

**Manitoba Environment,
Climate and Parks**

**Environnement, Climat
et Parcs Manitoba**

**Annual Report
Rapport Annuel**

21|22

Manitoba 

Indigenous Land Acknowledgement

We recognize that Manitoba is on the Treaty Territories and ancestral lands of the Anishinaabeg, Anishinewuk, Dakota Oyate, Denesuline and Nehethowuk peoples.

We acknowledge Manitoba is located on the Homeland of the Red River Métis.

We acknowledge northern Manitoba includes lands that were and are the ancestral lands of the Inuit.

We respect the spirit and intent of Treaties and Treaty Making and remain committed to working in partnership with First Nations, Inuit and Métis people in the spirit of truth, reconciliation and collaboration.

Reconnaissance du territoire

Nous reconnaissons que le Manitoba se trouve sur les territoires visés par un traité et sur les terres ancestrales des peuples anishinaabeg, anishinewuk, dakota oyate, denesuline et nehethowuk.

Nous reconnaissons que le Manitoba se situe sur le territoire des Métis de la rivière Rouge.

Nous reconnaissons que le nord du Manitoba comprend des terres qui étaient et sont toujours les terres ancestrales des Inuits.

Nous respectons l'esprit et l'objectif des traités et de la conclusion de ces derniers. Nous restons déterminés à travailler en partenariat avec les Premières Nations, les Inuits et les Métis dans un esprit de vérité, de réconciliation et de collaboration.

Manitoba Environment, Climate and Parks
200 Saulteaux Crescent, Winnipeg, MB R3J 3W3

Phone: 204-945-6784
Toll free (if applicable): 1-800-214-6497
Fax: 204-945-4232
Email: cc@gov.mb.ca

Electronic format: <http://www.gov.mb.ca/finance/publications/annual.html>

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**MINISTER
OF ENVIRONMENT, CLIMATE AND PARKS**

Room 344
Legislative Building
Winnipeg, Manitoba R3C 0V8
CANADA

Her Honour, the Honourable Janice C. Filmon, C.M., O.M.

Lieutenant-Governor of Manitoba

Room 235 Legislative Building

Winnipeg, MB R3C 0V8

May it Please Your Honour:

I have the privilege of presenting, for the information of Your Honour, the Annual Report of Manitoba Environment, Climate and Parks, for the fiscal year ending March 31, 2022.

Respectfully submitted,

Original Signed By

Honourable Jeff Wharton

Minister of Environment, Climate and Parks
Minister responsible for Efficiency Manitoba





**MINISTRE
DE L'ENVIRONNEMENT, DU CLIMAT ET DES PARCS**

Bureau 344
Palais législatif
Winnipeg (Manitoba) R3C 0V8
CANADA

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, à titre d'information, le rapport annuel du ministère de l'Environnement, du Climat et des Parcs du Manitoba pour l'exercice qui s'est terminé le 31 mars 2022.

Le tout respectueusement soumis,

Original signé par

Jeff Wharton

Le ministre de l'Environnement, du Climat et des Parcs et ministre responsable de la Société pour l'efficacité énergétique au Manitoba,



Honourable Jeff Wharton
Minister of Environment, Climate and Parks
Room 344 Legislative Building
Winnipeg, MB R3C 0V8

Sir:

I am pleased to present for your approval the 2021/22 Annual Report of the Department of Environment, Climate and Parks.

Respectfully submitted,

Original Signed By

Jan Forster
Deputy Minister of Environment, Climate and Parks





Environnement, Climat et Parcs

Sous-ministre

Palais législatif, bureau 350

Winnipeg (Manitoba)

R3C 0V8

Tél. : 204 945-3785

Monsieur Jeff Wharton

Ministre de l'Environnement, du Climat et des Parcs

Palais législatif, bureau 344

Winnipeg (Manitoba) R3C 0V8

Monsieur le Ministre,

J'ai le plaisir de vous présenter, en vue de votre approbation, le rapport annuel du ministère de l'Environnement, du Climat et des Parcs 2021-2022.

Le tout respectueusement soumis,

Original signé par

Jan Forster

La sous-ministre de l'Environnement, du Climat et des Parcs



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Introduction

Overview to the Annual Report

This Annual Report is organized in accordance with department's appropriation structure as at March 31, 2022, which reflects the authorized appropriations approved by the Legislative Assembly.

Consistent with the Main Estimates Supplement, the annual report has been enhanced to include Balanced Scorecards to foster operational improvements by reinforcing transparency, urgency, alignment and accountability. As the balanced scorecards continue to be developed, reporting is included where available, with continued inclusion of previous Performance Reporting in the appendix to ensure transparency of results.

The Annual Report also for the first time reports on the department and its Other Reporting Entities (OREs) summary financial results, provides a more detailed breakdown on any changes to its voted budget, and also reports on the department's progress of achieving diversity milestones. The tradition of providing the financial results with any associated variance explanations continues to be provided at the sub-appropriation level. Overall, the new annual report is intended to provide a more comprehensive picture of the department's financial performance.

Aperçu du rapport annuel

Ce rapport annuel est présenté conformément à la structure des postes budgétaires du ministère au 31 mars 2022, qui tient compte des crédits autorisés approuvés par l'Assemblée législative.

En cohérence avec le budget complémentaire, le rapport annuel a été étoffé et comprend maintenant des tableaux de bord équilibrés qui favorisent l'amélioration sur le plan opérationnel en mettant l'accent sur la transparence, l'urgence, l'uniformité et la reddition de comptes. Alors que l'établissement des tableaux de bord équilibrés se poursuit, les renseignements sont fournis quand ils sont disponibles et des rapports antérieurs sur le rendement continuent d'être inclus en annexe pour assurer la transparence des résultats.

Par ailleurs, pour la première fois, le rapport annuel contient les résultats financiers sommaires du ministère et de ses autres entités comptables, fournit une ventilation plus détaillée des changements apportés au budget des crédits votés et rend compte des progrès du ministère en matière de diversité. On continue à fournir les résultats financiers accompagnés d'explications sur les écarts au niveau des postes secondaires. Dans l'ensemble, le nouveau rapport annuel vise à offrir un portrait plus global du rendement financier du ministère.

Department At a Glance – 2021/22 Results

Department Name & Description	Environment, Climate and Parks is responsible for protecting our environment and rich biodiversity, advancing climate action, monitoring and protecting water quality, and managing the provincial parks system for the benefit of all Manitobans. This is achieved by working cooperatively with Indigenous communities, the public, other agencies, governments and stakeholders to strike a balance between protecting the integrity of the environment and meeting the social and economic needs of Manitobans.
Minister	Honourable Jeff Wharton
Deputy Minister	Jan Forster

Other Reporting Entities	2	<ul style="list-style-type: none"> • Efficiency Manitoba • Manitoba Hazardous Waste Management Corporation
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Summary Expenditure (\$M)	
165	157
Restated Budget	Actual

Core Expenditure (\$M)		Core Staffing
90	124	476.05
Authority	Actual	Authority

Departmental Responsibilities

The Minister of Environment, Climate and Parks is responsible for leading the development and administration of the province's environmental protection and climate initiatives, the protection of water, and the provincial parks system.

The overall responsibilities of the Minister and Environment, Climate and Parks include:

- Developing and administering legislation, regulations and programs that protect the environment, prevent pollution, address climate change, and manage water. A comprehensive list of legislation under the responsibility of the Minister has been provided in the Appendix.
- Advancing environmental protection by leading the review, assessment, approval, licensing and appeals processes for development activities, and the clean-up of contaminated sites and orphaned and abandoned mine sites.
- Ensuring compliance with environmental legislation through inspections, monitoring, and implementation of programs and activities that mitigate the impact of pollutants and contaminants in the environment.
- Managing and protecting the quality and quantity of our surface water and groundwater resources.
- Managing provincial parks, ecological reserves and the Canadian Heritage Rivers System, as well as, building a protected areas network.
- Managing provincial recreational trail networks, in partnership with other departments and trail stakeholder relations.
- Developing and implementing strategies to reduce greenhouse gas emissions and increase climate resiliency.
- Administering grant funding programs to support government priorities.
- Respecting and upholding the honour of the Crown with respect of Indigenous peoples and reconciling relationships.

The Minister is also responsible for:

- Efficiency Manitoba
- Manitoba Hazardous Waste Management Corporation Board
- Certification Advisory Committee
- Clean Environment Commission
- Endangered Species, Ecosystems and Ecological Reserves Advisory Committee
- Expert Advisory Council
- Youth Advisory Council
- Whiteshell Advisory Board
- Watershed District Boards

Department Shared Services

Administration and Financial Services is comprised of the Process Improvement and Technology unit, Shared Services and Risk Management unit, and Financial Services branch. Together, this group provides information technology and business analysis services, risk management services, and financial and administrative leadership to the department. The Administration and Financial Services group, budgeted in Environment, Climate and Parks, also provides shared services to the department of Natural Resources and Northern Development.

