at 1-800-597-3556, or by fax at 204-945-0090. The CEC's website is [www.cecmanitoba.ca](http://www.cecmanitoba.ca).

**Table AF.4**  
**12.1(d) Clean Environment Commission**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	318	3.00	334	(16)	
Other Expenditures	33		79	(46)	
<b>Total 12.1(d)</b>	<b>351</b>	<b>3.00</b>	<b>413</b>	<b>(62)</b>	<b>1.</b>

1. Under-expenditure due to not conducting hearings.

## Legislation, Policy and Coordination

The Legislation, Policy and Coordination branch leads the development and integration of high-priority policy for the department, particularly in areas that cross divisions and departments. This includes supporting the department's Executive Management Committee in the planning and implementation of department and government mandates, identifying and developing strategic legislative priorities and initiatives, and working with the Deputy Minister's and Minister's offices to resolve high-profile issues. As the department is responsible for the administration and enforcement of 26 acts and accompanying regulations, plus additional responsibilities under federal statutes, the branch provides technical and analytical support to all branches with legislative and regulatory development activities. The branch is also responsible for implementing Balanced Scorecards and Regulatory Accountability in the department. In addition, the branch is responsible for development and delivery of the Certificate of Indigenous Relations Program (CIRP), in partnership with Agriculture and Resource Development.

### Key Results Achieved:

- Working closely with colleagues in the department of Agriculture and Resource Development, divisional staff supported the cross-department delivery of the Certificate of Indigenous Relations Program (CIRP). Due to COVID-19 restrictions, year five of the program saw a shift to a virtual format, which included speakers from the Treaty Relations Commission of Manitoba, the National Center of Truth and Reconciliation, University of Manitoba, respected First Nations community members and Elders, community organizations and internal department staff working with communities. Participants also participated in a Circle in a Box activity. In 2020/21, five staff from Conservation and Climate completed the program and received certificates.
- Working with staff and management throughout the department, branch staff facilitated the development of balanced scorecards for the department and divisions, defining their mission, vision, values, objectives and key performance indicators.
- Focused on creating an efficient and effective regulatory system, the Legislation, Policy and Coordination branch works collaboratively across the department to implement the principles of regulatory accountability as set out in The Regulatory Accountability Act. This includes developing regulation that ensures the protection of public resources and improves services, while eliminating unclear, poorly designed or contradictory regulations that create red-tape for clients and stakeholders. In 2020/21, the branch assisted on a number of regulatory amendments that supported increases to biofuel mandates; added improvements to drinking water safety standards for lead, manganese and microcystins; and supported implementation of elicensing for park vehicle permits.



**Table AF.5**  
**12.1(e) Legislation, Policy and Co-ordination**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	522	8.00	786	(264)	
Other Expenditures	39		97	(58)	
<b>Total 12.1(e)</b>	<b>561</b>	<b>8.00</b>	<b>883</b>	<b>(322)</b>	<b>1.</b>

1. Under-expenditure due to vacant positions and grants not paid in the year.

# **PARKS AND RESOURCE PROTECTION**

## **Parks and Protected Spaces**

Parks and Protected Spaces branch is responsible for managing provincial parks, ecological reserves and the Canadian Heritage Rivers System, as well as building a protected areas network for the long-term benefit of Manitobans and the environment. These lands help protect unique natural, cultural and heritage features and resources, conserve ecosystems, and provide recreational and educational opportunities to approximately five million visitors each year.

### **Key Results Achieved:**

- Generated \$13.0 million in revenue from persons using the parks for personal enjoyment, commercial use and general use.
- Park visit frequencies reached approximately 5.8 million with cabin, yurt, and group use and campsite reservations numbering 122,929. Increased visitation occurred particularly from Manitobans during the year, due to good weather and COVID-19.
- There was a continued focus on environmental infrastructure including water and wastewater systems and investments for the replacement and upgrading of existing park facilities.

### **Administration Section**

The Administration section is responsible for establishing strategic direction and guidelines, ensuring conformity to department policies and government goals, and assessing the effectiveness of the programs and services offered to the public. The section provides many functions including administrative and human resource support; capital budget coordination; and management of fees collected from park users, commercial concessions and leased properties. Work programs are reviewed to ensure that goals are met and expenditures conform to estimates, legislation and policies. The branch participates on the Canadian Heritage Rivers Board and the Canadian Parks Council. Grants were provided to the International Peace Garden, Manitoba Wildlife Foundation, upkeep and public programs at Fort Whyte Alive, and the Manitoba Coalition for Safer Waters (water safety, public education and programming).

### **Key Results Achieved:**

- Managed park programs and facilities in accordance with policies, procedures and standards to meet branch, department and government goals.
- Developed park programs and facilities according to current branch and capital spending estimates.
- Provided grants to organizations that implement activities in accordance with branch policy, departmental mission and government priorities.

## **Planning and Protected Areas Section**

The Planning and Protected Areas section guides establishment and management of provincial parks and ecological reserves, and manages the Protected Areas Initiative and the Canadian Heritage Rivers Program in Manitoba.

### **Key Results Achieved:**

- Reviewed Environment Act licence proposals, Crown land circulars and related items for proposed developments to assess possible implications on lands of interest administered by the branch (provincial parks, park reserves, ecological reserves, areas of special interest and proposed protected areas).
- Participated in Pathway to Canada Target 1 working groups (accounting, Indigenous protected and conserved areas (IPCAs), connectivity, key biodiversity areas (KBAs), to establish Canadian standards and conservation tools along with Canada's federal, provincial and territorial departments responsible for parks, protected areas, conservation, wildlife and biodiversity.
- Multiple staff were re-deployed to help in the COVID-19 response. Specifically, staff played important roles in the Vaccine Implementation Task Force and Active Monitoring Virtual Call Centre.
- Conducted public and stakeholder engagement on the development of the Provincial Trails Strategy.

## **Park System Planning and Ecology**

This unit is responsible for the strategic direction of the Manitoba provincial park system, as well as reviewing park reserves for permanent designation and establishing both new and revised park boundaries, classifications, primary park goals and objectives, and land use categories. These activities are done through engagement with the public, industry, stakeholders, Indigenous peoples and government agencies.

### **Key Results Achieved:**

- Collaborated with the Oil and Gas and Forestry sectors to finalize the changes to the land use categories in Turtle Mountain and Duck Mountain Provincial Parks ensuring the protection and sustainability of 6,065 hectares of natural habitat and species in these areas.
- Collaborated with Skownan First Nation on working towards achieving their successful Challenge Fund goals to expand the protection of Chitek Lake Anishinaabe Provincial Park. The project is Indigenous-led and will conserve biodiversity, protect species at risk, and enhance the ecological integrity, connectivity and size of Manitoba's protected areas network. It will also create jobs and support local economies.

- Collaborated with Fisher River Cree Nation to formalize the branch's commitment to work together on achieving the Challenge Fund goals to expand protection in the Fisher Bay Provincial Park region. The project is Indigenous-led and will conserve biodiversity, protect species at risk, and enhance the ecological integrity, connectivity and size of Manitoba's protected areas network, and will also create jobs and support local economies.
- Collaborated with Treaty Relations Commission of Manitoba on decision support guidelines for Indigenous activities in Manitoba provincial parks.
- Facilitated haying in Spruce Woods and Beaudry provincial parks to meet an emergency demand for hay, which benefited the ecological health of the prairie.
- Issued twenty two provincial park permits for conducting scientific research.

### **Ecological Reserves**

Ecological reserves are established under The Ecological Reserves Act to protect areas with unique and representative plants, animals, geologic features, natural landscapes and ecological processes.

#### **Key Results Achieved:**

- One research permit was issued to monitor bats for white-nosed syndrome in Lake St. George Caves Ecological Reserve for wildlife monitoring, and one access permit was issued to allow an ATV to haul equipment in to secure a cage over the entrance to the bat hibernacula at Lake St. George Caves Ecological Reserve.
- Finalized the protection of Line Lake Fen Proposed Ecological Reserve in Duck Mountain Provincial Park by changing the land use category to Backcountry.

### **Management Planning**

Development of management plans for individual provincial parks is a requirement of section 11 of The Provincial Parks Act. Management plans provide long-term direction for the provincial parks by establishing guidelines to address issues pertaining to recreation, resource use, development of park land, environmental protection and the preservation of culturally significant areas. They are developed in consultation with the public and Indigenous communities.

#### **Key Results Achieved:**

- Work was undertaken to support implementation of guidelines in existing park management plans.

## **Canadian Heritage Rivers System**

The Canadian Heritage Rivers System (CHRS) is Canada's national river conservation program. It promotes and enhances Canada's river heritage, and ensures that Canada's leading rivers are managed in a sustainable manner. The CHRS is built on river stewardship, cooperation and public support. Rivers in the CHRS possess outstanding natural and/or cultural values, offer quality recreational opportunities and showcase the benefits of healthy river environments, now and in the future. The Bloodvein, Hayes, Red and Seal are Manitoba's Canadian Heritage Rivers.

### **Key Results Achieved:**

- The obligation to submit annual monitoring reports for each of Manitoba's heritage rivers was fulfilled.
- The Manitoba representative on the CHRS Technical Planning Committee served as Chair of that Committee, ensuring that work continued on a number of long-term and new CHRS projects.
- The Bloodvein River Ten-Year Monitoring Report was finalized and made available to the public online. The report's executive summary and conclusion were also made available in Anishinaabemowin and French.
- GIS Story Maps for Manitoba's four designated rivers were created and made available on the CHRS website.

### **Protected Areas Initiative**

The Protected Areas Initiative contributes to Manitoba's climate resilient future by building a network of protected and conserved areas that conserves ecosystems and maintain biodiversity in all 16 ecoregions across the province. Protected and conserved areas are natural solutions to climate change, and provide a range of ecological services with direct or indirect economic benefits to communities and businesses, including natural regulation of water flow, water quality improvement, carbon storage and biodiversity conservation.

Currently, 7.2 million hectares (or 11.1 per cent of Manitoba) are included under international standards within Manitoba's network of protected and conserved areas. This includes: two national parks, two national wildlife areas, 30 ecological reserves, all or parts of 34 provincial parks, one interim protected park reserve, all or parts of 52 wildlife management areas, parts of two provincial forests, parts of four traditional land use planning areas, one other effective area-based conservation measure, three areas of municipal lands, and private lands owned by Ducks Unlimited Canada, Nature Conservancy of Canada, Nature Manitoba and Manitoba Habitat Heritage Corporation.

### **Key Results Achieved:**

- Concluded an Environment and Climate Change Canada contract with a local consulting firm to review fee-simple lands held by Manitoba Habitat Heritage Corporation and the Nature Conservancy of Canada against updated protected and conserved area reporting criteria.
- Expanded Manitoba's network of protected and conserved areas by a total of 18,553 hectares through changes to land-use categories, including increasing protection by 951 hectares in Duck Mountain Provincial Park and 5,065 hectares in Turtle Mountain Provincial Park; and by adding 9,739 hectares of Nature Conservancy of Canada owned Lands, 2,444 hectares of Manitoba Habitat Heritage Corporation owned lands, and 354 hectares of City of Winnipeg lands meeting protected areas reporting criteria.

### **Operations and Development Section**

The Operations and Development section provides regional operations support, development direction, capital planning, landscape architectural design and project management for Manitoba provincial parks.

### **Design and Development**

The Design and Development unit of the section provides development direction, site planning and public facility design services. The unit is responsible for all facets of planning, design and development within the Manitoba parks system as it relates to park infrastructure, including the budgeting and management of projects. This unit also provides landscape architectural and project management capacity, overseeing the design and implementation of capital works projects within provincial parks. A major function of the unit is the development of new facilities and improvement of existing facilities, ensuring parks have maintainable, operable and accessible facilities that meet visitor expectations and functional requirements.

### **Key Results Achieved:**

- Construction was completed on the new laundry building at Grand Beach Provincial Park.
- Construction was completed on the Phase 1 development of Duff Roblin Provincial Park including an accessible viewing tower, parking and interpretive components.
- Design work was initiated for Phase 2 of the Duff Roblin Provincial Park development which will include a riverside viewing plaza, trails and additional interpretive components.
- Partnership with the Blue Highway cycling group continued for the development of cycling infrastructure in the Caddy Lake area in Whiteshell Provincial Park.
- Construction was completed on improvements to the Birds Hill South Water Treatment Plant.

- Construction was initiated on the second phase of improvements to the Grand Beach Water Treatment Plant.
- Construction was completed on improvements to the water treatment facility at Big Whiteshell in Whiteshell Provincial Park.
- Construction was completed on lift station improvements at the Grand Beach campground.
- Design work was completed for the second phase of wastewater improvements at Grand Beach Provincial Park, including a new force main and lift station which will direct all wastewater to the newly upgraded sewage lagoon.
- Design work was initiated for improvements to the water treatment plant and sewage lift station at Paint Lake Provincial Park.
- Construction began on a new sewage treatment lagoon near Falcon Lake in Whiteshell Provincial Park that will service all truck-hauled sewage for the south Whiteshell area.
- Construction was completed on the replacement of the maintenance shop at Falcon Lake in Whiteshell Provincial Park.
- New playgrounds were completed in Grass River (Gyles Campground), Whiteshell (Brereton Lake), Turtle Mountain (Adam Lake), Hecla Grindstone, Moose Lake and Grand Beach Provincial Parks. All structures provide some level of accessibility while the Grand Beach installation focuses on creating a larger inclusive structure.
- A major overhaul of garbage and recycling infrastructure was initiated in Whiteshell Provincial Park which will see increased efficiency in the collection and disposal process and result in improved facilities for visitor safety, ease of operations and protection of wildlife.
- Beach accessible mobility mats that allow for wheelchair access to designated beach areas were purchased for Clearwater, Spruce Woods, Lundar Beach, Winnipeg Beach and Falcon Lake (Whiteshell) Provincial Parks. The mats were installed in spring 2021 for use in the beach season.

## **Park Operations**

The Park Operations Program consists of the large regional contingent of staff and resources that provide direct service delivery at the park level. The branch-based staff (unit) provide centralized planning and support to the four regions in the delivery of the program. The unit coordinates the development of policy and procedures and ensures regulatory requirements are implemented. The unit supports other branch areas, such as Design and Development, and Cottaging and Commercial Development by providing financial analysis and budget coordination for operations, park improvements and service delivery. This includes the administration, maintenance and reporting of budgets for Parks Part B Capital, Parks Minor Capital and Property Service Fees. The unit is

responsible for the administration and delivery of the Park District Services Fees program which consists of the tracking, reporting and calculation framework for recovering the costs of delivering services to cottagers through a fee system.

### **Key Results Achieved:**

- Park visitation increased dramatically this year as a result of the pandemic and Parks staff quickly accommodated for new use levels by completing various improvements to facilities such as trails, washrooms, day use areas, parking and campgrounds.
- Day to day operations were also adjusted to new use levels by continuing to streamline waste pickup operations, increased sanitization, and education and outreach activities to many new and first-time park visitors.
- A significant review of solid waste handling in the Whiteshell was conducted which included consultation with various stakeholders to develop a plan for improved recycling and automated waste pickup.
- Allocated almost \$1 million in funding towards preventative maintenance for park infrastructure and the replacement of small park assets.