Responsabilités ministérielles

Le ministère de l'Environnement, du Climat et des Parcs a pour responsabilités de diriger l'élaboration et l'administration des initiatives provinciales relatives à la protection de l'environnement et au climat; de veiller à la protection de l'eau; et d'administrer le réseau de parcs provinciaux.

Les responsabilités générales du ministre de l'Environnement, du Climat et des Parcs sont les suivantes :

- Élaborer et administrer les lois, les règlements et les programmes visant à protéger l'environnement, à prévenir la pollution, à lutter contre les changements climatiques et à gérer la qualité de l'eau. La liste complète des lois relevant du ministre est fournie en annexe.
- Protéger l'environnement en dirigeant les processus d'examen, d'évaluation, d'approbation, d'autorisation et d'appel liés aux activités d'aménagement; et le nettoyage des sites contaminés et des sites miniers orphelins et abandonnés.
- Veiller au respect des lois et des règlements ayant trait à l'environnement en effectuant des inspections, en exerçant une surveillance et en mettant en œuvre des programmes et des activités qui atténuent l'impact des polluants et des contaminants sur l'environnement.
- Gérer et protéger la qualité de nos ressources en eaux de surface et en eaux souterraines et leur quantité.
- Gérer les parcs provinciaux, les réserves écologiques et le Réseau des rivières du patrimoine canadien; et créer un réseau de zones protégées.
- Gérer le réseau des sentiers récréatifs provinciaux, en partenariat avec d'autres ministères et les parties prenantes.
- Élaborer et mettre en œuvre des stratégies visant à réduire les émissions de gaz à effet de serre et à accroître la résilience climatique.
- Administrer des programmes de financement afin de soutenir les priorités gouvernementales.
- Respecter et préserver l'honneur de l'État pour ce qui est des droits des Autochtones et de la réconciliation des relations.

Autres responsabilités du ministre

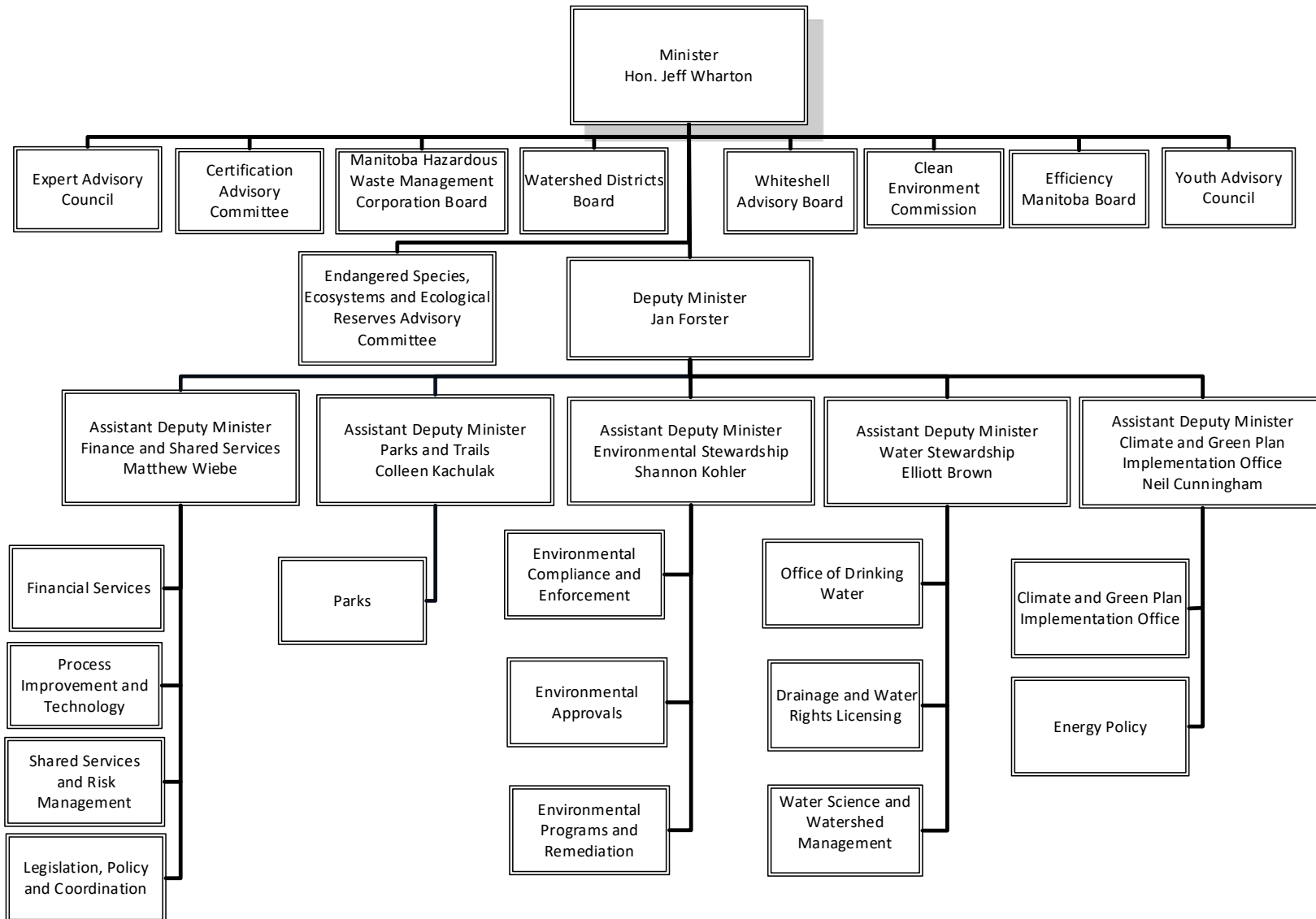
- Efficacité Manitoba
- Conseil d'administration de la Corporation manitobaine de gestion des déchets dangereux
- Comité consultatif d'accréditation
- Commission de protection de l'environnement
- Comité consultatif sur les espèces, les écosystèmes et les réserves écologiques en voie de disparition
- Conseil consultatif d'experts
- Conseil consultatif de la jeunesse
- Commission consultative du Whiteshell
- Conseils de district hydrographique

Services partagés du ministère

Les Services administratifs et financiers sont composés de la Section de l'amélioration du processus et des technologies, de la Section des services partagés et de la gestion des risques et de la Section des services financiers. Ce groupe fournit au Ministère des services de technologie de l'information et d'analyse opérationnelle, des services de gestion des risques et une direction financière et administrative. Le groupe des Services administratifs et financiers, qui est inscrit au budget du ministère de l'Environnement, du Climat et des Parcs, offre aussi des services partagés au ministère des Ressources naturelles et du Développement du Nord.

Organization Structure

Environment, Climate and Parks as of March 31, 2022



2021/22 Key Achievement Highlights

During the fiscal year, the Department of Environment, Climate and Parks accomplished the following:

- The Orphaned and Abandoned Mines Rehabilitation program continued to accelerate remediation efforts to ensure economic growth, environmental protection, and human safety from high-risk legacy mining sites in the province. In 2021/22, 15 years of remediation and construction works at the Sherridon site were completed. A new multi-year sub program to advance the long-term care and maintenance of six sites was launched, and the reassessment of 108 orphaned and abandoned mine sites and 118 contaminated sites across Manitoba was completed to inform future remediation efforts.
- Following a review of Manitoba's waste diversion and recycling programs in 2021, the department is moving forward and preparing a multi-year plan to modernize these systems with the goal to increase waste diversion, recycling, and support the creation of a circular economy in Manitoba. The department is committed to working with stakeholders, municipalities, and industry to further advance this work moving forward.
- Advanced reconciliation efforts by working with 49 Indigenous communities to deliver community sought terms and conditions on Manitoba Hydro for the Churchill River Diversion, Lake Winnipeg Regulation, and Jenpeg Generating Station final Water Power Act Licences.
- Approved a new industry-funded stewardship program for recycling plastics used in the agriculture industry, making Manitoba the second province to implement a regulated stewardship program for these products. This program provided recycling options for agricultural grain bags and baler twine, keeping these materials out of landfills and the environment.
- Modernized our legislation by streamlining forestry approvals to reduce red tape and duplication by creating a single window licensing process with the Department of Natural Resources and Northern Development.
- Amended the Onsite Wastewater Management Systems Regulation to extend the time window for homeowners to connect dwellings to new or existing municipal wastewater collection infrastructure to provide greater flexibility while still ensuring environmental protection.
- Rescinded eight long term boil water advisories and two water quality advisories, resulting in potable water for communities who had been without for five or more years.
- Enhanced responsiveness to environmental emergencies and air quality monitoring across the province with a new mobile air-monitoring unit.
- Completed over 2,000 soil samples across 40 Winnipeg neighborhoods to identify areas with lead that may pose a risk for children.
- Led the development of a provincial Water Management Strategy for Manitoba including leading an inter-departmental working group, drafting a framework for the strategy, and supporting engagement through EngageMB and with stakeholders.
- Renewed two key water-related agreements in 2021, the "Canada-Manitoba Memorandum of Understanding Respecting Lake Winnipeg and the Lake Winnipeg Basin" and the "Saskatchewan-Manitoba Memorandum of Understanding respecting Water Management". These two agreements commit to a cooperative and coordinated approach regarding shared watersheds.
- Completed the first statutory report "Nutrient Targets Regulation: Report on Nutrient Levels Through 2019 and Actions Underway" under new nutrient reporting requirements in The Water Protection Act. The report provides a summary of the nutrient levels and action underway to improve water quality and reduce nutrient loading to Lake Winnipeg.
- Worked with other departments and stakeholders during the 2021 extreme drought to help alleviate downstream impacts to water users, residents, and the environment. Supported municipalities, water providers, irrigators, and other government departments through increased monitoring and technical advice to manage the widespread impacts to many sectors including agriculture, municipal water supplies, wildfires, fisheries, and water quality. Supported municipalities and water providers in becoming more drought resilient.
- Expanded the Pembina Valley and the Redboine Watershed Districts increasing municipal membership in the Watershed District Program from 109 to 113 municipalities with 88 per cent of municipal lands in Manitoba now eligible for programming. Expansion was formalized through an amendment to the Watershed Districts Regulation to include the

Municipalities of Emerson-Franklin and Rhineland; Rural Municipalities of Montcalm, Rosser, St. Francois Xavier, and Woodlands; the Town of Altona; and the City of Winkler.

- Subsidized 1,742 private well bacteriological tests in 2021, an increase of nearly 20 per cent in testing over the previous year.
- Collaborated with the Department of Justice to strengthen the tools available to enforcement officers to enforce regulations for water and wastewater operators and facilities.
- Increased year-over-year water system inspections by 65 per cent for semi-public water systems (220 inspections) and by 10 per cent for public water systems (192 inspections).
- Developed a draft Manitoba Trails Strategy to guide the development and maintenance of provincial recreational trail networks and address a wide range of trails-related issues and opportunities. The Strategy is being prepared with significant input through engagement with other provincial departments, stakeholder groups, the public, and other interested parties.
- Advanced work to support the development of a draft Provincial Parks Strategy to sustain Manitoba's parks into the future and improve visitor experiences. The Strategy is being developed as part of a renewal and modernization effort of Manitoba's provincial park system and will be informed by the Travel Manitoba commissioned Provincial Parks Evaluation Study including engagement with Indigenous communities, stakeholders, and the public.
- Engaged the public on use of revenues from the Provincial Parks Endowment Funds to support a variety of park initiatives. The Fund is expected to generate as much as \$1.0 million annually and supports park improvements and programming in perpetuity.
- Engaged with the public and stakeholders on continued improvements to the Parks Reservation Service, the online tool used to facilitate campground reservations in Manitoba's Provincial Parks. The results of the "Improving the Parks Reservation Service" survey was posted on the EngageMB portal and resulted in both short-term and long-term solutions to the Parks Reservation Service.
- Advanced work with provincial park cottagers, including the Manitoba Provincial Park Cabin Owners Association, towards developing fair and sustainable future approaches to collecting cottage lease and service fees, with a goal to improve the financial sustainability of parks services and programming while improving user experiences.
- Last year, Manitoba implemented over 115 government-wide initiatives to reduce emissions and become more resilient to climate change, making significant progress on the implementation of the Climate and Green Plan.
- On January 1, 2022, Manitoba increased blending requirements for renewable fuels in gasoline to 10 per cent (ethanol) and in diesel fuel to 5 per cent (biodiesel). Manitoba has the highest biofuels blending requirements in Canada.
- As of March 31, 2022, there were 365 successful applications submitted to the Efficient Trucking Program, consisting of 2,054 trucks and 1,771 trailers receiving fuel saving device installations. This has already amounted to nearly 12,000 tonnes of reduced emissions, with over 82 ktCO₂e expected by 2030. Due to the success of the Efficient Trucking Program and to further capitalize on Manitoba's Low Carbon Economy Fund (LCEF) allocation, the department requested and received a two-year extension worth \$6.3 million (federal LCEF contribution will be \$3.3 million).
- In 2021/22: \$1.0 million was allocated for nine projects from the Conservation and Climate Fund. Areas covered included: innovation and cleantech; conservation; water quality; circular economy development; and sector emissions reductions.
- The department continues to develop and engage on the framework for a new long-term energy strategy for Manitoba, building on our existing value as a producer of reliable clean, renewable, low carbon electricity. The framework focuses on innovative technologies to reduce emissions while stimulating our economy, and will prepare us to be a leader in the low carbon economy and move towards a net zero future.
- The department continues to work towards the development of a Green Transportation Strategy for Manitoba that will set the stage for our transition to low and zero-emission vehicles. This strategy is based on earlier recommendations from our Expert Advisory Council, and will consider personal mobility, along with greening of our heavy-duty trucking sector, equipment, as well as transit and school buses.
- Along with the other prairie provinces and federal partners, Manitoba has invested in ClimateWest to provide climate data and adaptation services to help people, communities, businesses and governments identify and address the risks and vulnerabilities of a changing climate through enhanced planning and actions.
- Efficiency Manitoba rolled out nine new programs and offers in 2021/22, including their Heat Pump program, Innovation Fund, and Windows and Doors rebate. These launches supplemented the ongoing availability of in-market programs and

enhancements designed to respond to pandemic-related challenges and supported economic recovery. Efficiency Manitoba has over 35 programs available for Manitobans across residential, income-based, Indigenous, commercial, industrial, and agricultural customer segments.

Points saillants des principales activités et réalisations de 2021-2022

Durant l'exercice, le ministère de l'Environnement, du Climat et des Parcs a accompli ce qui suit :

- Le Programme de remise en état des sites miniers abandonnés et orphelins du Manitoba a poursuivi l'accélération des travaux de remise en état pour soutenir la croissance économique, la protection de l'environnement et la sécurité des personnes sur les anciens sites miniers à haut risque de la province. En 2021-2022, ce sont 15 années de travaux de remise en état et de construction sur le site de Sherridon qui se sont achevées. Le Ministère a lancé un nouveau sous-programme pluriannuel visant à promouvoir l'entretien et la maintenance à long terme de six sites. De plus, il a terminé la réévaluation de 108 sites miniers orphelins et abandonnés et de 118 sites contaminés du Manitoba afin de guider les futurs efforts d'assainissement.
- Après avoir passé en revue les programmes de réacheminement et de recyclage des déchets du Manitoba en 2021, le Ministère est allé de l'avant et a préparé un plan pluriannuel pour moderniser ces systèmes afin d'augmenter le réacheminement et le recyclage des déchets et soutenir la création d'une économie circulaire au Manitoba. Le Ministère s'est engagé à travailler avec les parties prenantes, les municipalités et l'industrie pour faire avancer ce travail.
- Poursuite des efforts de réconciliation en collaborant avec 49 communautés autochtones pour imposer à Manitoba Hydro les conditions demandées en les intégrant aux licences définitives accordées sous le régime de la Loi sur l'énergie hydraulique pour autoriser les projets de dérivation de la rivière Churchill, de régularisation du lac Winnipeg et de la centrale de Jenpeg.
- Approbation d'un nouveau programme de gérance, financé par l'industrie, visant le recyclage des plastiques utilisés dans l'industrie agricole, faisant ainsi du Manitoba la deuxième province à mettre en œuvre un programme de gérance réglementé pour ces produits. Ce programme offre des options de recyclage des sacs à grains et des ficelles de presses à balles, de sorte que ces matériaux ne se retrouvent pas dans les décharges et dans l'environnement.
- Modernisation de la législation relative à l'environnement en simplifiant les approbations de projets forestiers afin de réduire la paperasserie et les chevauchements au moyen de la création d'un processus de délivrance de permis à guichet unique avec le ministère des Ressources naturelles et du Développement du Nord.
- Modification du Règlement sur les systèmes de gestion autonomes d'eaux résiduaires afin de prolonger le délai accordé aux propriétaires pour raccorder leur habitation à une infrastructure municipale de collecte des eaux usées, nouvelle ou existante, afin d'offrir une plus grande souplesse tout en assurant la protection de l'environnement.
- Annulation de huit avis d'ébullition d'eau de longue durée et de deux avis sur la qualité de l'eau, ce qui a permis aux communautés qui en étaient privées depuis cinq ans ou plus d'avoir de l'eau potable.
- Amélioration de la capacité de réaction aux urgences environnementales et de la surveillance de la qualité de l'air dans toute la province grâce à une nouvelle unité mobile de surveillance de l'air.
- Prélèvement de plus de 2 000 échantillons de sol dans 40 quartiers de Winnipeg pour trouver les zones où la présence de plomb peut présenter un risque pour les enfants.
- Direction de l'élaboration d'une stratégie provinciale de gestion de l'eau pour le Manitoba, y compris diriger un groupe de travail interministériel, rédiger un cadre stratégique et soutenir la participation par le biais de Participation MB et la participation avec les parties prenantes.
- Renouvellement des deux ententes clés relatives à l'eau en 2021, c'est-à-dire le « Protocole d'entente Canada-Manitoba portant sur le lac Winnipeg et son bassin » et le « Saskatchewan-Manitoba Memorandum of Understanding respecting Water Management » (protocole d'entente Saskatchewan-Manitoba portant sur la gestion de l'eau). Ces deux ententes prévoient une approche coopérative et coordonnée pour ce qui est des bassins versants partagés.
- Publication du premier rapport réglementaire « Nutrient Targets Regulation: Report on Nutrient Levels Through 2019 and Actions Underway », conformément aux nouvelles exigences de déclaration s'appliquant aux éléments nutritifs en vertu de la Loi sur la protection des eaux. Le rapport fournit un sommaire des niveaux d'éléments nutritifs et des mesures en place pour améliorer la qualité de l'eau et réduire la charge en éléments nutritifs dans le lac Winnipeg.
- Collaboration avec d'autres ministères et parties prenantes pendant la sécheresse extrême de 2021 afin d'atténuer les