### **Eastern Region**

- Repair work began on the pier at Big Whiteshell South dock in Whiteshell Provincial Park.
- A new picnic shelter was constructed and additional beach sand placed at St. Malo Provincial Park.
- Lighting upgrades were completed in the South Whiteshell district to increase energy efficiency and reduce costs.

### **Northern Region**

- New signage was installed on the Clearwater Lake Cross Country Ski Trails.

### **Western Region**

- The entrance sign for Rivers Provincial Park was replaced.
- The main boat launch at Asessippi Provincial Park was extended further into the water to compensate for low water levels on Lake of the Prairies.
- Beach improvements were completed at Blue Lake in Duck Mountain Provincial Park with the placement of additional sand. An engineering assessment of the Wellman Lake Waste Disposal Grounds was undertaken as the first step towards increasing capacity at this site.



- In partnership with the Friends of Spruce Woods, a new play structure was installed in the lower campground area at Kiche Manitou at Spruce Woods Provincial Park.
- An engineering assessment of the elevated water tank at Aseissippi was completed as the first step towards water treatment plant improvements at this site.
- Electrostatic ionizers were purchased to aid with the disinfection of park facilities across the region.
- Improvements were made to back country trails and canoe routes in Duck Mountain and Turtle Mountain Provincial Parks.

### **Central Region**

- A new development and operations partnership was initiated at St. Ambrose Provincial Park supported by the Parks design and operations teams. A Request for Proposals was issued, the tender was awarded to a local developer and will be operated under the name of Surfside Beach. The new development will include a seasonal and nightly campground, public beach, food concession, entertainment venue and firewood concession.
- Improvements were made to the historic Kudlowich homestead and a new shade shelter was constructed at the beach at Birds Hill Provincial Park.
- A new entrance sign was installed and the roof was replaced on the lakeshore washroom at Winnipeg Beach Provincial Park.
- Improvements to the wellhead for the water treatment plant were completed at Hnausa Provincial Park and customized grooming of the ski trails at Camp Morton was initiated in response to high winter use.
- Signage and trail system improvements were made at Beaudry Provincial Park to accommodate the increased visitors and substantial winter use.
- Accessibility improvements are ongoing at the new Hecla staff bunkhouse. Bay 5 washroom improvements were completed at the campground and renovations began on seven vacation cabins. Upgrades were completed on the Grassy Narrows boardwalk, several picnic shelters and to the historic school house building.
- A new fatbike trail, 'Wolf Ridge', was designated and groomed at Grand Beach.
- Yurt improvements were initiated at Stephenfield Provincial Park and beach washroom renovations were completed.

- Improvements were completed on the campground office and water treatment plant at Lundar Beach Provincial Park. A new dump trailer was purchased to improve garbage pickup efficiencies. A tender for firewood sales was issued and the successful bidder will also be operating a concession in the day use area.

## **Recreation and Education Services Section**

The Recreation and Education Services section sets the direction of the outdoor recreation, beach safety and the interpretation programs in Manitoba provincial parks. It evaluates and implements new initiatives in campground, day use, backcountry management and outdoor education, as well as customer service training and volunteer activities. The section guides and supports Regional Operations in ensuring high quality outdoor recreational experiences.

This includes analysis of operating strategies and procedures, policy review, market research, marketing strategy development, promotion, and statistical compilation and trend evaluation.

## **Recreation Programming**

The Recreation Programming unit is responsible to provide recreational opportunities that are diverse in scope through camping, cabins, yurts, and group use facilities by providing fair and equitable access to provincial parks. The program ensures that both field and head office staff provides quality customer service. The Parks Reservation service and Seasonal Camping service are major components of the recreation programming unit.

### **Key Results Achieved:**

- The unit ensured delivery of recreation programming in Manitoba's provincial parks including nightly stay and seasonal camping, cabins and yurts, group use, parks reservation service and campground hosting.
- Reservations were made available through a call center, online, and through 32 campground offices in 2020. There were three opening days for reservations. Cabin, yurt, group-use area and Birds Hill campground reservations opened in mid-March, followed by Whiteshell and Winnipeg Beach, which was scheduled to open on the first Monday in April, and all other campgrounds two days later. The last two opening days were delayed until early May, due to the uncertainty of campground opening with COVID-19.
- Campground operations and public programming had to shift and adjust with the ever changing COVID-19 protocols and group-size and travel restrictions.
- Park programs and initiatives were promoted through daily tweets, Facebook posts, news releases, and handouts. Information included opening and closing dates, free park entry on select weekends and the Parks Reservation Service.

## **Beach Safety**

The Beach Safety Program is primarily focused on public education and water safety. Safety measures provided at 83 provincial park beaches include signage and public education materials, buoy lines, and risk management. Beach safety officers provided on-site water safety education and emergency response at three high-use provincial park beaches – Birds Hill, Grand Beach and Winnipeg Beach.

### **Key Results Achieved:**

- Beach Safety Officers made 35,106 visitor contacts at Birds Hill, Grand Beach and Winnipeg Beach during summer 2020. The nature of contacts primarily consisted of public inquiries, child supervision reminders to parents/guardians and injury prevention education. Beach Safety Officers responded to 13 medical emergencies and 12 water rescues. Beach safety services are provided under service agreements with two Manitoba companies - Criti Care EMS Inc. at Birds Hill Provincial Park, and Emergency Rescue Response Services at Grand Beach and Winnipeg Beach Provincial Parks.
- The Manitoba government issued Public Health Orders and measures to prevent the spread of the COVID-19 virus. To maintain alignment with these measures including social distancing, public gatherings, public communications, soft enforcement, personal protective equipment and emergency care, a number of beach safety operational protocols were revised and adopted by beach safety officers. Pandemic-related public communications guiding visitor behavior were also developed and disseminated.
- A Request for Proposals for the beach safety staffed program was released in 2020. 2021-23 service agreements were awarded to Criti Care EMS Inc. for Birds Hill Provincial Park, and to Emergency Rescue Response Services for Grand Beach and Winnipeg Beach Provincial Parks.
- The branch continued to work with the Manitoba Coalition for Safer Waters (MCSW), an inter-agency group that coordinates water and ice safety activities in Manitoba. The branch annually provides funding for public education initiatives with a focus on water safety for new Canadians. This funding supported delivery of water safety presentations for 215 people, primarily English as Additional Language students and newcomers. Remaining funding was reallocated towards translation services required for production of multi-language water safety public education materials. A total of 19,000 newcomers have attended these presentations since 2007.
- Water safety and drowning prevention initiatives and programs in Manitoba is maintained with a Service Purchase Agreement between the Manitoba government (Indigenous and Northern Relations, Health and Seniors Care, and Conservation and Climate) and Lifesaving Society – Manitoba branch and Manitoba Coalition for Safer Waters. Initiatives delivered through this agreement include the Northern Water Smart program, Water Smart for newcomers to Canada, Community Water Safety Grants, public awareness campaigns, PFD Loaner Program, water safety training and beach and waterfront safety initiatives.

- St. Malo Provincial Park continued delivery of the Beach Smart water safety program at Main Beach and Sunset Shores Beach. Beach Smart program components include delivery of water safety education messaging by interpreters, life preserver ring stations with emergency alarms, as well as life jacket loan kiosks.

## **Interpretation**

The Interpretation Program offers visitors a deeper understanding and appreciation of natural and cultural resources in the provincial parks. This also assists the public in understanding the goals and programs of the department. Live field programs complemented by publications, outdoor exhibits and audio-visual materials bring visitors in direct contact with park resources and management. This program also undertakes research leading to brochure development and delivery of live programs throughout the park system.

### **Key Results Achieved:**

- Regular programming was limited due to the COVID-19 pandemic, however Park Interpreters were able to refocus their efforts on engaging visitors at high use trails and developed a wide range of park-themed virtual programs for public and schools.
- Delivery of the field program including three year-round interpreters' service at Birds Hill, Spruce Woods and Whiteshell Provincial Parks, along with seasonal services from eight interpreters at St. Malo, St. Norbert, Spruce Woods, and Whiteshell Provincial Parks. In addition, Green Team Interpretive Assistants provided supports at these parks. Tours of the heritage homes at St. Norbert were included as part of the on-site artefact collection management contract.
- Interpreters at St. Malo Provincial Park continued to focus on Beach Smart program messaging to the beach users.
- Interpreters at Grand Beach delivered environmental education programming to meet the Blue Flag designation requirements.
- Interpreters contacted approximately 42,000 visitors at interpreter-led events and in interpretive centres and museums. The average individual program attendance continues to increase annually, demonstrating a strong interest and demand in interpretive programming.
- School programs were conducted in all seven locations in June and over the fall, winter and spring at Birds Hill, Spruce Woods and Whiteshell Parks. Programs are correlated to the Manitoba Education School Curriculum. Interpreters also provided support to the regional and provincial Manitoba Envirothon events.
- Continued partnership with Leave No Trace Canada Program to promote low-impact activities in provincial parks and incorporated 'Leave No Trace' principles into interpretive programming and trail refurbishment.

- Annual trail refurbishment initiatives saw new trailhead structures and interpretive signs erected in seven parks.
- Updated self-guiding trail publications for five locations.
- Coordinated night-sky friendly lighting upgrades at Spruce Woods Provincial Park for on-going efforts to designate the park as a Dark Sky Preserve.
- Park Rewards Programs continued through children’s activity booklets and the Passport to Adventure. These were available for distribution in every campground and at every interpretive event. Three children’s activity booklets were available – Nature Detectives (ages 3-5), Junior Naturalists (ages 6-9) and Park Explorers (ages 10-12). The Passport to Adventure is available for everyone. To date, approximately 2,300 park visits have been prompted by the program since its inception in 2009.
- Winter public programming continued at Birds Hill, Spruce Woods and Whiteshell Provincial Parks with interpretive programs offered on winter recreation trails and in the interpretive centres.

**Key Program Outputs:**

<b>Outdoor Recreation Programming</b>	<b>Amount</b>
Number of visitors	5.8 million
Total Number of campsites	6,092
Transient Campsites	4,507 (4,051 available for reservation or 90 per cent)
Seasonal Campsites (number does not include Permanent Trailer Village or Concessionaire campsites)	1,538
Campgrounds offering reservations	44
Group Use Sites*	94
Family Vacation Cabins	34 (at 2 locations)
Yurts	75 (at 10 locations)
Reservations	122,929 (95 per cent of camping stays in computerized locations reserve ahead)
Reservation Rate, compared to 2019/20	42,650 more reservations or 53 per cent increase
Reservations made through Web - Parks Reservation Service	93 per cent

\* Two recreation halls included (Group use areas had fluctuating availability due to group size restrictions and halls remained closed in 2020).

## **Cottaging and Commercial Development Section**

The Cottaging and Commercial Development section administers the Vacation Home Lot Development Program, Commercial Operations, and Special Consideration Organization (SCO) operations under the authority of The Provincial Parks Act and associated regulations.

The section manages and controls land use activities and developments on vacation home, commercial business and SCO lots through a site plan permitting process. The section takes a lead role in the resolution of development-related disputes between neighbours.

Management decisions are prescribed in various legislation, regulations and policy guideline documents such as The Cottager's Handbook for Manitoba Provincial Parks. Some of the costs of road maintenance, garbage disposal, provision of water and sewer, and other municipal type services provided to lease and permit holders and private landowners are recovered from those users through an annual invoicing program carried out by the Real Estate Services Branch (RESB) of Manitoba Central Services. Permits are also issued by RESB for commercial fish camps, wild rice cultivation, trap-line cabin construction, hay and grazing, scientific research, and mineral claim-staking and exploration.

### **Key Results Achieved:**

- Continued with the government mandate of a moratorium on all lease and service fees for cottages found within provincial parks that began in 2016. In January 2018, government extended the July 2016 moratorium on lease and service fee increases for provincial park cottages, for an additional two years extending from July 2018 to July 2020.
- While attempting to achieve a more streamlined process of approval for site plan permits and building permits on cottage and commercial lots within Manitoba Parks, the section agreed to launch a pilot project with the Office of the Fire Commissioner under Manitoba Municipal Relations, which brings both departments into one process for development on park land.

### **Vacation Home Lot Development Program**

The program, in cooperation with the RESB, administers approximately 6,300 vacation homes on leased, permitted and private lands in parks.

### **Key Results Achieved:**

- 403 permits were issued for cottage construction or structural modification.
- 185 vacation home leases were up for renewal in 2020. Each lease renewal required an onsite inspection.
- \$7.9 million in revenue generated from land rent, service fees, permits, chief place of residence levy and lot development fees.

## **Commercial Operations**

This unit manages relations with private-sector business operators, via leases and permits, to ensure high-quality services for park visitors.

### **Key Results Achieved:**

- Cooperated with approximately 174 commercial operations, such as restaurants, stores, accommodations, golf courses, marinas, private campgrounds and concessions throughout Manitoba's provincial parks.
- There were 48 special consideration organizations throughout Manitoba's provincial parks, such as RCMP detachments, youth camps, churches, schools, bible camps, Winnipeg Folk Festival, volunteer fire departments and cemeteries.
- There are 209 Parks Controlled General Permits for occupying land, such as towers, boathouses, septic haulers, research, arborist services and Indigenous uses.

## **Incident Management and Coordination Section**

The Incident Management and Coordination (IMC) section provides coordinated and collaborative project management support and oversight to all branch sections and regional operations in the planning and implementation of all parks programming and service delivery in the park regions.

### **Key Results Achieved:**

- Priority work included issue and program management for the branch and regions and identifying and supporting consistent program delivery.
- Two Regional Parks Specialists were redeployed to provide key support to COVID-19 work and direct support to central health initiatives.
- A new more user-friendly Park Emergency Plan template was developed and selected structural fire services agreements were reviewed in preparation for update and renewal.
- Specialists created new standard documenting process for special event permits that coordinates across all regions to reduce duplication and barriers (red tape) for stakeholders and the public.
- Finalized review of filming in parks to ensure consistent evaluation and approval of movie/media company's requests.
- Standardized in-kind donation agreements for park services rendered to event organizers.

- As part of continuous improvement, the team reviewed and updated the standard trail agreement template to improve consistency across all regions and reduce barriers for trail organization groups and volunteers.
- One agreement expanded the South Whiteshell Trail Association bike trail system near Caddy Lake/McGillivray Falls, which included a skills area.
- Developed positive relationships with cottage owner associations, business owners and other park user groups interested in improving parks.
- Engaged all stakeholders in ongoing park management plan development, new service initiatives (for example Transfer Station improvements), proposed trails (for example the Trans Canada Trail), and business initiatives.

### **Resource Tourism Operators Program**

The Resource Tourism Operators Program, issues licences and permits to approximately 425 resource tourism operations (e.g., lodges and outfitters) under the Resource Tourism Operators Act, and works with the regions and other branches of the department to support environmental protection, and promote the sustainable use and development of Manitoba's natural resources.

#### **Key Results Achieved:**

- Provided secretariat and analytical support to the Licensing Advisory Committee (LAC), the Administrator of Resource Tourism and the Resource Tourism Appeal Committee (RTAC) on matters relating to the regulation of resource tourism in Manitoba, as well as providing support on resource tourism policies and programming. The LAC is an advisory body, which makes recommendations to the Administrator of Resource Tourism on the licensing of outfitters and the permitting of their facilities for the purposes of hunting, fishing and ecotourism activities. The RTAC is the appeal body for decisions made by the Administrator of Resource Tourism.
- The Licensing Advisory Committee held six regularly scheduled meetings and two additional meetings. A total of 365 applications were reviewed and recommendations developed for consideration of the Administrator of Resource Tourism. Approximately 425 outfitting licences and 750 associated facility permits were issued to resource tourism operators. No appeal hearings were required by the Resource Tourism Appeal Committee.



**Table PRP.1**

**12.2(a) Parks and Protected Spaces**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	19,187	128.40	19,474	(287)	1.
Other Expenditures	29,986		29,381	605	2.
Grant Assistance	392		393	(1)	
<b>Total 12.2(a)</b>	<b>49,565</b>	<b>128.40</b>	<b>49,248</b>	<b>317</b>	

1. Under-expenditure due to vacancies. The 2020/21 authority includes a Virement transfer of \$650 from Wildfire Suppression (12-5b) for retirements.
2. Over-expenditure is due to higher Park Operation and Maintenance costs, required to keep Parks safe for Public use. The 2020/21 authority includes Supplementary Authority of \$20,000 from Internal Service Adjustments to support the Provincial Park Endowment Strategy with Winnipeg Foundation and a Virement transfer from Wildfire Suppression (12-5b) of \$665 for COVID-19 support.

## Divisional Administration

Divisional Administration ensures leadership for development, implementation and coordination of divisional policies, including financial and administrative functions. It implements and monitors budgets for a wide range of dynamic programs and manage complex relationships with the public, the environment and other stakeholders. The branch also provides effective leadership for the delivery of emergency response programming related to Manitoba Wildfire Service.

Note: for more information on the Manitoba [Wildfire Service](#), please refer to the more extensive section in 12.5 of this Annual Report.

**Table PRP.2**  
**12.2(b) Divisional Administration**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	2,130	30.80	2,462	(332)	1.
Other Expenditures	553		551	2	
<b>Total 12.2(b)</b>	<b>2,683</b>	<b>30.80</b>	<b>3,013</b>	<b>(330)</b>	

1. Under-expenditure is due to vacancies, and voluntary reduced workweek savings. The 2020/21 authority includes a Virement transfer of \$60 from Wildfire Suppression (12-5b) for retirements.

## ENVIRONMENTAL STEWARDSHIP

### Divisional Administration

Divisional Administration ensures leadership for development, implementation and coordination of environmental policy, program and enforcement functions, and ensures that environmental impacts of developments are evaluated. Also, it ensures effective leadership for the delivery of emergency response programming related to environmental emergencies.

**Table ES.1**  
**12.3(a) Divisional Administration**

Expenditures by Sub-appropriation	Actual 2020/21 \$(000)	FTE	Authority 2020/21 \$(000)	Variance Over/(Under) \$(000)	Expl. No.
Salaries and Employee Benefits	414	5.00	338	76	1.
Other Expenditures	51		43	8	
<b>Total 12.3(a)</b>	<b>465</b>	<b>5.00</b>	<b>381</b>	<b>84</b>	

1. Over-expenditure due to unbudgeted student salaries in the division.

## **Environmental Compliance and Enforcement**

The Environmental Compliance and Enforcement branch undertakes inspection activities, enforces The Environment Act and The Ozone Depleting Substances Act and associated regulations to ensure regulatory compliance, and responds to environmental incidents and complaints to protect human health and Manitoba's environment. The branch manages applications and reports under The Dangerous Goods Handling and Transportation Act and The Contaminated Sites Remediation Act.

### **Key Results Achieved:**

- Ensured compliance with Manitoba's environmental legislations through inspections, monitoring, and implementation of programs and activities that mitigate the impact of pollutants and contaminants to the environment.
- Enforced environmental legislation through education, negotiation, investigation, warnings, orders, offense notices and long information. These include environmental legislation and programs and activities that address the management of contaminated sites, crop residue burning, hazardous waste, livestock manure and mortalities, municipal wastewater, onsite wastewater, petroleum storage and solid waste.
- Administered programs related to impacted and contaminated sites, petroleum storage facilities and hazardous waste.
- Responded to environmental incidents and complaints in accordance with existing Canada-Manitoba mutual agreements and the provincial Environmental Emergencies Coordination Plan.

### **Key Program Outputs:**

- 1,644 permits, registrations, licences, and approvals issued under The Dangerous Handling and Transportation Act.
- 287 decisions issued and 107 monitoring reports reviewed under The Contaminated Sites Remediation Act.
- Launched e-forms for registration of hazardous waste generators to modernize the client experience.
- Modernized the environmental file search program by transitioning the process to an electronic system including payment processing for better client service.

- As part of a Provincial COVID-19 enforcement team, environment officers conducted inspections and assisted in enforcing Public Health Orders.
- Issued 72 warnings, started prosecution proceedings for 10 sites, and imposed fines on two sites.
- Maintained the 24-hour reporting line for environmental emergencies and the Emergency Response Team (ERT) to respond in the event of an emergency. During activation, participated with the Manitoba Emergency Coordination Centre.
- Represented Manitoba on various Canada-wide committees and working groups related to emergency response and environmental quality standards.

**Table ECE.1  
Environmental Compliance Summary 2020/21**

<b>Activities</b>	<b>2020/21</b>
<b>The Dangerous Goods Handling and Transportation Act</b>	
Hazardous Waste Generator Registrations Issued	221
Hazardous Waste Receiver Registrations Issued	20
Licence to Transport Hazardous Waste Issued	10
Approval to Dispose of PCB Waste Issued	30
Approval to Establish a PCB Storage Site Issued	03
Permit to Operate a Petroleum Storage Tank System	1,214
Permit to Construct or Alter a Petroleum Storage Tank System	89
Petroleum Technician Licences Issued or Renewed	57
<b>The Contaminated Sites Remediation Act</b>	
Designations	82
Remediation Plans Approved	93
Management Plans Approved	62
Monitoring Reports Reviewed	107
Revocations	52
Guidelines Issued	0
Information Bulletins Issued	0

**Table ECE.2  
Environmental Legislation Enforcement Summary 2020/21**

<b>Legislation</b>	<b>Prosecutions</b>	<b>Warnings</b>	<b>Orders</b>	<b>Fines(\$)</b>
Contaminated Sites Remediation Act	-	-	-	-
The Dangerous Goods Handling and Transportation Act	-	-	-	-
Storage and Handling of Petroleum Products and Allied Products Regulation	1	4	-	\$2,542
Dangerous Goods Handling and Transportation Regulation	-	-	-	-
Hazardous Waste Regulation	-	3	-	-
Environmental Accident Reporting Regulation	-	-	-	-
The Environment Act	1	3	-	-
Pesticides Regulation	-	1	-	-
Litter Regulation	-	6	-	-
Onsite Wastewater Management Systems Regulation	8	34	-	\$3,714
Notice and Reporting Regulation	-	1	-	-
Livestock Manure and Mortalities Management Regulation	-	9	-	-
Waste Management Facilities Regulation	-	11	-	-
Water and Wastewater Facility Operators Regulation	-	-	-	-
<b>Total</b>	<b>10</b>	<b>72</b>	<b>0</b>	<b>\$6256</b>

**Table ES.2**  
**12.3(b) Environmental Compliance and Enforcement**

Expenditures by Sub-appropriation	Actual 2020/21 \$(000)	FTE	Authority 2020/21 \$(000)	Variance Over/(Under) \$(000)	Expl. No.
Salaries and Employee Benefits	4,302	58.00	4,641	(339)	
Other Expenditures	584		828	(244)	
<b>Total 12.3(b)</b>	<b>4,886</b>	<b>58.00</b>	<b>5,469</b>	<b>(583)</b>	<b>1.</b>

1. Under-expenditure due to vacancies and general operating savings.

## Environmental Approvals

The Environmental Approvals branch is responsible for assessing requests and proposals, and issuing environmental approvals, permits and licences that protect human health and Manitoba's environment. It is also responsible for water power licensing and air quality management in Manitoba.

### Key Results Achieved:

- Managed the regulatory processes for applications for new and existing developments to ensure they were thoroughly assessed in accordance with The Environment Act, The Dangerous Goods Handling and Transportation Act, and associated regulations.
- Ensured that hydroelectric development on Crown land complied with the provisions of The Water Power Act and Regulation.
- Administered programs related to solid waste, hazardous waste, onsite wastewater management systems, water and wastewater facility operator certification, and livestock manure and mortalities.
- Facilitated public participation in the environmental assessment processes.
- Developed licence and permit terms and conditions that regulate construction and operation activities in an environmentally sustainable manner.
- Continued to improve the efficiency of approval, licensing and permitting processes and the effective use of resources. Implemented an e-form for the environmental file search program, allowing clients to submit and pay online.
- Actively engaged with City of Winnipeg officials and external stakeholders to review options to reduce nutrients from the city's wastewater treatment plants to meet provincial standards.
- Monitored ambient (outdoor) air quality parameters at the five established provincial sites and one temporary site, providing hourly air quality data for several pollutants, including ground level ozone, fine particulate matter, nitrogen oxides, sulfur dioxide, and carbon monoxide. Air quality data at three stations in southern Manitoba were used to provide hourly Air Quality Health Index forecast for the cities of Winnipeg and Brandon.
- Operated and maintained the publicly accessible air quality website ([www.ManitobaAirQuality.ca](http://www.ManitobaAirQuality.ca)) for display of near real-time and historical ambient air quality levels from the provincial air quality monitoring system.



**Key Program Outputs:**

A summary of the reviewed, processed and issued environmental approvals is provided in Table EAB.1 below.

**Table EAB.1  
Environmental Approvals Activities**

<b>Activities</b>	<b>2020/21</b>	<b>2019/20</b>	<b>2018/19</b>	<b>2017/18</b>	<b>2016/17</b>
<b>The Environment Act</b>					
Project proposals received	34	46	41	75	62
Licences issued	41	63	60	69	99
Project proposals refused	0	0	0	0	0
Minor alterations requests processed	113	92	74	67	63
Revision requests to licences approved	21	26	33	42	51
Other reviews – licence not required	41	36	25	45	46
Site inspections, monitoring	24	135	147	151	165
Waste management facility permits issued	43				
Pesticide use permits issued	62	81	68	106	108
Post-seasonal reports received/compiled	145	133	123	143	149
Public complaints investigated	4	12	8	10	13
Incinerator registrations processed	2	1	3	0	0
Manure storage permits issued	19	28	27	21	20
Manure storage repair authorizations	7	3	6	6	5
Manure storage facilities registered	12	7	12	11	15
Manure management plans registered	502	509	516	504	509
Manure management plans audited	23	17	27	12	9
Winter manure application requests	6	64	1	8	9
Multi-year manure phosphorus authorizations	2	1	0	5	3
Monitoring well submissions	0	228	195	178	185
<b>The Dangerous Goods Handling and Transportation Act</b>					
Project proposals received	16	29	42	20	10
Licences issued	21	15	25	18	16
Minor alterations requests processed	13	24	2	6	6
Pre-licensing activities	10	11	14	12	8
Site inspections, monitoring	2	9	10	15	9

<b>Activities</b>	<b>2020/21</b>	<b>2019/20</b>	<b>2018/19</b>	<b>2017/18</b>	<b>2016/17</b>
<b>The Public Health Act</b>					
Applications for certificates of approval processed	35	30	18	35	26
<b>Water and Wastewater Operator Certification Regulation</b>					
Certification examination	409	561	489	633	522
Facility classifications issued	91	104	108	50	342
Operators certificates issued	373	408	344	395	414
<b>The Water Power Act</b>					
Licences and Short Term Extension Licences issued	5	3			
Responses provided to circulars (Real Estate Services Division and Lands Branch)	60	88			
Water Power Withdrawals	3				
Treaty Land Entitlements	7				
<b>Environmental File Searches Processed</b>	695				

**Table EAB.2**

**Water Power Rentals for the year ended March 31, 2021 - \$(000)**

<b>Authority 2020/21</b>	<b>Actual 2020/21</b>	<b>Increase/ (Decreases)</b>	<b>Actual 2019/20</b>	<b>Variance 2020/21 verses 2019/20</b>
122,000	118,961	(3,039)	113,446	5,515

**Table ES.3**  
**12.3(c) Environmental Approvals**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	3,130	31.00	2,970	160	1.
Other Expenditures	184,901		1,861	183,040	2.
<b>Total 12.3(c)</b>	<b>188,031</b>	<b>31.00</b>	<b>4,831</b>	<b>183,200</b>	

1. Over-expenditure mainly due to a staffing secondment.
2. Over-expenditure mainly due to inflationary increase in environmental liabilities for contaminated sites and orphaned and abandoned mines.

## **Environmental Program Development**

The Environmental Program Development branch oversees a number of programs including waste diversion and recycling as well as the Orphaned and Abandoned Mines Rehabilitation Program (OAM) and Contaminated Sites. The OAM and Contaminated Sites programs aims to address the environmental and public safety concerns that remain with orphaned and abandoned mine sites and contaminated sites in Manitoba. Remediation and monitoring work is advanced and, when required, implemented to reduce Manitoba's risk of non-compliance with federal and provincial regulatory requirements and to support public safety.

The branch is also responsible for strategic planning and support for the development of waste diversion and recycling legislation, programs and initiatives. It works with industry, municipalities and stakeholders to deliver effective waste diversion and recycling programs to all Manitobans. The branch achieves these objectives by providing regulatory oversight to thirteen industry-funded stewardship programs for recycling and safe disposal of designated end-of-life materials through The Waste Reduction and Prevention Act and associated regulations. The branch also administers the Waste Reduction and Recycling Support Program, which collects landfill levies and provides support for waste diversion initiatives. The branch also uses innovative policy approaches to deliver on key initiatives.

### **Key Results Achieved**

- Implemented the Orphan and Abandoned Mines Program Rehabilitation 2020/21 Work Plan that advanced remediation work and water treatment at high priority sites including Sherridon and Ruttan mine sites.
- Developed a subprogram to address the long term monitoring and treatment that is required at high risks sites once remediation and construction has been completed. The subprogram is currently focusing on six priority sites.
- Updated the OAM website to advance transparency and provide information to stakeholders and community members.
- Completed Environmental Site Assessments and remedial options analyses at two contaminated sites in Sprague and Shilo which represent the first step toward site remediation.
- Provided regulatory oversight and actively engaged with the stewardship organizations, the public and other key stakeholders on recycling, waste diversion, new proposed stewardship program plans and safe disposal of designated products. Continued to work with stakeholders to expand the scope of stewardship programs to include new products and materials.