répercussions en aval sur les utilisateurs d'eau, les résidents et l'environnement. Soutien aux municipalités, aux fournisseurs d'eau, aux irrigateurs et à d'autres ministères par le biais d'une surveillance accrue et de conseils techniques pour gérer les répercussions généralisées sur de nombreux secteurs, notamment l'agriculture, l'approvisionnement en eau des municipalités, les incendies de forêt, la pêche et la qualité de l'eau. Soutien aux municipalités et aux fournisseurs d'eau pour qu'ils deviennent plus résilients à la sécheresse.

- Agrandissement des districts hydrographiques de la Vallée-de-la-Pembina et de Redboine, qui a fait passer de 109 à 113 le nombre de municipalités participant au Programme des districts hydrographiques, de sorte que 88 % des terres municipales du Manitoba sont maintenant admissibles à la programmation. Officialisation de l'agrandissement au moyen d'une modification du Règlement sur les districts hydrographiques pour inclure les municipalités d'Emerson-Franklin et de Rhineland; les municipalités rurales de Montcalm, de Rosser, de Saint-François-Xavier et de Woodlands; la Ville d'Altona; et la Ville de Winkler.
- Financement de 1 742 analyses bactériologiques de puits privés en 2021, ce qui représente une augmentation de près de 20 % des analyses par rapport à l'année précédente.
- Collaboration avec le ministère de la Justice pour renforcer les outils à la disposition des agents chargés de l'application des règlements pour les installations et les exploitants d'installations de traitement de l'eau et des eaux usées.
- Augmentation des inspections des réseaux hydrographiques par rapport à l'année précédente, soit de 65 % pour les réseaux semi-privés d'alimentation en eau (220 inspections) et de 10 % pour les réseaux publics d'alimentation en eau (192 inspections).
- Élaboration d'une ébauche de la Stratégie pour les sentiers du Manitoba pour guider la création et l'entretien de réseaux de sentiers récréatifs provinciaux et aborder un large éventail de questions et de possibilités liées aux sentiers. La stratégie est à l'étape de préparation avec la contribution importante d'autres ministères provinciaux, de groupes d'intervenants, du public et d'autres parties intéressées.
- Avancement des travaux nécessaires à l'élaboration d'une ébauche de stratégie relative aux parcs provinciaux pour soutenir la durabilité des parcs du Manitoba et améliorer les expériences des visiteurs. La stratégie est élaborée dans le cadre d'un effort de renouvellement et de modernisation du réseau de parcs provinciaux du Manitoba et s'appuiera sur l'étude d'évaluation des parcs provinciaux commandée par la Société Voyage Manitoba et sur les relations avec les communautés autochtones, les parties prenantes et le public.
- Consultation du public sur l'utilisation du Fonds de dotation pour les parcs provinciaux afin de soutenir diverses initiatives liées aux parcs. Le Fonds devrait générer jusqu'à un million de dollars par an et financer les améliorations et la programmation des parcs à perpétuité.
- Communication avec le public et les parties prenantes concernant l'amélioration continue du Service de réservation des parcs, l'outil en ligne utilisé pour faciliter les réservations de terrains de camping dans les parcs provinciaux du Manitoba. Les résultats du sondage « Amélioration du Service de réservation des parcs » ont été publiés sur le portail de Participation MB et ont permis de trouver des solutions à court et à long terme pour le Service de réservation des parcs.
- Poursuite du travail avec les propriétaires de chalets des parcs provinciaux, y compris la Manitoba Provincial Park Cabin Owners Association, en vue d'élaborer des approches justes et durables pour la perception future des frais de location et de service des chalets, dans le but d'améliorer la viabilité financière des services et des programmes des parcs tout en améliorant l'expérience des utilisateurs.
- L'an dernier, le Manitoba a lancé 115 initiatives pangouvernementales pour réduire les émissions de carbone et augmenter sa résilience face au changement climatique, réalisant ainsi des progrès importants dans la mise en œuvre du Plan vert et climatique.
- Le 1^{er} janvier 2022, le Manitoba a augmenté les exigences relatives à la teneur en carburant renouvelable à 10 % (éthanol) dans l'essence, et à 5 % (biodiesel) dans le carburant diesel. Le Manitoba a les exigences les plus élevées au Canada concernant l'ajout de biocarburants.
- Au 31 mars 2022, 365 demandes dans le cadre du programme d'efficacité énergétique pour le camionnage ont été acceptées, de sorte que 2 054 camions et 1 771 remorques ont été équipés de dispositifs d'économie de carburant. Cela a déjà permis de réduire les émissions de carbone de près de 12 000 tonnes. On prévoit les réduire de plus de 82 kilotonnes d'équivalent dioxyde de carbone d'ici 2030. Compte tenu du succès du programme d'efficacité énergétique pour le camionnage et afin de tirer davantage parti de l'allocation du Fonds pour une économie à faibles émissions de carbone (FEFEC) du Manitoba, le Ministère a demandé et obtenu une prolongation de deux ans, soit une valeur de 6,3 millions de

dollars (la contribution du gouvernement fédéral au FEFEC sera de 3,3 millions de dollars).

- En 2021-2022, un million de dollars tirés du Fonds pour la conservation et le climat ont été accordés à neuf projets. Les sujets abordés comprenaient l'innovation et les technologies propres; la conservation; la qualité de l'eau; de développement d'une économie circulaire; et les réductions des émissions par secteur.
- Le Ministère continue d'élaborer le cadre d'une nouvelle stratégie de l'énergie à long terme pour le Manitoba, en s'appuyant sur notre valeur actuelle en tant que producteur d'électricité fiable, propre, renouvelable et à faible teneur en carbone. Le cadre est axé sur les technologies novatrices permettant de réduire les émissions de carbone tout en stimulant notre économie. Il nous préparera à être un chef de file de l'économie à faibles émissions de carbone et à nous diriger vers un avenir de carboneutralité.
- Le Ministère continue de travailler à l'élaboration d'une stratégie de transport vert pour le Manitoba en préparation de notre transition vers des véhicules à émissions de carbone faibles ou nulles. Cette stratégie s'appuie sur les recommandations de notre conseil consultatif d'experts et tiendra compte de la mobilité personnelle, de pair avec l'écologisation de notre secteur du camionnage lourd, de l'équipement et du transport en commun et scolaire. En collaboration avec nos partenaires des provinces des Prairies et du gouvernement fédéral, le Manitoba a investi dans ClimateWest dans le but de fournir des données climatiques et des services d'adaptation pour aider les gens, les collectivités, les entreprises et les gouvernements à cibler et contrer les risques et les vulnérabilités dus au climat changeant au moyen d'une planification et de mesures renforcées.
- Efficacité Manitoba a lancé neuf nouveaux programmes et offres en 2021-2022, dont le programme relatif aux pompes à chaleur, le fonds pour l'innovation, et les remises sur les portes et fenêtres. Ces nouveaux programmes sont venus compléter la disponibilité continue de programmes et d'améliorations sur le marché conçus pour relever les défis liés à la pandémie et soutenir la reprise économique. Efficacité Manitoba offre plus de 35 programmes aux Manitobains dans les segments de la clientèle résidentielle, autochtone, commerciale, industrielle et agricole et de la clientèle considérée sur la base de son revenu.

Department Strategy Map

The department strategy map lists the four Government priority areas: Quality of Life, Working Smarter, Public Service and Value for Money, with the department's objectives listed under each priority.

Progress on performance measures achieved during the fiscal year are described in further detail following the strategy map.

Vision

A healthy and resilient natural environment and economy where current and future generations will prosper.

Mission

To be leaders in environmental stewardship while supporting sustainable development for all Manitobans and our communities.

Values

- **Responsive** – A responsive workforce serves both our internal and external clients with a sense of urgency grounded in mutual respect. We recognize the importance of timely, solutions focused service to these clients in building public confidence and trust.
- **Collaborative** – We recognize the value of hearing and respecting one another's perspectives and strive to integrate our work with others through partnerships and relationships that recognize the value this diversity provides. By working together openly through respectful dialogue we build trust, understanding and commitment. We work across government, leveraging our collective abilities and knowledge to serve Manitobans effectively and efficiently.
- **Accountable** – Being accountable means taking responsibility for decisions and actions. It also means being answerable by using good judgment to make decisions and being transparent as to how decisions are made.
- **Respectful** – We respect our role as public servants in delivering the government's mandate and the impact our day-to-day decisions have on the clients we serve. We conduct our work with respect for diverse perspectives and disciplines, recognizing the value this diversity brings. We are inclusive of all abilities, genders, sexual orientations, ethnicities, and design our programs and services for all Manitobans. We are committed to reconciling our relationship with Indigenous Peoples.
- **Integrated** – We use a whole-of-government approach, working across our department and with other departments to provide efficient and balanced programs, services, and advice.
- **Dynamic** – An engaged workforce strives for innovative approaches, takes initiative, and consistently adopts a flexible, adaptive mindset to problem-solving, program delivery, and client service. We proactively identify issues, assess impacts, and adapt our approaches to meet the needs of our clients and the needs of our environment.

Department Balanced Scorecards Priorities and Objectives

Quality of Life – Improving Outcomes for Manitobans

1. Advance Reconciliation
2. Sustain Manitoba's Unparalleled Natural Environment
3. Enhance Public and Stakeholder Trust

Working Smarter – Delivering Client-Centred Services

4. Reduce Red Tape
5. Modernize our Legislative Framework
6. Be Transparent

Public Service – Delivering Client-Service Excellence

7. Advance Inclusion
8. Strengthen Respect in our Workplace
9. Demonstrate Excellence
10. Build our Capacity to Execute

Value For Money – Protecting Manitoba’s Bottom Line

11. Provide Value for Money
12. Balance the Budget
13. Leverage Funding and Investment Through Partnerships

Notes:

Objective 3 – Enhance Public and Stakeholder Trust was previously known as Build Public Trust in the 2021/22 Main Estimates Supplement.

Objective 5 – Modernize our Legislative Framework is not included in the 2022/23 Supplements of Estimates of Expenditure. This objective was removed after a review of its relevance and effectiveness.

Objective 13 – Leverage Funding and Investment Through Partnerships is not included in the 2022/23 Supplements of Estimates of Expenditure. This objective was removed after a review of its relevance and effectiveness.

Schéma stratégique ministériel

Le schéma stratégique ministériel dresse la liste des quatre domaines prioritaires du gouvernement : la qualité de vie, la gestion plus ingénieuse, la fonction publique et l'optimisation des ressources, les objectifs du ministère étant répertoriés sous chacune de ces priorités.

Les progrès relatifs aux mesures du rendement réalisés au cours de l'exercice sont décrits plus en détail en fonction de ce schéma.

Vision

Une économie et un environnement sains et résilients où prospéreront les générations actuelles et futures.

Mission

Être un chef de file en gestion environnementale tout en appuyant le développement durable pour toute la population manitobaine et nos communautés.

Valeurs

- **Souplesse**– Un effectif souple offre des services à notre clientèle interne et à notre clientèle externe avec un empressement fondé sur le respect mutuel. Nous reconnaissons l'importance d'offrir à ces clients un service rapide axé sur la recherche de solutions qui renforce la confiance du public.
- **Collaboration**– Nous reconnaissons la valeur de l'écoute et du respect des divers points de vue et nous nous efforçons de travailler avec les gens en établissant des partenariats et des relations qui reconnaissent la valeur de cette diversité. En collaborant les uns avec les autres de manière ouverte grâce à un dialogue respectueux, nous renforçons la confiance, la compréhension et la mobilisation. Nous travaillons à l'échelle pangouvernementale en utilisant nos habiletés et nos connaissances collectives pour offrir nos services avec efficacité et efficience à la population manitobaine.
- **Responsabilité**– Être responsable veut dire assumer la responsabilité de nos décisions et de nos actions. Cela veut aussi dire que nous devons faire preuve d'un bon jugement lorsque nous prenons des décisions, et de transparence dans la façon dont sont prises les décisions.
- **Respect**– Nous respectons le rôle que nous jouons comme fonctionnaires dans l'exécution du mandat du gouvernement et sommes conscients des répercussions de nos décisions quotidiennes sur notre clientèle. Reconnaisant la valeur de la diversité, nous travaillons dans le respect des diverses perspectives et disciplines. Nous incluons tous les genres et toutes les habiletés, orientations sexuelles et ethnicités, et nous concevons nos programmes et nos services pour toute la population manitobaine. Nous avons pris un engagement à l'endroit de la réconciliation avec les Autochtones.
- **Intégration**– Nous utilisons une approche pangouvernementale, en travaillant à l'échelle du ministère et avec d'autres ministères pour donner des conseils avisés et offrir des programmes et des services efficaces et équilibrés.
- **Dynamisme**– Un effectif mobilisé continue de chercher des approches novatrices, prend des initiatives et adopte toujours un état d'esprit adaptatif et souple pour résoudre les problèmes, mettre en œuvre les programmes et servir la clientèle. Nous cernons proactivement les problèmes, en évaluons les répercussions et adaptons nos approches pour répondre aux besoins de notre clientèle et de notre environnement.

Priorités et objectifs des tableaux de bord équilibrés ministériels

Qualité de vie – Améliorer les résultats pour les Manitobains

1. Faire progresser la réconciliation
2. Assurer la durabilité de l'environnement naturel exceptionnel du Manitoba
3. Renforcer la confiance du public et des parties prenantes

Gestion plus ingénieuse – Fournir des services axés sur le client

4. Réduire la bureaucratie
5. Moderniser notre cadre législatif
6. Faire preuve de transparence

Fonction publique – Offrir un service à la clientèle d'excellence

7. Favoriser l'inclusion
8. Renforcer le respect en milieu de travail
9. Faire preuve d'excellence
10. Renforcer notre capacité d'exécution

Optimisation des ressources – Protéger les résultats financiers du Manitoba

11. Dépenser judicieusement
12. Équilibrer le budget
13. Mobiliser des fonds et des investissements grâce à des partenariats

Notes :

L'objectif 3, soit Renforcer la confiance du public et des parties prenantes, figurait auparavant dans les Budgets complémentaires 2021-2022 sous l'appellation Bâtir la confiance du public.

L'objectif 5, soit Moderniser notre cadre législatif, ne figure pas dans le Budget complémentaire 2022-2023. Cet objectif a été supprimé après avoir examiné sa pertinence et son utilité.

L'objectif 13, soit Mobiliser des fonds grâce à des partenariats, ne figure pas dans le Budget complémentaire 2022-2023. Cet objectif a été supprimé après avoir examiné sa pertinence et son utilité.

Department Balanced Scorecards Priorities and Objectives - Details

The following section provides information on key performance measures for Environment, Climate and Parks for the 2021/2022 reporting year. All Manitoba government departments include a performance measurement section in a standardized format in their annual reports.

Performance indicators in Manitoba government annual reports are intended to complement financial results and provide Manitobans with meaningful and useful information about government activities and their impact on the province and its citizens.

Quality of Life – Improving Outcomes for Manitobans

1. Advanced Reconciliation

Key Initiatives

- The department continues to engage with Indigenous communities to inform the provincial Water Management Strategy. Indigenous involvement is key to the development of any water management approach. The unique Indigenous relationships with water and land and the incorporation of traditional knowledge are important aspects to understand, consider, and respect.
- The department worked with 49 Indigenous communities to deliver community sought terms and conditions on Manitoba Hydro for the Churchill River Diversion, Lake Winnipeg Regulation, and Jenpeg Generating Station final Water Power Act Licences.
- In collaboration with Indigenous Reconciliation and Northern Relations, the department partnered with three northern Indigenous communities to improve access to timely water quality testing by establishing a testing site in Thompson. The site will reduce delays and errors associated with sending samples to Winnipeg laboratories and allow for faster response to adverse water quality results. The northern communities of Pikwitonei, Thicket Portage, and Nelson House are currently involved in this initiative, which is being expanded to include additional remote communities.
- The department worked with Indigenous Reconciliation and Northern Relations to educate water treatment plant operators in northern and Indigenous communities on collection procedures for specialized water quality testing; this training has improved compliance with licence requirements. The department also contributed to Advancing Reconciliation through education and awareness. All staff participated in a Truth and Reconciliation session led by the National Centre for Truth and Reconciliation, which educated on the history and legacy of residential schools, intercultural competency, and anti-racism.