- Conducted a comprehensive Waste Diversion and Recycling Framework Review to identify opportunities to modernize and enhance the regulatory and programming frameworks for waste diversion and recycling in Manitoba.
- Approved a new industry-funded stewardship program that provides safe disposal options for household medical sharps, making Manitoba the third province to implement a regulated stewardship program for these products. This program helps ensure household medical sharps are disposed of properly, without harm to human health or the environment.
- Contributed progress towards zero plastic waste through development and implementation of action plans in support of the Canadian Council of Ministers of the Environment Canada-wide Strategy on Zero Plastic Waste. Served as a member of the Waste Reduction and Recovery Committee and represented Manitoba on three subcommittees.
- Provided \$10 Million to municipalities and organizations through the Waste Reduction and Recycling Support Program to support waste diversion and recycling efforts in Manitoba.
- Administered the Manitoba Composts Support Payment program, which provides incentive payments to municipal and commercial compost facilities participating in the program.
- Supported pilot projects, capacity building and research related to waste diversion and recycling, including projects exploring opportunities to divert bulky materials, such as furniture and car seats, from landfills, as well as a project for recycling plastics used in the agriculture industry.

### **Key Program Outputs**

- Worked collaboratively with Office of Provincial Comptroller to ensure proper valuations of the Orphaned and Abandoned Mines liability accounts and the Contaminated Sites liability accounts through careful analysis and applicable accounting entries.
- The thirteen industry-funded stewardship programs that operate under The Waste Reduction and Prevention Act regulations collectively diverted over 127,000 tonnes of end-of-life materials from Manitoba landfills in 2019.
- A total of \$6,977,442 from the Waste Reduction and Recycling Support program was rebated to municipalities and Northern communities based on 58,813 tonnes of eligible recycling reported (46 kg/capita) in 2020.
- A total of 55,113 tonnes of organic waste was diverted to compost facilities participating in the Manitoba Composts Support Payment program in 2020.

- Approximately 250 tonnes of hazardous products, including flammable, reactive, corrosive and toxic materials, and more than 6,000 compressed gas cylinders were safely disposed through provincially-funded initiatives for collecting residential hazardous waste in 2020/21.

**Table ES.4**  
**12.3(d) Environmental Program Development**

Expenditures by Sub-appropriation	Actual 2020/21 \$(000)	FTE	Authority 2020/21 \$(000)	Variance Over/(Under) \$(000)	Expl. No.
Salaries and Employee Benefits	905	13.00	1,109	(204)	1.
Other Expenditures	11,069		11,619	(550)	2.
Grant Assistance	37		37	0	
<b>Total 12.3(d)</b>	<b>12,011</b>	<b>13.00</b>	<b>12,765</b>	<b>(754)</b>	

1. Under-expenditure due to vacancies.
2. Under-expenditure due to the Waste Reduction Recycling program activity. The 2020/21 authority includes Supplementary Authority of \$2,806 from Internal Service Adjustments for the Waste Reduction and Recycling (WRARS) program.

## Office of Drinking Water

To improve outcomes for Manitobans, specifically the creation of conditions (safe drinking water supplies) that improve quality of life, the Office of Drinking Water is responsible for the administration of The Drinking Water Safety Act and its regulations. The Office of Drinking Water monitors the construction and operation of licensed public and semi-public water systems; implements a progressive risk-based enforcement strategy that facilitates water system compliance with regulatory requirements; and educates private water system owners through using educational materials and providing technical support.

### Key Results Achieved:

- Issued seven new public water system operating licences, 119 renewals, 14 amendments and 13 revocations, bringing the total number of licensed public water systems to 398. Issued 111 new semi-public water system operating licences, 14 interim operating licences, 135 renewals, 11 amendments and nine revocations, bringing the total number of licensed semi-public water systems to 757.
- Completed 172 routine and unscheduled on-site inspections of public water systems and 133 inspections of semi-public water systems, and issued 375 public water system report cards (annual audits). In 2020, inspections included a review of compliance with the Water and Wastewater Facility Operators Regulation under The Environment Act resulting in approximately 100 facilities referred to the Environmental Approvals branch for follow-up.
- Reviewed engineering assessment reports for three water systems, and checklist assessment reports for 25 water systems, and provided advice to owners and operators on ways to improve the overall safety and reliability of their water supplies.
- Re-designated two systems as non-potable in accordance with policies developed in collaboration with Manitoba Health and Seniors Care, bringing the total number of non-potable systems to 19.
- Took enforcement action to address the most critical non-compliance issues associated with bacteriological and disinfection standards; issued 180 letters of direction, 138 warnings, two tickets and laid one long form Information to non-compliant public and semi-public water systems.
- Worked with 19 water systems in the compliance planning process, including regular review of updates outlining steps that public water system owners intend to take to bring their water system into compliance with microbiological, chemical, and physical standards.

- Reviewed design plans and worked with engineering consultants, suppliers, and water system owners and operators to ensure compliance with drinking water quality standards and treatment requirements, and promote the adoption of industry best practices to improve the safety and reliability of drinking water supplies.
- Issued construction permits for 45 public water system projects and seven semi-public water system projects, and approvals for 49 other minor alterations, upgrades or extensions.
- Issued approvals for major upgrades to several larger community or regional water systems to improve compliance with provincial standards including a new water treatment plant in Gillam, and a new water source and treatment changes in Virden. Upgrades were also completed at the Red River Regional, Morris, Boissevain and Wawanesa water plants to improve compliance with provincial microbial standards.
- Other project designs addressed capacity concerns through expansion of water treatment works or water storage reservoirs to support community growth in Dugald, the Pembina Valley Water Co-operative regional water system, and the Poplar Bluff industrial park. Several projects involved expansion of newer municipal water systems and connecting existing, small water systems to municipal water supplies in the West St. Paul and Onanole-Elkhorn areas.
- Worked with approximately 15 small public and semi-public water systems to change their water source, or install disinfection or filtration equipment to meet drinking water standards.
- Reviewed commissioning reports for several previously approved projects including major upgrades to the Birds Hill South, Big Whiteshell and Kleefeld water systems, and construction of a new drinking water system for the Netley Creek RV park and new reservoirs to serve the Plum Coulee and Elie areas.
- Provided support to water system owners and operators in managing potential impacts of COVID-19, including regular updates with current information from Health Canada, the Canadian Water and Waste Association and other agencies. Hosted a webinar for Manitoba Operators on managing under COVID-19 in collaboration with the Environmental Approvals and Environmental Compliance and Enforcement branches. Drinking Water Officers also assisted in enforcing Public Health Orders related to COVID-19.
- Worked with Manitoba Health and Seniors Care and other partners to adopt and implement new provincial standards for lead, manganese, and total microcystins in drinking water. A number of new operational guidelines for water system operators were posted on the department website, including guidelines on monitoring for manganese and total microcystins in drinking water.



- Collaborated with Manitoba Health and Seniors Care, Education, and Families to initiate work to address the September 2020 Office of the Auditor General's report on "Provincial Oversight of Drinking Water Safety":
  - To address concerns with lead in drinking water at schools and child care centres in accordance with Recommendation 5, the Office of Drinking Water entered into a contract with an accredited laboratory to offer lead testing of drinking water at child care centres at no cost to the centres. A total of 206 of 720 eligible child care centres participated in the testing program. Staff also assisted schools and child care centres with interpretation of water quality test results.
  - The licensing backlog was addressed and tracking mechanisms put in place to ensure a 30 day turn around time from application receipt date to issuance of new, renewed or amended licences in accordance with Recommendation 2.
  - In accordance with Recommendation 3, the department identified roughly 100 new semi-public water systems with Agriculture and Resource Development.
  - In response to Recommendations 7 and 8, a risk-based inspection process was developed to set the priority and frequency of water system inspections, and all facilities were assessed for risk in accordance with the criteria; and a more robust inspection process including guidance for following up on items of noncompliance and supervisory review was developed and implemented.
  
- In support of the private water system program, the Office facilitated collection of 1,411 private well bacteriological test results through the provincial private well subsidy program, and responded to 435 telephone inquiries from concerned residents.
  
- In support of other provincial programs, the Office reviewed and commented on 89 Environment Act development proposals or licences; and approximately 300 subdivision applications.

**Table ES.5**  
**12.3(e) Office of Drinking Water**

Expenditures by Sub-appropriation	Actual 2020/21 \$(000)	FTE	Authority 2020/21 \$(000)	Variance Over/(Under) \$(000)	Expl. No.
Salaries and Employee Benefits	2,309	27.00	2,267	42	1.
Other Expenditures	602		622	(20)	2.
<b>Total 12.3(e)</b>	<b>2,911</b>	<b>27.00</b>	<b>2,889</b>	<b>22</b>	

1. Over-expenditure is mainly due to lack of vacancies to meet Staff Turnover Allowance.
2. Under-expenditure is due to Professional Services not incurred due to COVID-19.

## **Drainage and Water Rights Licensing**

The Drainage and Water Rights Licensing branch is responsible for administering and enforcing The Water Rights Act as it relates to water control works and water use and diversion.

Water control works include the construction and maintenance of private and municipal surface and subsurface drainage, dams, dykes, and works causing changes to water-flow direction or volume.

Water use for municipal, agricultural, and industrial purposes such as town water supplies, irrigation, and manufacturing is allocated and authorized under The Water Rights Act.

### **Drainage Section**

Authorization and enforcement of The Water Rights Act related to water control works is the responsibility of the Drainage Section of the branch. The need for authorization of water control works is intended to allow for the mitigation of negative impacts anticipated as a result of construction of water control works. Drainage section staff include water resource officers, senior water resource officers, and a geographical information systems operator.

#### **Key Results Achieved:**

- Received 807 new applications and issued 343 water control works licences and 330 registration certificates. Staff responded to 156 formal drainage complaints.
- Two drainage projects required financial compensation or wetland enhancement or restoration works. One project protected 10 acres to compensate for the alteration of a seasonal wetland (1.5 acres). Another project provided financial compensation (\$24,000) to compensate for the alteration of a seasonal wetland (2.0 acres).
- A total of seven offence notices and charges were issued under The Water Rights Act. An additional 25 warnings were issued for unauthorized water control works. A total of two orders were issued to remediate unauthorized water control works and to address ongoing impacts.

### **Water Use Licensing Section**

The Water Use Licensing Section of the branch is responsible for administration and enforcement of The Water Rights Act related to water use. Under the authority of the Act, this section processes applications for the allocation of surface water or groundwater for municipal, agricultural, industrial, irrigation, and other purposes. The primary duties of this program include: (1) effectively allocating water for beneficial uses while ensuring the protection of the interests of all Manitobans, and of third parties who may potentially be directly affected; (2)

providing optimal allocation based on the sustainability of the resource base; (3) assessing water use applications; (4) providing clients with quality service; and (5) considering and minimizing potential negative impacts of water use projects. Although most allocations are authorized for 10 year terms, section staff also respond to requests to divert and use water for short-term purposes. The Water Use Licensing Section is comprised of hydrogeologists, licensing technologists, a water resource specialist, a registrar, and a database and analytics technologist.

**Key Results Achieved:**

- Number of valid and subsisting water use licences was the highest on record at 1,368.
- A total of 121 new water use licences were issued.

**Table ES.6  
12.3(f) Drainage and Water Rights Licensing**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	2,262	30.00	2,386	(124)	1.
Other Expenditures	548		503	45	2.
<b>Total 12.3(f)</b>	<b>2,810</b>	<b>30.00</b>	<b>2,889</b>	<b>(79)</b>	

1. Under-expenditure mainly due to vacancies.
2. Over-expenditure due to general operating costs.

## Contingency for Lead Mitigation

Manitoba Conservation and Climate, in collaboration with the departments of Health and Seniors Care, Education, and Families, initiated a lead in soil and drinking water mitigation program in 2020/21. Program activities address recommendations in the September 2020 Office of the Auditor General Report on Provincial Oversight of Drinking Water and the report commissioned by the Manitoba government on Concentrations of Lead in Soil in Winnipeg Neighbourhoods. The recommendations include testing, remediation, monitoring, and community outreach and education.

During 2020/21, Conservation and Climate launched a fully funded lead in drinking water testing program for Manitoba child care centres where approximately 1/3 of eligible child care centres participated.

**Table ES.7**  
**12.3(g) Contingency for Lead Mitigation**

Expenditures by Sub-appropriation	Actual 2020/21 \$(000)	FTE	Authority 2020/21 \$(000)	Variance Over/(Under) \$(000)	Expl. No.
Other Expenditures	435		3,000	(2,565)	1.
<b>Total 12.3(g)</b>	<b>435</b>		<b>3,000</b>	<b>(2,565)</b>	

1. Under-expenditure mainly due to program components postponed to next year.

## **CLIMATE AND GREEN PLAN IMPLEMENTATION OFFICE**

The work of the Climate and Green Plan Implementation Office (CGPIO) supports Manitoba's vision of becoming Canada's cleanest, greenest and most climate resilient province. The office adopts leading practices and applies analysis to achieve the goals outlined in the Made-in-Manitoba Climate and Green Plan, which is founded on the four pillars of water, nature, climate, and jobs. The CGPIO works collaboratively to foster relationships with stakeholders, other jurisdictions and nongovernment organizations, and focuses on low carbon government operations.

The CGPIO also houses the Low Carbon Government Office, mandated to engage and lead government efforts to reduce greenhouse gas emissions and promote sustainable operations of summary government.

The CGPIO reports to the Clerk of Executive Council, underscoring the whole-of-government approach to delivering the Climate and Green Plan. The office also reports to the Minister of Conservation and Climate to ensure delivery of key mandate items. The governance structure of the CGPIO ensures effective and efficient delivery of the Made-in-Manitoba Climate and Green Plan.

### **Key Results Achieved:**

- The CGPIO coordinated efforts across government to implement measures to achieve the Carbon Savings Account (CSA) emission reduction target for 2018 to 2022, and began evaluating emission reduction pathways to inform a CSA target for the 2023-2027 period.
- Reviewed Environment and Climate Change Canada data and worked with third-party modelling experts to track and forecast Manitoba's greenhouse gas emissions, and evaluate greenhouse gas mitigation opportunities.
- The CGPIO continues to review the efficacy of different approaches to carbon pricing that reflect Manitoba's unique emissions profile and investments in clean energy, while achieving equivalent or better environmental outcomes than the federal carbon price and at a lower cost to Manitobans.
- Launched the Efficient Trucking Program, a financial incentive to assist heavy equipment owners to install fuel saving devices on their trucks and trailers. Eligible equipment includes low rolling resistance tires, improved aerodynamics, and anti-idling equipment. The first two rounds of the program led to retrofitting of a 2,474 units. The program is funded in partnership with Environment and Climate Change Canada through the Low Carbon Economy Fund.