Performance Measures

Measure	Baseline	2021/22 Actual
1.a Staff educated on reconciliation	New Measure	New Measure

1.a Staff educated on reconciliation

By participating in relevant training, public servants are better equipped to build relationships with Indigenous elders, leaders and communities that help to advance reconciliation. This measure is calculated by comparing the number of full-time regular staff who participate in one or more events, workshops or courses supporting reconciliation to the total number of full-time regular staff, expressed as a percentage. The department is currently reassessing this measure and a corresponding internal reporting framework in order to accurately capture all types of reconciliation training, and plans to update data for this measure (including a revised baseline) in the department's 2022/23 Annual Report. This measure is titled "increase the percentage of staff trained in Indigenous relations and reconciliation" in the 2022/23 Supplement to Estimates of Expenditure.

2. Sustain Manitoba's unparalleled natural environment

Key Initiatives

- The department led work on the development of a draft Provincial Parks Strategy to sustain Manitoba's Provincial Parks into the future and improve the visitor experience. The Strategy is being developed as part of a renewal and modernization effort of Manitoba's park system and will be informed by the Travel Manitoba commissioned Provincial Parks Evaluation Study and engagement with Indigenous communities, stakeholders and the public. The department continues to work on this important initiative.
- The department developed a draft Manitoba Trails Strategy to address the development and maintenance of provincial recreational trail networks and a wide range of trails-related issues and opportunities. The Strategy was prepared with significant inputs through engagement with numerous other provincial departments, stakeholder groups, the public and other interested parties. The department is now working on final revisions to prepare the Strategy for public release.
- The department has implemented a number of initiatives (such as the Green Impact Bond, the Efficiency Trucking Program, and the Conservation and Climate Fund) that will move Manitoba towards its first five-year Carbon Savings Account (2018-2022) target reduction for 2018 to 2022 of 1 Mt CO₂e.
- The department continues to work on the development and engagement for a new long-term energy policy framework for Manitoba and a Green Transportation Strategy.
- Manitoba is developing a comprehensive provincial adaptation strategy to reduce the impacts of current and future climate events such as floods, droughts, wildfires and more. This strategy will complement Canada's National Adaptation Strategy.
- The department continues to work with government departments on vulnerability and risk assessments to prepare for a changing climate. The department has also been proactive in coordinating climate resiliency training for municipalities through ClimateWest and Manitoba Climate Resilience Training Project.
- A new industry-funded stewardship program for recycling plastics used in the agriculture industry was approved, making Manitoba the second province to implement a regulated stewardship program for these products. This includes recycling options for agricultural grain bags and baler twine, keeping these materials out of landfills and the environment.
- Following a review of Manitoba's waste diversion and recycling programs in 2021, the department is moving forward and preparing a multi-year plan to modernize these systems with the goal to increase waste diversion, recycling, and support the creation of a circular economy in Manitoba.
- Provided \$8.7 million to municipalities and organizations through the Waste Reduction and Recycling Support Program to support strategic waste diversion and recycling efforts in Manitoba, including \$7.0 million in rebates to municipalities and Northern communities based on 56,060 tonnes of eligible recycling reported in 2021.
- Provided \$800,000 in compost support grants to municipal and commercial compost facilities in Manitoba. Through this initiative, a total of 76,424 tonnes of organic waste was diverted from landfills in 2021.
- Provided \$430,000 in funding to the Product Care Association to support the collection and safe disposal of approximately 130 tonnes of residential hazardous waste, including flammable, reactive, corrosive and toxic materials in 2021/22.
- Enhanced responsiveness to environmental emergencies and air quality monitoring across the province with a new mobile air-monitoring unit.
- Completed over 2,000 soil samples across 40 Winnipeg neighbourhoods to identify areas with lead that may pose a risk for children.
- Developed an environmental compliance and enforcement risk assessment tool to evaluate risks and prioritize inspection work. To further this aim, the department partnered with the provincial data science team to develop and implement a geospatial mapping system of the existing database of regulated sites and inspections.
- In 2021/22, the Orphaned and Abandoned Mines Rehabilitation program completed 15 years of remediation and construction works at the Sherridon site. The reassessment of 108 orphaned and abandoned mine sites and 118 contaminated sites across Manitoba was completed to inform future remediation efforts. A new multi-year sub-program to advance the long-term care and maintenance of six sites was launched.
- The department led efforts to protect, maintain and improve water quality in Manitoba. For example, Manitoba continued to work toward developing a new provincial Water Management Strategy, taking actions to reduce nutrient loading to

waterways by implementing nutrient standards for wastewater, protecting seasonal and semi-permanent wetlands, and applying on-the-ground programming through watershed districts with a view to improve water quality. Work continues toward development of this Strategy.

- In response to the Office of the Auditor General’s Provincial Oversight of Drinking Water Safety report, the department completed four of the 18 recommendations. Works included implementing more thorough inspection procedures and developing guidelines for evaluating the risks associated with water systems to determine the appropriate frequency of inspections. The department also developed a progressive, risk-based enforcement strategy, eliminated the licensing backlog, and took actions to ensure licences are issued in a timely manner.
- In response to Manitoba’s adoption of Health Canada’s revised Lead Guideline and the Auditor General’s report, the department supported several lead testing initiatives in 2021/22. The department worked with the cities of Winnipeg and Brandon to advance Residential Lead Monitoring Programs and initiated similar programs in Dauphin, Flin Flon, Morden, Portage la Prairie, The Pas, and Thompson. It also promoted and administered a provincial grant to test and mitigate lead in schools and childcare centres, providing approximately \$893,000 for testing and corrective actions. Approximately 90 per cent of Manitoba schools tested their drinking water; of the 292 schools that reported elevated lead levels, 235 have completed remediation to reduce lead levels in their drinking water.

Performance Measures

Measure	Baseline	2021/22 Actual
2.a Increase rate of materials diverted as a per cent of the total waste collected	16%	18% (2020/21)
2.b Water Quality	Average of 82 (good) in 2018	Average of 87 (good) in 2021

2.a Increase rate of materials diverted as a per cent of the total waste collected

Rate of materials diverted as a per cent of the total waste collected measures increased diversion of non-hazardous waste away from landfills, which means increases in recycling, reuse, and recovery — all of which are good for the environment. This measure is calculated as rate of annual waste diversion (%) = (Annual aggregate diversion from residential and industrial, commercial and institutional (ICI) sectors) / (Annual aggregate waste collected from residential and ICI sectors)*100. Baseline data is from 2016.

2.b Water Quality

Water quality is measured in Manitoba by assessing data using the Canadian Council of Ministers of the Environment (CCME) Water Quality Index. It is important to measure water quality to protect drinking water, fish and other aquatic life, recreation, and other important water uses. Water quality has been tested at many rivers, streams and lakes since the early 1970s. The Water Quality Index has been calculated for 36 stations since 1992. Water quality index between 0 and 100 is based on a combination of three factors, including the number of variables whose objectives are not met (scope), the frequency with which the objectives are not met (frequency), and the amount by which the objectives are not met (amplitude). The latest data available are for 2021. Within the Prairie Ecozone, the CCME Water Quality Index Value was 79 or of "fair" quality. Within the Boreal Plains, the CCME Water Quality Index Value was 84 or of "good" quality. Within the Boreal Shield Eco-zone, the CCME Water Quality Index Value was 98 or of "excellent" quality. The Water Quality Index has generally been stable since 1992 and remains in the “good” range in 2021/22.

This measure is titled “monitor, protect, and improve water quality and quantity in Manitoba” in the 2022/23 Supplement to the Estimates of Expenditure.

Other Performance Measures:

Departmental greenhouse gas (GHG) emissions

This measure examines greenhouse gas emissions generated by the department. This performance measure is being discontinued after a review of its relevance and effectiveness. In 2022/23, the department plans to increase the percentage of

the department's buildings added to Portfolio Manager or RETScreen to track greenhouse gas emissions, which is a more effective measure of performance for this objective.

3. Enhance Public and Stakeholder Trust

Key Initiatives

- In undertaking work for the development of a provincial water management strategy, public engagement included a survey and idea board hosted on EngageMB.ca. The survey sought feedback on the drafted strategy framework, specifically on the proposed vision statement, guiding principles and focus areas. The idea board asked participants to share how a made-in-Manitoba Water Management Strategy could reflect the unique needs of their community or industry. Non-governmental organizations, industry organizations, and other stakeholders were also invited to participate. A “What we Heard” report summarizing consultation results was published online in 2021/22.
- The draft Manitoba Trails Strategy was prepared with significant inputs through engagement with stakeholder groups, the public, and other interested parties throughout 2021/22. Broader public engagement via EngageMB was conducted the previous year in 2020/21. The department is now working on final revisions to prepare the strategy for public release.
- Engaged the public on use of revenues from the Provincial Parks Endowment Funds to support a variety of park initiatives. The Fund is expected to generate as much as \$1.0 million annually and supports park improvements and programming in perpetuity. An extensive list of projects to be funded by the Provincial Parks Endowment Funds in 2022/23 has been identified. These projects were selected based in part on the results of a public engagement process, and they address a number of needs in provincial parks across Manitoba aligned to strategic priorities.
- Engaged with the public and stakeholders on continued improvements to the Parks Reservation Service, which is a critical online tool to facilitate campground reservations in Manitoba's Provincial Parks. The results of the “Improving the Parks Reservation Service” survey were posted on the EngageMB portal in January 2022. Short-term solutions involved undertaking technical enhancements to the existing system to improve performance and capacity for the 2022 season. The intent is to have the new system ready for reservations for the next camping season.
- To inform a review of Manitoba's waste diversion and recycling programs, the public was asked to provide feedback on waste diversion and recycling in Manitoba through a public survey on EngageMB. The department plans to incorporate stakeholder and public feedback as it modernizes the regulatory and programming frameworks for waste diversion and recycling moving forward.
- The department has focused their effort on a multifaceted approach to engagement on the development of a long term Energy Policy Framework. This engagement has included the public through EngageMB, external stakeholders (such as industry, non-profit organisations and academia) and internal government departments through workshop and follow-up interviews.
- The department continued to enhance client service, including ongoing efforts to improve contact lists and directories to ensure prompt and courteous responses to public inquiries.

Performance Measures

Measure	Baseline	2021/22 Actual
3.a Setting and meeting high service delivery standards	New Measure	New Measure

3.a Setting and meeting high service delivery standards

Setting and meeting service delivery standards that align with client expectations increases public trust in the public service. Keeping Manitoba Government Inquiry (MGI) and the Client Information Unit (CIU) stocked with up-to-date contacts and links to functioning webpages means that when the public calls with questions related to departmental programs and services, customer service staff have information at their fingertips and/or someone to quickly connect with to get that information. This measure is calculated as a percentage of calls or emails received where customer service staff go to look up information on our website and find a broken link, or where staff cannot find a contact or where information is outdated or incorrect.

The department is reviewing this measure and moving forward has renamed it as “maintain a high percentage of barrier-free public requests (up-to-date links, information, and contact details)” in the 2022/23 Supplement to the Estimates of Expenditure. Further changes to the measure and reporting framework may be required, and these changes would be identified in the 2022/23 Annual Report.

Other Performance Measures:

Manitobans involved in decision-making

Manitobans involved in decision-making measures the number of public engagement events across all five levels of the International Association for Public Participation (IAP2) public participation spectrum. The IAP2 spectrum includes public participation at five levels- Inform, Consult, Involve, Collaborate, and Empower. Tracking the number of opportunities provided for the public to participate across this spectrum will provide a measure of how many times government involved Manitobans in decision-making. This measure is calculated by totalling the number of events held (includes online consultation, in-person or virtual meetings, information sessions, discussion papers released publicly, town halls, workshops) open to the general public or targeted stakeholders. This performance measure is being discontinued after a review of its relevance and effectiveness.

Working Smarter – Delivering Client-Centred Services

4. Reduce Red Tape

Key Initiatives

- Following public and stakeholder consultations, the department developed a single window approach to streamline forestry approvals and reduce duplication while enshrining environmental protections to improve forestry management.
- Bill 22, The Environment Amendment Act (Pesticide Restrictions) is currently before the Legislative Assembly, and if passed would remove the prohibition on the application of certain pesticides to lawns and the sale of those pesticides would no longer be subject to provincial regulations.
- The department launched e-forms for the registration of holding tanks, septic tank replacements, and certificates of exemption to retain sewer ejector systems to improve client service.
- The department launched e-forms to apply for a Permit to Operate a Jobsite Storage Tank and to Request a Transfer of Ownership of a Permit to Operate a Fixed Petroleum Product or Allied Product Storage Tank System.
- The department streamlined its manure management plan submission process, and went paperless to improve service delivery, free up over 200 staff hours to refocus on higher value-added activities, and eliminate printing over 2,500 pages each year.

Performance Measures

Measure	Baseline	2021/22 Actual
4.a Per cent reduction in regulatory requirements	0	0
4.b Number of internal processes improved through lean or transformation and process improvement initiatives	New Measure	6

4.a Per cent reduction in regulatory requirements

This was a new measure in 2021/22 and has been updated and refined from the number of eliminated regulatory requirements, represented as a percentage of the number of department regulatory requirements reduced divided by the total department regulatory requirements to; remove regulatory requirements that are unclear, overly prescriptive, poorly designed, redundant, contradictory or antiquated. Not all regulatory requirements create red tape. This measure accounts for the percentage

reduction of regulatory requirements undertaken by the department in a fiscal year. See Regulatory Accountability and Red Tape Reduction in this report for further detail.

4.b Number of internal processes improved through lean or transformation and process improvement initiatives

Improving and rationalizing internal processes will reduce tape internal to the department. It will also foster innovative new ways of conducting work that benefit citizens. This measure is calculated by totaling the number of internal processes improved using lean or transformation initiatives during a fiscal year. Moving forward, this measure has been renamed “increase the number of processes improved” in the 2022/23 Supplement to Estimates of Expenditure.

5. Modernize our Legislative Framework (Note: this objective is not included in the 2022/23 Supplement to the Estimates of Expenditure)

Key Initiatives

- Amended the Onsite Wastewater Management Systems Regulation to extend the time window for homeowners to connect dwellings to new or existing municipal wastewater collection infrastructure to provide greater flexibility while still ensuring environmental protection
- Modernized environmental legislation by streamlining forestry approvals to reduce red tape and duplication by creating a single window licensing process with the Department of Natural Resources and Northern Development.

6. Be Transparent

Key Initiatives

- Schools across the province took measures to protect students from the adverse effects of lead in drinking water by testing, taking corrective actions, and publicly sharing the results. Together with Education and Early Childhood Learning and Manitoba Health, the Office of Drinking Water provided templates to school divisions for posting relevant information on their websites and for communicating with their school communities. In 2022/23, the Office will be posting the results of the initiative on the Manitoba government website.
- The department continues to implement the recommendations from the Office of the Auditor General report Provincial Oversight of Drinking Water Safety (<https://www.oag.mb.ca/audit-reports/report/provincial-oversight-of-drinking-water-safety/>), including the recommendation to enhance publicly available information on water system compliance. Work with schools and childcare centres to test for lead in drinking water and posting data publicly continues.

Performance Measures

Measure	Baseline	2021/22 Actual
6.a Number of documents/reports shared online	New Measure	New Measure

6.a. Number of documents/reports shared online

Guides and process documents provide transparency and predictability for members of the public accessing department services or applying for licences. Reports provide transparency and increase public confidence in government decision-making. This measure is calculated by counting the number of documents or reports posted to the department website or OpenMB in a fiscal year. This measure is being reevaluated and is listed as “increase the number of new or updated items shared online” in the 2022/23 Supplement to Estimates of Expenditure. A revised reporting framework will be developed to support this measure in 2022/23.

Other Performance Measures:

Number of statutes/regulations amended or updated

The department continues to work to modernize its legislative framework to focus on policy outcomes, rather than prescribe process or specific initiatives, with the goal to provide flexibility to adapt to changing fiscal, societal or environment context while remaining focused on results. However, this performance measure is being discontinued after a review of its relevance and effectiveness.

Public Service – Delivering Client-Service Excellence

7. Advance Inclusion

Key Initiatives

- The Diversity, Inclusion and Accessibility Committee for Environment, Climate and Parks and Natural Resources and Northern Development hosted a number of learning events through webinar presentations, to promote awareness and expand learning opportunities for the department.

Performance Measures

Measure	Baseline	2021/22 Actual
7. a Percentage of department employees who have completed mandatory diversity and inclusion training	New Measure	New Measure

7.a Percentage of department employees who have completed mandatory diversity and inclusion training

This measure captures the percentage of department employees that have taken mandatory diversity and inclusion training offered through the Public Service Commission. It is assumed that employees will implement course learning through their work, supporting inclusive workplaces. Processes are currently being developed to ensure accurate data collection, target setting and reporting ability for the 2022/23 Annual Report.