- Manitoba launched the new Conservation and Climate Fund. Investments in green initiatives through the fund nearly doubled to a total of \$600,000 from the \$355,000 that was previously granted to various groups. The new fund also modernized the grant application processes for non-profit organizations; made businesses eligible to apply and facilitated more results-oriented projects. In 2020/2021 the province awarded \$600,000 to eight organizations throughout the province for local green initiatives that supported priorities of the Manitoba Climate and Green Plan. These projects addressed sustainable food production; community composting; clean energy; active transportation; climate adaptation of wetlands; and nutrient reduction in the Lake Winnipeg Basin.
- The Low Carbon Government Office collected building, vehicle and equipment information from the Government Reporting Entity for calendar years 2017-2019. This information allows the office to formulate policy, programs and initiatives to support the reduction of the whole-of-government operational emissions.
- The Low Carbon Government Office also administers the Manitoba Green Building Program, which applies to government-owned and government-funded new building construction and major renovation projects exceeding 600m<sup>2</sup> of gross floor area. The Manitoba Green Building Policy requires organizations comprising the Government Reporting Entity to apply the criteria identified in the Green Building Program to owned and funded building construction projects.
- In response to the recommendations made in the Auditor General report, in 2020 Manitoba began a vulnerability and risk assessment of core government departments and their operations. The assessment will provide scientific, technical and practitioner knowledge to identify climate change-related risks and opportunities that will serve to inform adaptation strategies. The province engaged the Prairie Climate Centre to provide guidance through the process.
- Manitoba continues to participate at the national level to bring forward Manitoba's priorities and unique cold climate perspective on policy and regulatory committees related to product standards, building codes and other related energy efficiency initiatives (e.g., building labelling, industrial energy efficiency etc.).
- In January 2021, Canada committed up to \$32.3 million over three years from the Low Carbon Economy Leadership Fund (LCEF) for Efficiency Manitoba's natural gas demand-side management programming. The federal support over three years from LCEF is matched equally by Efficiency Manitoba funding through Manitoba Hydro as required under The Efficiency Manitoba Act.
- On October 1, 2020, the CGPIO commenced the implementation of the Manitoba Climate Resilience Training Project, in partnership with Natural Resources Canada, through its Building Regional Adaptation Capacity and Expertise Program. The project designs and

delivers a comprehensive package of training and capacity building program to enhance knowledge, uptake of tools and collaboration among targeted sectors.

- The CPGIO provided coordination and secretarial support for the Expert Advisory Council and Youth Advisory Council to support Councils in delivering on their Ministerial mandated tasks:
  - The Conservation and Climate Minister and Agriculture and Resource Development Minister, received the recommendations of the Expert Advisory Council on a new province-wide water management strategy. These recommendations were based on extensive stakeholder engagement and advice from the Youth Advisory Council.
  - The Expert Advisory Council, along with its subcommittee, the Youth Advisory Council, conducted stakeholder engagement to inform their recommendations on a future Transportation Strategy for Manitoba.
  - The Youth Advisory Council completed its first year and successfully shared the youth perspective with the Expert Advisory Council. A new cohort was appointed in December 2020 and will serve for a year term until December 2021.
- Continued building partnerships and fostering dialogue with provincial partners, businesses and the non-profit sector:
  - The province partnered with the other prairie provinces and Canada in the establishment of ClimateWest, launched in January 2021. ClimateWest is a new central hub for climate services in Manitoba, Saskatchewan, and Alberta with a mandate to support people, communities, businesses, and governments to address climate change risks and vulnerabilities through planning and action. ClimateWest delivers access to credible, useful and timely climate information and data tailored to the region, investing in tools and training that build local capacity for the application of climate information in planning and action.
  - Manitoba worked in partnership through the Prairies Regional Adaptation Collaborative (PRAC) to complete its 2-year survey of adaptation planning by municipalities and Indigenous communities. This was a tripartite effort between Alberta, Saskatchewan and Manitoba. After 10 years in existence, PRAC will cease operations in 2021. The legacy of information and partnerships built by PRAC will continue through the newly created ClimateWest.
  - The CGPIO contributes to work undertaken by the Canadian Council of Ministers of the Environment and provided input on publications related to Climate Risk Management, and Natural Infrastructure. Additionally, the CGPIO contributed to ongoing committee work for adaptation, climate indicators, flood, drought, and government leadership in reducing its carbon footprint.

- The CGPIO participates on the Natural Resources Canada-sponsored National Adaptation Plenary and Platform. This body is a representation of provinces, territories, federal government departments, national indigenous groups, academia and sectorial leads. It provides a forum to share expertise and identify emerging climate adaptation issues across Canada.
- Manitoba supported the International Institute for Sustainable Development through its multi-year funding agreement which continued over 2020/21 and included delivery of research supporting implementation of the Climate and Green Plan. Research focused on sustainability challenges such as climate change and adaptation in the agriculture sector; circular economy; green economy indicators; natural infrastructure; net-zero emissions; and plastic waste management. The research reflected a whole-of-government approach, including the engagement of various host departments and their project leads.
- The CGPIO developed and maintained communication with non-profit organizations to support work on climate change mitigation and adaptation. Manitoba was part of the innovative AquaHacking challenge involving Lake Winnipeg. The province provided financial support to the International Institute for Sustainable Development to coordinate the project.
- The CGPIO prepared and presented a report on progress and achievements made over the year under the [Made-in-Manitoba Climate and Green Plan](#). Reporting on the progress the government has made is not only a legislated requirement, but also a demonstration of the government's efforts and an appropriate assessment to inform future policy.

**Table CCGIO.1**

**12.4(a) Climate Change and Green Plan Implementation Office**

Expenditures by Sub-appropriation	Actual 2020/21		Authority 2020/21	Variance Over/(Under)	Expl. No.
	\$ (000)	FTE	\$ (000)	\$ (000)	
Salaries and Employee Benefits	2,032	26.00	2,475	(443)	1
Other Expenditures	3,599		2,648	951	2.
<b>Total 12.4(a)</b>	<b>5,631</b>	<b>26.00</b>	<b>5,123</b>	<b>508</b>	

1. Under-expenditure due to vacancies.
2. Over-expenditure due to Green Fund Grants budgeted in the central funding appropriation (BA26), but paid from the department budget (BA12). The 2020/21 authority includes a Virement transfer of \$2,200 from Wildfire Suppression (12-5b) for grant payments associated with the Low Carbon Efficiency Fund.



## Energy Policy

The CGPIO works in close collaboration with stakeholders and crown corporations to deliver policies and programs related to energy in Manitoba. Staff in CGPIO worked on energy policy initiatives, even though the specific positions in the unit were vacant in the year.

### Key results achieved:

- On January 1, 2021, the Manitoba government amended regulations under The Biofuels Act to increase the amount of ethanol required in gasoline from 8.5 per cent to 9.25 per cent, and the amount of biodiesel in diesel fuel from 2 per cent to 3.5 per cent. These amendments and increases were recommended by the Expert Advisory Council and are the result of input from more than one hundred stakeholder organizations.
- The CGPIO received authority and initiated the tendering for consulting services to support the development of a new provincial energy policy and a hydrogen strategy.
- The CGPIO advanced energy efficiency with programs and provided support to Efficiency Manitoba and Manitoba Hydro:
  - On April 1, 2020, Manitoba's newest Crown Corporation, Efficiency Manitoba, officially commenced operations and implementation activities associated with its 2020-2023 Efficiency Plan. The Minister of Conservation and Climate approved the corporation's three-year plan, which includes a wide range of demand-side management programs and services for residential, Indigenous, income-qualified, commercial, institutional, industrial and agricultural customers. The government-mandated targets set in The Efficiency Manitoba Act require an annual energy savings average of 1.5 per cent of electric load and 0.75 per cent of natural gas load.
  - In October 2020, Manitoba signed the Energy Efficiency Requirements for Household Appliances Reconciliation Agreement that has been endorsed by Canada and other jurisdictions such as Ontario, British Columbia, Quebec, Nova Scotia and New Brunswick. This Regulatory Reconciliation and Cooperation Table agreement will provide greater certainty to industry as well as eliminate and prevent interprovincial trade barriers to household appliances.
  - The CGPIO continued to provide technical support to Crown Services to ensure a reliable supply of energy to consumers. The Office's Energy Unit proposed amendments to the electricity reliability standards regulation that forms part of The Manitoba Hydro Act. The amended regulation was implemented on January 1, 2021.

**Table CCGIO.2**  
**12.4(b) Energy Policy**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Salaries and Employee Benefits	0	3.00	250	(250)	1
Other Expenditures	0		258	(258)	2.
<b>Total 12.4(b)</b>	<b>0</b>	<b>3.00</b>	<b>508</b>	<b>(508)</b>	

1. Under-expenditure due to vacancies.
2. Under-expenditure due to expenses charged to main CGPIO budget.

## **MANITOBA WILDFIRE SERVICE**

The Manitoba Wildfire Service (MWS) is responsible for the operation of the Wildfire Service and prevention, detection and suppression of wildfires across the province. The branch manages all human, aircraft, equipment and supplies needed for fighting wildfires on behalf of the province. Staff monitor weather patterns, lightning strikes, soil moisture and forest conditions to determine the probability and location of wildfires, and to develop prevention and mitigation strategies.

The branch works in close cooperation with federal, provincial and municipal partners, and other firefighting agencies from other jurisdictions. Resources are shared through the Canadian Inter-Agency Forest Fire Centre - Mutual Aid Resource Sharing Agreement, as well as other border and compact agreements.

2020 was a below normal season with 151 fires occurring and 48,573 hectares burned. The 20-year average for this period is 440 fires. Northern Manitoba had less than normal fire activity, while the eastern half of the province was the area of concern. Below normal precipitation occurred during the months of September and October across the southern half of the province, setting the stage for drought conditions in the spring of 2021.

Community and value protection were often the priority for the Wildfire Service during the 2020 season, with partial or full evacuations of the communities of Pine Creek First Nation, and the Indigenous and Northern Relation communities of Camperville and Duck Bay.

During the 2020 fire season, Manitoba supported national and international response efforts, led by the Canadian Inter-Agency Forest Fire Centre (CIFFC) with air tanker support provided to the Provinces of Ontario and Quebec. Manitoba also supported the State of Oregon by supplying two incident management personnel in the fall of 2020.

The implementation of a new organizational structure, realignment of program budgets, implementation of a multi-year strategic plan to support the streaming of the Wildfire Service as a separate branch within the Department of Conservation and Climate, and COVID – 19 response planning were the priorities for the Wildfire Service during the 2020 season.

### **Key Results Achieved:**

#### **Air Operations**

- Four additional helicopter service contracts were awarded for the 2020, 2021 and 2022 seasons. This included two additional intermediate lift helicopters and two medium lift helicopters, bringing Manitoba's complement of contract helicopters from five to nine.

- The first contract helicopter started on May 1, 2020; the first air tanker dispatch occurred on May 12, 2020; and the first contract float plane came online on May 21, 2020.
- The first air tanker group stood down in Winnipeg on September 3, 2020; the second group on September 19, 2020; and the third group remained available until September 30, 2020.

**Aircraft Utilization Summary:**

<b>Air Tankers / Bird Dogs</b>	<b><u>2020</u></b>	<b><u>2019</u></b>	<b><u>2018</u></b>
Air Tankers CL-215/415 hours flown:	693.7	739.2	951.8
Bird Dog aircraft – TC-690 hours flown:	364.5	236.2	477.9
Casual Hires, Bird Dog hours flown:	0	195.6	18.6
<b>Fixed Wing</b>			
Contract DHC/T Otters (MGAS) hours flown:	380.0	567.9	552.1
Casual Hire – Fixed wing (all type) hours flown:			
<b>Helicopters Long term contract:</b>			
Intermediate R/W Hours flown:	408.8	356.6	596.7
Medium R/W Hours flown:	774.2	770.1	1,354.9
<b>Casual Hire:</b>			
Light R/W Hours flown:	0	0	110.3
Intermediate R/W Hours flown:	301.6	1,117.8	2,465.7
Medium R/W Hours flown:	38.9	760.6	907.2

**Resource Imports and Exports through the Canadian Inter- Agency Forest Fire Centre (CIFFC)**

**Imports:**

- Ontario supported Manitoba with four CL-415 air tanker quick strikes along the Ontario border.

**Exports:**

- The branch exported the following resources within Canada during the 2020 season:
  - Two deployments of CL-415 air tanker groups to the Province of Ontario.
  - Two deployments of CL-415 air tanker groups to the Province of Quebec.
  - Manitoba supported Ontario with four CL-415 air tanker quick strikes along the Ontario border.
  - Two incident management team personnel were deployed to the State of Oregon.

### **Science, Information Technology and Communications:**

- 2020 was the first wildfire season operating with the new Operations Fire Management System (OpsFMS) which was upgraded for Windows 10 compatibility the previous year.
- A pre-scoping quick estimate process was completed over the winter of 2020/21 with the intent to modernize the remainder of the automated processes which feed data into OpsFMS (fire mapping, lightning detection, weather data collection and forecasting, aircraft tracking, etc.), and provide a supported long-term hosting solution to better serve the public and allow integration with stakeholders.
- The Westray fire weather station was upgraded from a telephone landline to communicate via GOES satellite, allowing for IP-based data collection.
- For the second consecutive year, the branch partnered with the Canadian Forest Service (CFS) which assisted by conducting post-season fire mapping based on satellite imagery. The result is a more accurate final size that differentiates between burned and unburned areas inside the fire perimeter.

### **Prevention and Mitigation:**

- Assisted external stakeholders in addressing community wildfire planning and mitigation projects, including developing and delivering FireSmart training to an Indigenous community as part of a federally funded mitigation project undertaken by the community.
- Completed a FireSmart Wildfire Management Strategy for the Whiteshell Provincial Park to identify wildfire concerns and make recommendations for managing hazard and risk in fire and fuel management decision making.
- In partnership with the Department of Municipal Relations, supported wildfire prevention and mitigation programming through partner agencies. This included support to FireSmart Canada to develop and distribute a new publication entitled “Blazing the Trail – Celebrating Indigenous Fire Stewardship” to indigenous communities and organizations across Canada, and the Boreal Discovery Centre in Thompson to develop a wildfire education exhibit.
- Assisted the northern community of Gillam to complete a Community Wildfire Protection Plan, to ensure efficient and effective response to wildfire and a FireSmart mitigation strategy to minimize wildfire hazards, and risks and improve community resiliency.
- Advocated for Manitoba’s perspective in the wildfire community through participation on national and international prevention and mitigation committees.

- In cooperation with the Conservation Officer Service, ensured wildland fire investigations were completed to reduce the human caused element.
  - Six wildfires investigations completed.
  - Nine charges laid under the Wildfires Act.
  - 15 warnings issued under the Wildfires Act.

## **Training and Staff Development**

Training and development activities were significantly impacted by COVID-19 in 2020. Courses were converted to online or web-based deliveries where possible to ensure consistency with COVID-19 regulations and best practices. National and international advanced level Incident Command System (ICS) and specialist courses were not available, limiting training and development of Incident Management Team personnel. Mandatory staff training was completed as a priority. Participation in respectful workplace training was prioritized for full time and seasonal staff.

- 37 Initial Attack fire fighters (Type I) were trained and certified to the Canadian Interagency Forest Fire Centre (CIFFC) exchange standards. These included: I-100 standard course - initial attack crew member training program, helicopter hover exit – training/certification, Workplace Hazardous Materials Information Systems (WHMIS), Transportation of Dangerous Goods (TDG), and chainsaw safety.
- Seven Initial Attack Crew Leaders (Type I) were trained and certified to the Canadian Interagency Forest Fire Centre (CIFFC) exchange standards.
- 15 Strike Team / Task Force Leaders were trained to function as multiple crew supervisors during wildfire suppression operations
- 14 Division Supervisors were trained to function and geographic area operations managers during wildfire suppression operations
- Four department staff were trained and certified to ICS 300 ensuring compliance with national training standards. Incident Command System training was conducted through the Manitoba Emergency Services College.
- Emergency firefighter training at the community level was significantly reduce due to community lockdowns and concerns related to COVID-19 transmission. Emergency fire fighters trained:
  - 16 Type II Emergency Fire Fighter Crew Leaders
  - Six Type III Emergency Fire Fighter Crew Leaders
  - 14 Type III Emergency Fire Fighters

Note: for more information on the Divisional Administration for the Manitoba [Wildfire Service](#), please refer to the more extensive section in 12.2(b) of this Annual Report.

**Table PRS.1  
2020 - Number of Fires and Area Burned by Region**

CAUSE	East		North		West		Province	
	# Fires	Area burned (hectares)	# Fires	Area burned (hectares)	# Fires	Area burned (hectares)	# Fires	Area burned (hectares)
Recreation	8	130.5	1	2.0	1	2.8	10	135.3
Settlement	2	4.4	1	2.0			3	6.4
Woods operations								
other industry	3	479.2			1	0.1	4	479.3
Railroads	3	0.9					3	0.9
Public projects	1	0.4					1	0.4
Incendiary	25	2,583.1			5	27,276.9	30	29,860.0
Miscellaneous	6	15.7	4	5.1			10	20.8
Agricultural	6	209.7					6	209.7
Not Available	3	1.8	2	1.1	8	3,551.9	13	3,554.8
Lightning	27	9,134.4	42	5,168.6	2	3.1	71	14,306.1
All causes	84	12,560.1	50	5,178.8	17	30,834.8	151	48,573.7

Table PRS.2

2020 - Number of Fires and Area Burned by Priority Zone and Response Type

	Full Response Fires				Modified Response Fires				Monitored Response Fires				No Response Fires				All Fires			
	# Fires	% Fires	Area burned (hectares)	% of area burned	# Fires	% Fires	Area burned (hectares)	% of area burned	# Fires	% Fires	Area burned (hectares)	% of area burned	# Fires	% Fires	Area burned (hectares)	% of area burned	# Fires	% Fires	Area burned (hectares)	% of area burned
<b>RED</b>	92	60.93	41,919.1	86.3					5	3.31	1,400.3	2.88					97	64.24	43,319.4	89.18
<b>GREEN</b>	18	11.92	146.7	0.3	1	0.66	1.5	0.003	3	1.99	1.7	0.004					22	14.57	149.9	0.31
<b>WHITE</b>	1	0.66	5	0.01	15	9.93	3,569.5	7.35	14	9.27	1,072.2	2.21	2	1.32	457.7	0.94	32	21.19	5,104.4	10.51
<b>ALL ZONES</b>	111	73.51	42,070.8	86.61	16	10.59	3,571	7.35	22	14.57	2,474.2	5.09	2	1.32	457.7	0.94	151	100	48,573.7	100



**Table PRS.3**  
**2020 – Area Burned by Priority Zone**

	<b>Zone Area (ha.)</b>	<b>Hectares Burned</b>	<b>% of Zone Burned</b>
<b>Red</b>	11,265,951.1	43,319.4	0.385
<b>Green</b>	13,204,259.1	149.9	0.001
<b>White</b>	23,281,405.7	5,104.4	0.022
<b>All Zones</b>	<b>47,751,615.9</b>	<b>48,573.7</b>	<b>0.102</b>

**Figure 1**

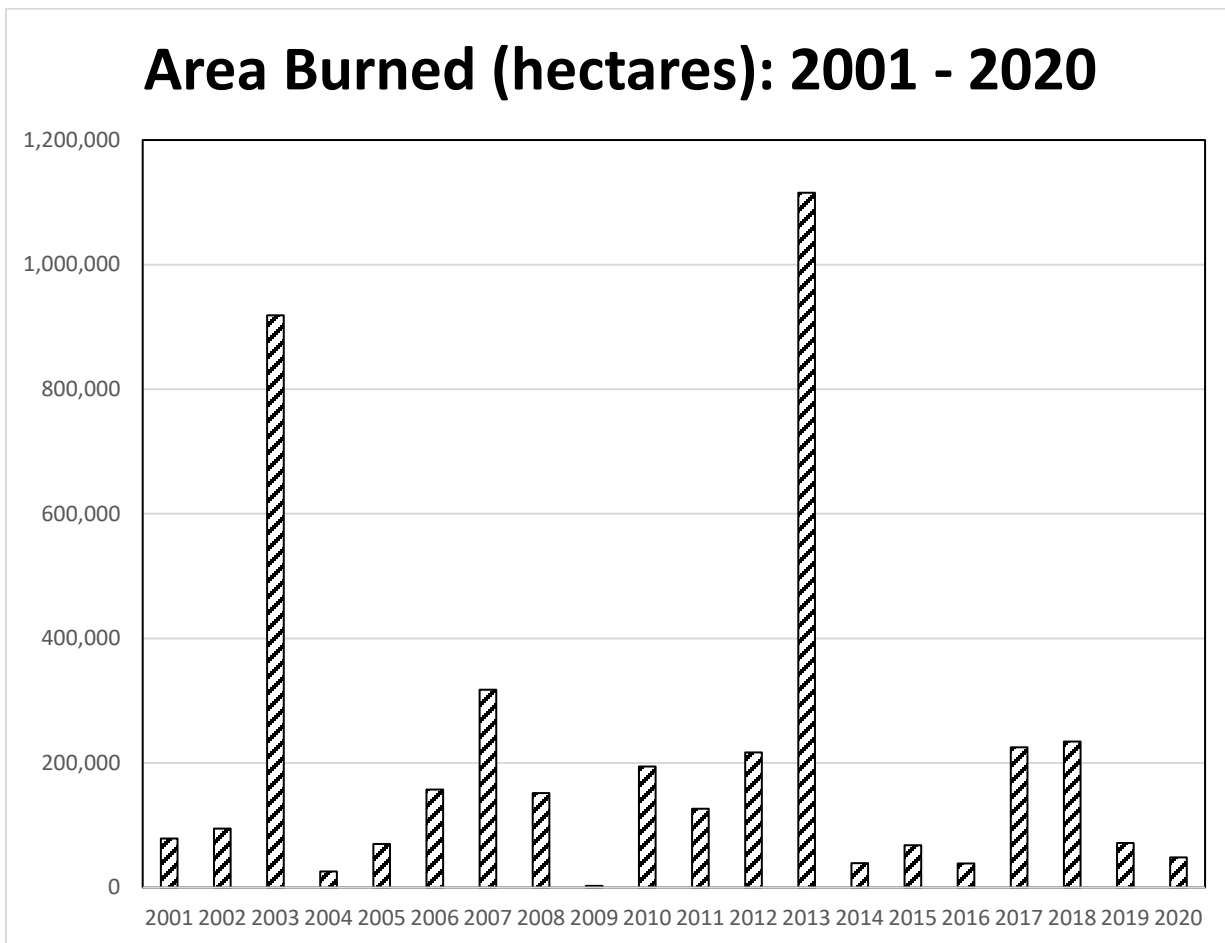
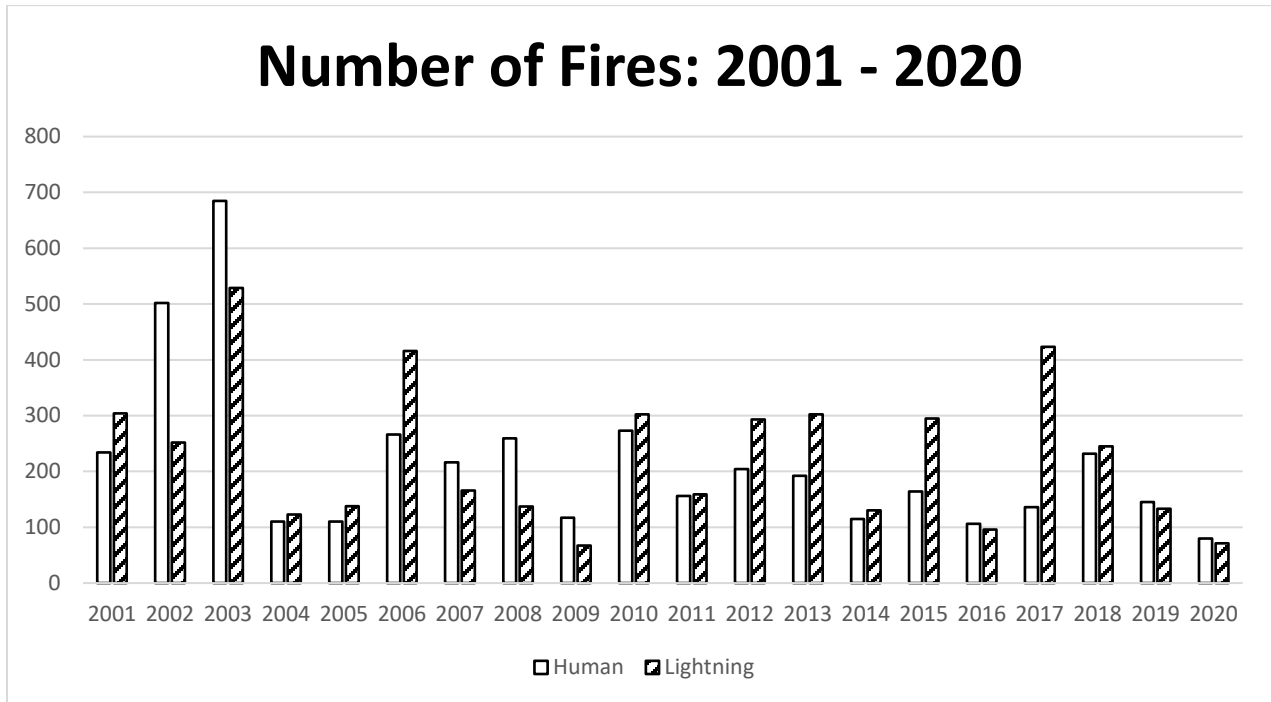


Figure 2



**Table WS.1**  
**12.5(a) Manitoba Wildfire Service**

Expenditures by Sub-appropriation	Actual 2020/21 \$(000)	FTE	Authority 2020/21 \$(000)	Variance Over/(Under) \$(000)	Expl. No.
Salaries and Employee Benefits	8,721	56.05	9,264	(543)	1.
Other Expenditures	10,902		10,606	296	2.
<b>Total 12.5(a)</b>	<b>19,623</b>	<b>56.05</b>	<b>19,870</b>	<b>(247)</b>	

1. Under-expenditure due to vacancies.
2. Over-expenditure due to Special Projects approved by Treasury Board.

## Manitoba Wildfire Service – Extra Suppression

The Manitoba Wildfire Service ensured adequate personnel, aircraft, equipment and other resources were available to achieve safe, efficient and cost effective wildfire suppression activities to mitigate human, property and resource losses.

**Table WS.2**

**12.5(b) Wildfire Suppression**

<b>Expenditures by Sub-appropriation</b>	<b>Actual 2020/21 \$(000)</b>	<b>FTE</b>	<b>Authority 2020/21 \$(000)</b>	<b>Variance Over/(Under) \$(000)</b>	<b>Expl. No.</b>
Other Expenditures	22,948		25,361	(2,413)	1.
<b>Total 12.5(b)</b>	<b>22,948</b>		<b>25,361</b>	<b>(2,413)</b>	

1. Under-expenditure due to below average fire season. The 2020/21 authority includes approved Virement transfers of \$1,375 to Parks (12-2a and 2b) and \$2,200 to Climate and Green Plan Implementation Office (12-4a-2).

## Part A - Costs Related to Capital Assets

Costs related to Capital Assets are allocated in each department's budget for all amortization expenses on capital investments under the responsibility of Conservation and Climate. The budget allocations follow the format for Part B by separating General Assets and Infrastructure.

**General Assets** - Funding for the construction of new facilities or the improvement of existing facilities that are used by government personnel to deliver services to the public. General Assets also includes the acquisition of machinery, equipment, and major computer software programs.

**Infrastructure Assets** - Funding provides for the construction of new facilities or the improvement of existing facilities that are used by the general public throughout the department's program areas. The majority of this funding is represented throughout provincial parks.

**Table ACA.1**

### 12.6 Costs Related to Capital Assets

Expenditures by Sub-appropriation	Actual 2020/21 \$(000)	FTE	Authority 2020/21 \$(000)	Variance Over/(Under) \$(000)	Expl. No.
(a) General Assets					
(1) Amortization Expense	4,767		4,660	107	1.
(b) Infrastructure Assets					
(1) Amortization Expense	5,678		5,637	41	2.
<b>Total 12.6</b>	<b>10,445</b>		<b>10,297</b>	<b>148</b>	

1. Over-expenditure mainly due to betterment of Water Bomber propellers.
2. Over-expenditure due to projects completed in 2020/21, deferred from 2019/20.

## **Part B – Capital Investment**

### **General Assets**

General Assets funding provides for the construction of new facilities or the improvement of existing facilities that are used by government personnel to deliver services to the public. General Assets also includes the acquisition of machinery, equipment, and major computer software programs.

#### **Key Results Achieved:**

- Bunkhouse improvement projects were completed at Spruce Woods and Hecla Provincial Parks, and construction of a new Falcon Lake Maintenance Shop in Whiteshell Provincial Park.
- Construction of a bunkhouse and office building began at the Marchand Initial Attack Base in southeastern Manitoba. Renovations and repairs were completed at Paint Lake Initial Attack Base facilities in northern Manitoba. The facilities are used to support Wildfire program operations.
- Completed the design, construction, and installation of equipment of a new Air Monitoring Mobile Lab Vehicle. The mobile lab will allow for on-site air quality ambient and source monitoring, timely response to emergencies in support of the Emergency Environmental Response Team, and support general compliance of air quality regulations.
- Machinery and equipment purchases included utility trailers, industrial riding lawn mowers, and boat/motors/trailers in order to maintain service delivery levels. In addition, new avionics and propellers were installed on two - CL415 water bomber planes to support Wildfire program operations.

### **Infrastructure Assets**

Infrastructure Assets provides funding for the construction of new facilities or the improvement of existing facilities that are used by the public throughout the department's program areas. The majority of this funding is represented throughout provincial parks.

#### **Key Results Achieved:**

- The Department completed phase 1 of the Duff Roblin Provincial Park initiative that included the development of a new park facility around the inlet control structure of the Red River Floodway. This is a multi-year project to enhance public access to the area.

- Installation of new playgrounds facilities were completed at Hecla, Grand Beach, Brereton Lake, Grass River (Gyles), Moose Lake and Adam Lake.
- Completed new seawall lighting on the Winnipeg Beach boardwalk to address limited light in the area. The lighting was requested by the community to mitigate public safety concerns.
- Continued work on upgrades to the wastewater lagoons at South Whiteshell and Grand Beach campgrounds. The work at these lagoons represent multi-year projects that will improve wastewater management systems in the parks. These projects are supported by the Manitoba Restart initiative.
- Continued upgrades of facilities located at Big Whiteshell, Birds Hill South, Brereton Lake, Grand Beach (Manitoba Restart initiative), Hecla and Paint Lake water treatment plants.
- The Whiteshell Recycling initiative commenced in 2020/21 to improve waste management process and infrastructure and increase recycling rates in Whiteshell Provincial Park.
- Minor works were also completed at a number of waste transfer stations including Nopiming/Bird Lake, Grand Beach and Adam Lake.
- Completed the asphalt surface renewal on the Falcon Lake South Shore Road, including minor base repair and drainage improvements. The project was a joint project with Manitoba Infrastructure and was part of the MB150 initiative.

**Table ACA.2**

**12.7 Part B – Capital Investments**

Expenditures by Sub-appropriation	Actual 2020/21 \$(000)	FTE	Authority 2020/21 \$(000)	Variance Over/(Under) \$(000)	Expl. No.
(a) General Assets					
(1) Information Technology Projects	0		0	0	
(2) Other Equipment and Buildings	4,496		3,435	1,061	
(b) Infrastructure Assets					
(1) Infrastructure Assets	6,041		7,312	(1,271)	
<b>Total 12.7</b>	<b>10,537</b>		<b>10,747</b>	<b>(270)</b>	<b>1.</b>

1. Under-expenditure due to project deferrals related to Parks infrastructure.

# FINANCIAL INFORMATION SECTION

Table RE.1

## Reconciliation Statement

DETAILS	2020/21 ESTIMATES
<p><b>2020/21 MAIN ESTIMATES</b></p> <p><b>MAIN ESTIMATES AUTHORITY TRANSFERRED FROM:</b></p> <ul style="list-style-type: none"> <li>• Enabling Appropriation</li> <li>• Internal Service Adjustments</li> </ul>	<p>\$129,272</p> <p>22,806</p>
<p><b>2020/21 ESTIMATE</b></p>	<p><b>\$152,078</b></p>

## Revenue Summary Table

Table RE.2

### Revenue Summary by Source

For the year ended March 31, 2021 with comparative figures for the previous year

Actual 2019/20	Actual 2020/21	Increase (Decrease)	Source	Actual 2020/21	Estimate 2020/21	Variance	Expl. No.
<b>OTHER REVENUE:</b>							
0	0	0	Clean Environment Commission Cost Recovery	0	100	(100)	1.
624	641	17	Environment Fees and Sundry	641	553	88	2.
18,816	20,998	2,182	Parks Fees	20,998	17,672	3,326	3.
5,448	7,130	1,682	Regional Operations Fees and Cost Recovery	7,130	5,320	1,810	4.
113,446	118,961	5,515	Water Power Rentals	118,961	122,000	(3,039)	5.
146	416	270	Water Resources Sundry	416	466	(50)	6.
565	411	(154)	Sundry	411	170	241	7.
0	0	0	Land Sales	0	5,000	(5,000)	8.
<b>139,045</b>	<b>148,557</b>	<b>9,512</b>	<b>Subtotal</b>	<b>148,557</b>	<b>151,281</b>	<b>(2,724)</b>	
<b>GOVERNMENT OF CANADA:</b>							
0	3,272	3,272	Climate Change Agreements	3,272	0	3,272	9.
<b>0</b>	<b>3,272</b>	<b>3,272</b>	<b>Subtotal</b>	<b>3,272</b>	<b>0</b>	<b>3,272</b>	
<b>139,045</b>	<b>151,829</b>	<b>12,784</b>	<b>Total</b>	<b>151,829</b>	<b>151,281</b>	<b>548</b>	
17	0	(17)	Sale of Government Assets	0	0	0	

#### Explanation Number:

1. No revenue in 2020/21 as there were no hearings by the Commission during the current year.
2. Higher revenue primarily due to higher pesticide approval applications, certification fees, environmental remediation fees and on-site wastewater management fees.
3. Higher revenue due to parks camping fees, vehicle permit fees, vacation cabin and yurts rentals and lot rentals.
4. Higher regional operations fees and cost recovery revenue due to providing forest fire suppression assistance to Ontario, Quebec and Australia.
5. Lower revenue due to lower than anticipated precipitation and system water inflows.
6. Lower revenue due to a reduction in water rights and well drilling licence applications received in 2020/21.
7. Higher revenue generated due to higher volume of sales.
8. No revenues from land sales due to the delay in policy development and property assessments for Crown Land (vacation home lots) with in Manitoba Provincial Parks.
9. Revenues for climate change agreements was recognized in 2020/21 because of a policy change that requires Government of Canada's contributions to flow directly into general revenue instead of offsetting program expenses.



## Expenditure Summary Table

Table RE.3

For fiscal year ended March 31, 2021 with comparative figures for the previous year.

Estimate 2020/21 Appropriation		Actual 2020/21	Actual 2019/20	Increase (Decrease)	Expl. No.
<b>12-1 Finance and Shared Services</b>					
42 (a)	Minister's Salary	42	43	(1)	
	(b) Executive Support				
691	Salaries and Employee Benefits	713	726	(13)	
182	Other Expenditures	50	101	(51)	1.
	(c) Administration and Financial Services				
3,515	Salaries and Employee Benefits	3,301	3,564	(263)	2.
708	Other Expenditures	1,158	1,396	(238)	3.
	(d) Clean Environment Commission				
334	Salaries and Employee Benefits	318	304	14	
79	Other Expenditures	33	34	(1)	
	(e) Legislation, Policy and Co-ordination				
786	Salaries and Employee Benefits	522	446	76	4.
97	Other Expenditures	39	76	(37)	
<b>6,434</b>	<b>Total 12-1</b>	<b>6,176</b>	<b>6,690</b>	<b>(514)</b>	
<b>12-2 Parks and Resource Protection</b>					
	(a) Parks and Protected Spaces				
19,474	Salaries and Employee Benefits	19,187	19,755	(568)	5.
29,381	Other Expenditures	29,986	9,473	20,513	6.
393	Grant Assistance	392	392	0	
	(b) Divisional Administration				
2,462	Salaries and Employee Benefits	2,130	2,177	(47)	
551	Other Expenditures	553	577	(24)	
<b>52,261</b>	<b>Total 12-2</b>	<b>52,248</b>	<b>32,374</b>	<b>19,874</b>	
<b>12-3 Environmental Stewardship</b>					
	(a) Divisional Administration				
338	Salaries and Employee Benefits	414	270	144	7.
43	Other Expenditures	51	55	(4)	
	(b) Environmental Compliance and Enforcement				
4,641	Salaries and Employee Benefits	4,302	4,418	(116)	8.
828	Other Expenditures	584	666	(82)	

<b>Estimate 2020/21 Appropriation</b>		<b>Actual 2020/21</b>	<b>Actual 2019/20</b>	<b>Increase (Decrease)</b>	<b>Expl. No.</b>
<b>(c) Environmental Approvals</b>					
2,970	Salaries and Employee Benefits	3,130	2,834	296	9.
1,861	Other Expenditures	184,901	8,779	176,122	10.
<b>(d) Environment Program Development</b>					
1,109	Salaries and Employee Benefits	905	890	15	
11,619	Other Expenditures	11,069	108	10,961	11.
37	Grant Assistance	37	67	(30)	
<b>(e) Office of Drinking Water</b>					
2,267	Salaries and Employee Benefits	2,309	2,161	148	12.
622	Other Expenditures	602	666	(64)	
<b>(f) Drainage and Water Rights Licensing</b>					
2,386	Salaries and Employee Benefits	2,262	2,406	(144)	13.
503	Other Expenditures	548	492	56	
<b>(g) Contingency for Lead Mitigation</b>					
3,000	Other Expenditures	435	0	435	14.
<b>32,224 Total 12-3</b>		<b>211,549</b>	<b>23,812</b>	<b>187,737</b>	
<b>12-4 Climate Change and Green Plan Implementation Office</b>					
<b>(a) Climate Change and Green Plan Implementation Office</b>					
2,475	Salaries and Employee Benefits	2,032	2,314	(282)	15.
2,648	Other Expenditures	3,599	378	3,221	16.
<b>(b) Energy Policy</b>					
250	Salaries and Employee Benefits	0	0	0	
258	Other Expenditures	0	0	0	
<b>5,631 Total 12-4</b>		<b>5,631</b>	<b>2,692</b>	<b>2,939</b>	
<b>12-5 Manitoba Wildfire Service</b>					
<b>(a) Wildfire Service</b>					
9,264	Salaries and Employee Benefits	8,721	8,700	21	
10,606	Other Expenditures	10,902	10,223	679	17.
<b>(b) Wildfire Suppression</b>					
25,361	Other Expenditures	22,948	29,500	(6,552)	18.
<b>42,231 Total 12-5</b>		<b>42,571</b>	<b>48,423</b>	<b>(5,852)</b>	

<b>Estimate</b>			<b>Actual</b>	<b>Actual</b>	<b>Increase</b>	<b>Expl.</b>
<b>2020/21 Appropriation</b>			<b>2020/21</b>	<b>2019/20</b>	<b>(Decrease)</b>	<b>No.</b>
<b>12-6 Costs Related to Capital Assets</b>						
<b>(a) General Assets</b>						
4,660	(1)	Amortization Expense	4,767	4,782	(15)	
<b>(b) Infrastructure Assets</b>						
5,637	(1)	Amortization Expense	5,678	5,405	273	19.
<b>10,297 Total 12-6</b>			<b>10,445</b>	<b>10,187</b>	<b>258</b>	
<b>152,078 TOTAL EXPENDITURES</b>			<b>328,620</b>	<b>124,178</b>	<b>204,442</b>	
<b>B.12 Capital Investment</b>						
<b>(a) General Assets</b>						
0	(1)	Information Technology Projects	0	0	0	
3,435	(2)	Other Equipment and Buildings	4,496	1,947	2,549	20.
<b>(b) Infrastructure Assets</b>						
7,312	(1)	Infrastructure Projects	6,041	12,519	(6,478)	21.
<b>10,747 TOTAL B.12 CAPITAL INVESTMENT</b>			<b>10,537</b>	<b>14,466</b>	<b>(3,929)</b>	

**Explanation Number:**

1. The decrease is due to lower expenditures, due to COVID-19 restraints in 2020/21.
2. The decrease is due to vacancies and reduced work week savings in 2020/21.
3. The decrease is due to employee costs related to travel, vehicles, insurance, and training, due to COVID-19 restraints.
4. The increase is due to filling of vacancies in 2020/21.
5. The decrease is due to vacancies in 2020/21.
6. The increase is due to set up of Provincial Park Endowment Fund with Winnipeg Foundation in 2020/21, as well as parks maintenance costs, to keep busier Manitoba parks operational and safe for Manitobans.
7. The increase is due to filling of positions, some of which were deployed in support of COVID-19 activities and hiring of students in 2020/21.
8. The decrease is due to vacancies in 2020/21.
9. The increase is due to filling of vacancies, secondment of a staff member, and hiring of students in 2020/21.
10. The increase is due to higher year over year variance for setting up inflationary cost for environmental liabilities related to the Provincial Contaminated Sites and Abandoned Mines based on sites reviewed by Engineering Consultants in 2020/21.
11. The increase is due to expenditures related to Waste Reduction and Recycling program.
12. The increase is due to filling of vacancies in 2020/21.
13. The decrease is due to vacancies in 2020/21.
14. The increase is due to a newly created budget line for lead mitigation in 2020/21.
15. The decrease is due to vacancies in 2020/21.

<b>Estimate</b>	<b>Actual</b>	<b>Actual</b>	<b>Increase</b>	<b>Expl.</b>
<b>2020/21 Appropriation</b>	<b>2020/21</b>	<b>2019/20</b>	<b>(Decrease)</b>	<b>No.</b>
16. The increase is due to the grant payments associated with the Low Carbon Economy Fund in 2020/21.				
17. The increase is due to COVID-19 pandemic expenditures and approved special projects related to wildfire remediation, providing public education on fire prevention and hazards awareness whilst using provincial parks facilities.				
18. The decrease is due to a lower fire suppression season for fighting provincial wildfires in Manitoba in 2020/21.				
19. The increase is due to completion of various Infrastructure projects including Falcon Lake South Shore Road, Duff Roblin Provincial Park, Big Whiteshell campground office, Birds Hill water treatment plant, Adam Lake wastewater lagoon and Nopiming transfer station in 2020/21.				
20. The increase is due to avionic upgrades to water bomber fleet in 2020/21.				
21. The decrease is due to completion of various parks infrastructure projects in 2019/20.				

## Five Year Expenditure and Staffing Summary

### by Main Appropriation

For year ending March 31, 2017 – March 31, 2021\*

**Table RE.4**

	2016/17		2017/18		2018/19		2019/20		2020/21	
	FTEs	\$(000)	FTEs	\$(000)	FTEs	\$(000)	FTEs	\$(000)	FTEs	\$(000)
Finance and Shared Services	72.00	7,630	77.00	6,634	67.00	6,529	66.00	6,690	67.00	6,176
Parks and Resource Protection	177.45	43,168	178.45	43,611	164.30	40,267	159.20	32,374	159.20	52,248
Environmental Stewardship	180.00	20,787	161.00	23,409	166.00	20,804	164.00	23,812	164.00	211,549
Climate and Green Plan Implementation Office	26.00	2,664	26.00	2,620	26.00	2,161	29.00	2,692	29.00	5,631
Wildfire Service	56.25	36,180	56.25	42,655	56.25	53,163	55.25	48,423	56.05	42,571
Costs Related to Capital Assets		16,628		15,386		14,404		10,187		10,445
<b>Total Appropriations</b>	<b>511.70</b>	<b>127,057</b>	<b>498.70</b>	<b>134,315</b>	<b>479.55</b>	<b>137,328</b>	<b>473.45</b>	<b>124,178</b>	<b>475.25</b>	<b>328,620</b>

\* Adjusted figures reflect historical date on a comparable basis in those appropriations affected by re-organization, during the years under review.

Note: The large increase in 2020/21 Actuals is due to \$183M for increase of Orphan & Abandoned Mines liability and \$20M for Provincial Parks Endowment Strategy.

## Performance Reporting – Indicators of Progress against Priorities

What is being measured and using what indicator?	Why is it important to measure this?	Where are we starting from (baseline measurement)?	What is the 2020/2021 (current year) result or most recent available data?	What is the trend over time?	Comments/recent actions/report links
<p>The number of certificates received by participants in the Certificate of Indigenous Relations Program (CIRP).</p>	<p>This program was developed in response to the Truth and Reconciliation Report (2016) Call to Action #57 to educate public servants on Indigenous history, rights, culture, and relations. The program aims to increase staff capacity to undertake Crown Consultation obligations, practice relationship building, and advance Reconciliation within the departments of Conservation and Climate and Agriculture and Resource Development (ARD).</p>	<p>2020/21 was the fifth year of CIRP. The program is completed over one fiscal year.</p>	<p>Five staff from Manitoba Conservation and Climate completed the program and received their certificates.</p>	<p>Continued joint coordination of CIRP with ARD is being considered for financial efficiency and reducing pressures on local community resources.</p> <p>Certificate holders are resources for their branches regarding Indigenous consultation requirements and relationship building that will assist in informed decision making and development of policies and programs that consider and benefit Indigenous communities.</p>	<p>The fifth year of the program was jointly coordinated between CC and ARD. The program had 12 participants (five Conservation and Climate staff and seven ARD staff) with five department staff receiving certificates.</p> <p>Due to ongoing COVID-19 restrictions, the program was modified and delivered in an online learning format during 2020/21.</p>

What is being measured and using what indicator?	Why is it important to measure this?	Where are we starting from (baseline measurement)?	What is the 2020/2021 (current year) result or most recent available data?	What is the trend over time?	Comments/recent actions/report links
<p>The availability of high quality outdoor recreation opportunities and experiences for Manitobans; measured by:</p> <ul style="list-style-type: none"> <li>- Number of improved campsites made available (e.g., washrooms, showers).</li> <li>- Yearly occupation rates of all campsites.</li> </ul>	<p>It is important to measure the expansion of available recreational campsites because the ability to enjoy outdoor recreation experiences is very important to Manitobans. Camping is an important activity in Manitoba and it is important to know if the camping program is meeting the needs of Manitobans.</p>	<p>The baseline year is 2004/05–225 improved campsites were made available to Manitobans that year.</p>	<p>Most of the capital project work in 2020 focused on water and wastewater treatment. The average campsite occupancy was 49.5 per cent, which is up 11 per cent from 2019/2020.</p> <p>It is important to note that COVID-19 pandemic prevented people from travelling out of province and camping was one of the only activities available to the public.</p>	<p>From 2004/05 through 2020/21, a total of 1124 camping improvements were implemented.</p> <p>Increasing campsite occupancy.</p>	
<p>Reduction in environmental liabilities for which the department is responsible.</p>	<p>Contaminated and impacted sites and Orphaned and Abandoned Mines may be harmful to human health and/or the environment. They need to be tracked to ensure public safety and health and environmental protection. They also create a financial liability that must be addressed.</p>	<p>The baseline year for contaminated sites is 2005/06. Recorded value of environmental liabilities was \$39 million as of March 31, 2006.</p>	<p>Recorded value of environmental liabilities for the Contaminated and Asbestos Sites was \$ \$88.8 million as of March 31, 2020 and was reduced to \$53.5 million as of March 31, 2021</p> <p>Recorded value of environmental liabilities for the Orphaned and Abandoned Mines program was \$77.3 million as of March 31, 2020, and was increased to \$ 224.6 million as of March 31, 2021.</p>	<p>Recorded value of environmental liabilities decrease as sites are remediated, and environmental quality increases as a result. The financial liability also decreases over time.</p>	<p>The increase to the contaminated sites liability is as a result of adjustments for inflation.</p> <p>The liability values for known contaminated sites and orphaned and abandoned mines is being re-assessed. Therefore, the liabilities may increase during the next fiscal year.</p> <p>Assessment and remediation of priority sites is ongoing throughout this process.</p>

What is being measured and using what indicator?	Why is it important to measure this?	Where are we starting from (baseline measurement)?	What is the 2020/2021 (current year) result or most recent available data?	What is the trend over time?	Comments/recent actions/report links
<p>Hectares of protected and conserved area in Manitoba.</p>	<p>Protected and conserved areas help ensure conservation of biodiversity, maintain natural cycles, provide pristine areas and preserve land for Indigenous people to maintain their traditional activities.</p> <p>Measuring the growth in protected and conserved areas will tell us how well we are meeting our goal for protected and conserved areas that represent the biodiversity in each of Manitoba's ecoregions.</p>	<p>The baseline year is 1990 - 350,000 hectares were designated as protected when the Protected Areas Initiative began.</p>	<p>Currently 7.2 million hectares or 11.1 per cent of Manitoba is protected or recognized as other effective area based conservation measures– a significant increase since 1990. This includes two national parks, two national wildlife areas, 30 ecological reserves, all or parts of 34 provincial parks, one park reserve, all or parts of 52 wildlife management areas, two areas designated under The Forest Act, four traditional use planning areas, three areas of municipal lands, various parcels of private land owned by land trusts, and the recognition of one other effective area-based conservation measure.</p>	<p>Since 1990, the area of protected and conserved lands has increased from 350,000 hectares to 7,211,500 hectares, as of March 31, 2020.</p>	



What is being measured and using what indicator?	Why is it important to measure this?	Where are we starting from (baseline measurement)?	What is the 2020/2021 (current year) result or most recent available data?	What is the trend over time?	Comments/recent actions/report links
<p>Waste diversion</p> <p>Tonnage of waste diverted away from landfills for recycling and safe disposal.</p>	<p>Increasing the amount of waste diversion reduces waste disposal costs, saves landfill space and generates environmental, social and economic benefits.</p>	<p>2012: Manitoba's regulated recycling programs diverted 109,000 tonnes of material from landfills.</p>	<p>2019: Manitoba's regulated recycling programs diverted approximately 127,219 tonnes of waste materials to recycling and proper disposal systems.</p>	<p>After an initial increase, total waste diverted by regulated recycling programs began to level-off in recent years.</p>	<p>The department continues to work with the Producer Responsibility Organizations to expand the list of designated materials and make recycling programs more accessible to rural, remote and northern communities.</p> <p>Producer Responsibility Organization program annual reports:  <a href="http://www.manitoba.ca/sd/wastewaste/annual-rpts.html">www.manitoba.ca/sd/wastewaste/annual-rpts.html</a></p>
<p>Organics tonnage diverted away from landfills for composting.</p>	<p>Reducing the amount of organic waste going to landfills reduces waste disposal costs, saves landfill space and generates environmental, social and economic benefits.</p>	<p>2010: 19,672 tonnes of organics diverted (Statistics Canada).</p>	<p>2020: 55,113 tonnes of organic waste was diverted to compost facilities</p>	<p>The amount of diversion of organic materials is stable with the establishment of the Manitoba Composts Program in 2014. The program goal is to increase diversion of organic waste to 100,000 tonnes annually.</p>	

What is being measured and using what indicator?	Why is it important to measure this?	Where are we starting from (baseline measurement)?	What is the 2020/2021 (current year) result or most recent available data?	What is the trend over time?	Comments/recent actions/report links
Recycling tonnages reported to the Waste Reduction and Recycling program based on quantity of materials diverted from waste disposal facilities.	Reducing the amount of waste going to landfills reduces waste disposal costs and generates environmental and social benefits, including business opportunities.	2010: 68,937 tonnes of recycling reported by municipalities (65 kilograms per capita).	2020: 58,813 tonnes of recycling reported by municipalities and Northern Affairs communities (46 kilograms per capita)	The amount of materials being recycled is decreasing, possibly due to light-weighting of packaging and changes in the composition of materials in the recycling stream.	
Quantity of waste disposed of at waste disposal sites and the resulting per capita waste tonnage.	Manitoba has high per capita waste generation rate when compared to other jurisdictions. Tracking the numbers will help measure waste diversion performance and indicate where more waste reduction recycling initiatives are needed.	2011: 972,958 tonnes of waste (923 kilograms per capita).	2020: 918,738 tonnes of waste (726 kilograms per capita).	The amount of waste landfilled per capita is decreasing.	

What is being measured and using what indicator?	Why is it important to measure this?	Where are we starting from (baseline measurement)?	What is the 2020/2021 (current year) result or most recent available data?	What is the trend over time?	Comments/recent actions/report links
<p>Percentage of public water systems that achieve full compliance with their disinfection monitoring requirements.</p> <p>Percentage of public water systems that achieve full compliance with their bacteriological monitoring requirements.</p> <p>Percentage of public water systems that achieved full compliance with the physical, chemical and microbiological standards that apply to their system.</p>	<p>Disinfection and bacteriological monitoring requirements address critical acute public health risks associated with disease-causing microbiological organisms.</p> <p>Physical, chemical and microbiological standards address lower-level public health risks (e.g., risks associated with lifetime exposure).</p>	<p>The baselines established in 2015 for percentage of public water systems achieving full compliance with all disinfection and bacteriological monitoring requirements was 67 per cent and 60 per cent respectively.</p> <p>The baseline established in 2011 for percentage of public water systems achieving compliance with all chemical standards that applied to their system was 66 per cent.</p>	<p>The percentage of public water systems achieving full compliance with all the disinfection and bacteriological monitoring requirements in 2020 were 58 per cent and 60 per cent respectively.</p> <p>The percentage of public water system complying with all physical, chemical and micro-biological standards that apply to their system in 2020 was 84 per cent. The initial baseline considered only chemical standards, whereas the latest data considers physical (turbidity) and micro-biological (protozoa and virus) standards in addition to new chemical standards adopted in 2017.</p>	<p>The Office of Drinking Water began monitoring compliance with disinfection and bacteriological monitoring requirements in 2003.</p> <p>Compliance improved gradually over time, with occasional dips as the Office expanded its surveillance of previously unregulated systems or tightened reporting criteria.</p> <p>Compliance with chemical and microbial standards has been increasing gradually over time. The increase is related to water system upgrades, including systems that changed sources or connected to a regional system.</p>	<p>Approximately 400 public water supply systems in Manitoba serve roughly 90 per cent of residents. The remainder are serviced by semi-public or private water systems or fall within federal jurisdiction.</p> <p>Drinking water safety is protected through the use of construction permits and operating licences; water quality monitoring; scheduled and unscheduled inspections; education of water system owners, operators and the general public; and progressive risk-based enforcement.</p> <ul style="list-style-type: none"> <li>• Permitting helps ensure that minimum engineering and construction standards are met or exceeded.</li> <li>• Licensing, inspections, water quality monitoring and enforcement help ensure that minimum operational performance and water quality standards are met.</li> </ul>

					Activities focus on public health protection, and maintenance of water quality and public confidence. For more information, see the Office of Drinking Water website at: <a href="http://www.gov.mb.ca/water_stewardship/drinking_water/index.html">http://www.gov.mb.ca/water_stewardship/drinking_water/index.html</a>
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## Regulatory Accountability and Red Tape Reduction

Manitoba Conservation and Climate is committed to implementing the principles of regulatory accountability as set out in [The Regulatory Accountability Act](#). The department works to achieve balance with regulatory requirements, identify the best options for them, assess their impact and incorporate them in department activities, programs and in the development of all regulatory instruments.

A regulatory requirement is a requirement in a regulatory instrument for a person to take an action in order to

- access a program or service offered by the government or a government agency;
- carry on business; or
- participate in a regulated activity.

Regulatory accountability provides a framework to create a transparent, efficient and effective regulatory system. Red tape reduction aims to remove the regulatory requirements that are unclear, overly prescriptive, poorly designed, redundant, contradictory or antiquated. Not all regulatory requirements create red tape.

### Regulatory Requirements

	April 1, 2020	March 31, 2021
Total number of regulatory requirements	36,370	70,144
Net change	-	0
Percentage change	-	0%

- Total number of regulatory requirements includes transfers of regulatory requirements in and out of the department in 2020/21.
- Net change includes the changes (sum of decreases and increases) in regulatory requirements undertaken by the department in 2020/21 and is net of transfers of regulatory requirements in and out of the department.
- Percentage change includes percentage changes in regulatory requirements undertaken by the department in 2020/21 and is net of transfers of regulatory requirements in and out of the department.

The total number of regulatory requirements includes transfers of regulatory requirements in and out of the department in 2020/21 related to department reorganizations and to align statutory frameworks with program areas.

Additional information is provided in the 2020/21 Manitoba Regulatory Accountability Report.

## Achievements

The department continues to work towards reducing regulatory requirements and eliminating red tape. In 2020/2021, the department's focus was on maintaining delivery of essential public services while also improving access to information, response and approval times. The completion of a number of regulatory accountability assessments were delayed due to a number of staff redeployed for COVID support, a focus on providing essential services and a number of training gaps on regulatory accountability tools. The department will continue to work at completing assessments. Regulatory initiatives that were advanced in 2020/21 include:

Emergency COVID measures: a number of COVID relief measures were provided to stakeholders through temporary provincial orders issued under The Emergency Measures Act and through regulation amendments. These measures included temporary (i.e. few months to less than one year) extensions of:

- license, permit or certification renewal requirements for resource tourism operators, petroleum technicians, onsite system installers, sewage haulers, and water and wastewater operators;
- payment of fees or application of interest for various park leases and permits, and
- reporting requirements under various statutes.

**Updates to Biofuels Mandates:** Amendments were made to regulations under The Biofuels Act that incrementally increases the regulated biofuel content level in gasoline sold in Manitoba over the next two years. This is a key initiative under the Climate and Green Plan to reduce provincial greenhouse gas emissions. The amendments also included updates to a number of outdated references to industry standards and streamlining outdated requirements.

**Updates to Manitoba's Drinking Water Safety Standards for Lead, Manganese and Microcystins:** amendments were made to the Drinking Water Quality Standards Regulation and guidelines to align provincial standards with Health Canada's national drinking water quality guidelines for lead, manganese and microcystins. For some drinking water systems, additional testing and mitigation requirements will be required to ensure safe drinking water (e.g. testing for lead at the tap). These amendments brought Manitoba's drinking water standards in line with National guidelines and other neighboring jurisdictions.

**Elicensing Park Vehicle Permits:** Amendments were made to the Park Activity Regulation and Park Fee Regulation that supported the transition of park vehicle permits onto Manitoba's new online sales platform. The new Manitoba elicencing system expands service options to the public by enabling the purchase and printing of park vehicle permits from home or ordering by phone (mail order) in addition to the former options of purchasing at a department office, park gates or participating stores. To make park vehicle permits available electronically online, changes were needed to how park vehicle permits looked, used and their cost. Since elicencing launched on April 8, 2020 to March 31, 2021, out of the 194,254 total park vehicle permits sold (annual, 3-day, daily), 45% of them were purchased online or by phone (87,080 permits).

The department is continuing to review programs, policies and legislation to seek out and identify unnecessary requirements and opportunities to streamline processes.

## The Public Interest Disclosure (Whistleblower Protection) Act

The Public Interest Disclosure (Whistleblower Protection) Act came into effect in April 2007 and amended in 2018 gives employees a clear process for disclosing concerns about significant and serious matters (wrongdoing) in the Manitoba public service, and protects employees who make those disclosures from reprisal. The act builds on protections already in place under other statutes, as well as collective bargaining rights, policies, practices and processes in the Manitoba public service.

Wrongdoing under the act may be: contravention of federal or provincial legislation; an act or omission that endangers public safety, public health or the environment; gross mismanagement; or knowingly directing or counseling a person to commit a wrongdoing. The act is not intended to deal with routine operational or administrative matters.

A disclosure made by an employee in good faith, in accordance with the act, and with a reasonable belief that wrongdoing has been, or is about to be, committed is considered to be a disclosure under the act, whether or not the subject matter constitutes wrongdoing. All disclosures receive careful and thorough review to determine if action is required under the act, and must be reported in a department's annual report in accordance with Section 29.1.

The following is a summary of disclosures received by Manitoba Conservation and Climate for fiscal year 2020/2021

<b>Information Required Annually (per section 29.1 of PIDA)</b>	<b>Fiscal Year 2020/ 2021</b>
The number of disclosures received, and the number acted on and not acted on. Subsection 29.1(2)(a)	NIL
The number of investigations commenced as a result of a disclosure. Subsection 29.1 (2)(b)	NIL
In the case of an investigation that results in a finding of wrongdoing, a description of the wrongdoing and any recommendations or corrective actions taken in relation to the wrongdoing, or the reasons why no corrective action was taken. Subsection 29.1(2)(c)	NIL