Other Performance Measures:

Employee Perspectives Program survey results

Manitoba's Public Service Commission reports on the whole of government results from the Employee Perspectives Program engagement survey on an annual basis. As a result, the department has replaced the 'employee perspectives program survey results' measures with percentage of department employees who have completed mandatory diversity and inclusion training, percentage of department employees who have completed mandatory respectful workplace training, and percentage of department employees with a current completed Performance Development Conversation Form.

8. Strengthen Respect in Our Workplaces

Key Initiatives

- The department continues to prioritize education and awareness about respectful workplaces and provided targeted training to seasonal staff who may not otherwise have access to corporate training offered by the Public Service Commission.

Performance Measures

Measure	Baseline	2021/22 Actual
8.a Percentage of department employees who have completed mandatory respectful workplace training	New Measure	New Measure

8.a Percentage of department employees who have completed mandatory respectful workplace training

This measure captures the percentage of department employees that have completed the mandatory respectful workplace training offered through the Public Service Commission. Processes are currently being developed to ensure accurate data collection, target setting and reporting ability for the 2022/23 Annual Report.

9. Demonstrate Excellence

Key Initiatives

- The quality of programs and services delivered to Manitobans is directly impacted by the performance of each department employee. The department continues to build capacity and harness the talents of its diverse employees in an inclusive and respectful work environment, which is critical to ensuring that Manitoba's public service is effective and can demonstrate excellence in meeting the complex needs of its citizens. The department continues to implement a formal performance development program to ensure work expectations are met and that staff are provided with the tools necessary to be successful in their roles.

Performance Measures

Measure	Baseline	2021/22 Actual
9.a Percentage of department employees with a current completed Performance Development Conversation Form	New Measure	New Measure

9.a Percentage of department employees with a current completed Performance Development Conversation Form

This measure tracks the percentage of department employees who have completed a formal Performance Development Conversation Form with their supervisor each fiscal year. Completion of annual performance development conversations helps employees and supervisors work together to improve performance by ensuring work expectations are clear and that employees are provided with the tools necessary to support the programs and services Manitobans rely on. In 2022/23, this measure will be included under the Build our Capacity to Execute objective.

10. Build Our Capacity to Execute

Key Initiatives

- The department had begun work to update its French Language Services 2018-2021 Strategic Plan for the next multi-year cycle, and continues to develop the Plan.

Performance Measures

Measure	Baseline	2021/22 Actual
10.a Use of project management training	New Measure	New Measure

10.a Use of project management training

This measure tracks the number of staff who completed and are actively using their project management training against the total number of staff who completed project management training. This measure determines the department's success in building staff capacity to execute projects, ideas, time management and improving process.

The department has renamed it as "increase the percentage of staff using their project management training" in the 2022/23 Supplement to Estimates of Expenditure. This measure is currently being reviewed by the department to determine its relevance and effectiveness.

Value for Money – Protecting Manitoba's Bottom Line

11. Provide Value for Money

Key Initiatives

- The department continues to spend within its capital budget.
- The department supported the work of the Watershed Districts including assistance with program delivery, watershed and aquifer management planning, provincial grant administration, policy development, board governance, and work to secure additional funding including through the GROW and Conservation Trusts. Watershed Districts hire local staff and support local businesses to implement projects throughout agri-Manitoba. Higher funding levels result in increased spending at local businesses and additional local employment opportunities.

Performance Measures

Measure	Baseline	2021/22 Actual
11. a Paper reduction - percent reduction in number of paper packages consumed	New Measure	New Measure
11.b Capital budget - ability to work within the Capital budget	98%	98%

11.a Paper reduction

This measure identifies the per cent reduction in the number of packages of paper consumed by the department in a fiscal year which will indicate an overall reduction in unnecessary paper usage. It will be expressed as the per cent reduction in the amount of paper consumed by the department annually. In the 2022/23 Supplement to Estimates of Expenditure, this measure is now titled "reduce the amount of paper printed". Processes are currently being developed to ensure accurate data collection, target setting and reporting ability for the 2022/23 annual report.

11.b Capital budget - ability to work within the Capital budget

This measure demonstrates the department's ability to work within the voted Part B Capital budget, spending the budget allocation on department programs and priorities without going over our budget. It was calculated by expressing total actual Part B expenditures as a percentage of total Part B budget. The department spent within the capital budget and budget was expended in 2021/22 on key Parks investments to meet infrastructure needs and provide high quality service to Manitobans. The Government of Manitoba –Manitoba Restart Program also contributed capital funding in the Parks sector resulting in key water infrastructure project upgrades at a number of provincial parks.

12. Balance the Budget

Key Initiatives

- The department continues to spend within its operating budget.

Measure	Baseline	2021/22 Actual
12. a Operating budget - ability to work within the operating budget	96%	130%
12. b Environmental liabilities fund - net change in value	New Measure	OAM \$210.43M Environmental Liability Contaminated Sites Program \$41.3 million

12.a Operating budget - ability to work within the operating budget

This measure demonstrates the department's ability to work within the operating budget. It will be calculated by expressing total actual operating expenditures as a percentage of the total operating budget.

Environmental Liabilities and Remediation works increased the operating budget. However, these expenditures were necessary to support measures to mitigate environmental impacts. The department will continue to strive towards reduced financial liabilities associated with contaminated sites and orphaned and abandoned mines. The department will report separately on the Environmental Liabilities Fund in the next Annual Report.

12.b Environmental liabilities fund - net change in value

This measure is intended to track the net change in value of the Environmental Liabilities Fund, in a given fiscal year. By tracking the net change in value of the Environmental Liabilities Fund, the department will demonstrate performance in our goal of reducing environmental liabilities on the landscape to help reduce the value of the fund. The department is updating its assessment of environmental liabilities. Once this baseline is finalized, the department will strive to reduce the value of environmental liabilities by at least 5 per cent per fiscal year.

13. Leverage Funding and Investment Through Partnerships (Note: this objective is not included in the 2022/23 Supplement to Estimates of Expenditure)

Key Initiatives

- Along with our Prairie Provinces and federal partners, Manitoba invested in ClimateWest to provide climate data and adaptation services to help people, communities, businesses and governments identify and address the risks and vulnerabilities of a changing climate through enhanced planning and actions.
- Efficiency Manitoba rolled out nine new programs and offers in 2021/22, including Heat Pump program, Innovation Fund, and Windows and Doors rebate. These launches supplemented the ongoing availability of in-market programs and enhancements designed to respond to pandemic-related challenges and supported economic recovery. Efficiency Manitoba has over 35 programs and offers available for Manitobans across residential, income-based, Indigenous, commercial, industrial, and agricultural customer segments.
- As of March 31, 2022, there were 365 successful applications submitted to the Efficient Trucking Program, consisting of 2,054 trucks and 1,771 trailers receiving fuel saving device installations. This has already amounted to nearly 12,000 tonnes of reduced emissions, with over 82 ktCO₂e expected by 2030. Due to the success of the Efficient Trucking Program and to further capitalize on Manitoba's LCEF (Low Carbon Economy Fund) allocation, the department requested a two-year extension worth \$6.3 million (federal LCEF contribution will be \$3.3 million).

- The Conservation and Climate fund was launched in 2020 as a new funding source with a competitive annual intake and provided support to projects that address climate change and protect the environment in alignment with the priorities of the Manitoba Climate and Green Plan. In 2021/22: \$1.0 million was allocated for nine projects; areas covered: Innovation and Cleantech, Conservation, Water Quality, Circular Economy Development, and Sector Emissions Reductions.
- Environment, Climate and Parks continues to provide funding opportunities for non-profit organizations and private agencies interested in supporting implementation of the Made-in-Manitoba Climate and Green Plan through the Conservation and Climate Fund.
- The department has leveraged private sector investments in clean technologies through innovative programs such as the Green Impact Bond, the Efficiency Trucking Program and alignment with the Skills, Talent and Knowledge Strategy to stimulate green jobs. The department has leveraged private sector investments in clean technologies through innovative programs such as the Green Impact Bond, the Efficiency Trucking Program and alignment with the Skills, Talent and Knowledge Strategy to stimulate green jobs.
- The department also continues to work with Efficiency Manitoba to provide energy efficiency programming to industry and the public that make Manitoba a more affordable place to live and to do business.
- Through Manitoba's \$5.872 million in Watershed Districts and Planning Assistance Grants, which provide core funding to watershed districts, districts were able to leverage another \$7.743 million in municipal, federal, and other funding sources to implement watershed projects and planning across Manitoba. This includes implementing Growing Outcomes in Watersheds (GROW) to support and enhance ecological goods and services on working landscapes as part of the Manitoba Climate and Green Plan.

Other Performance Measures:

Value of partnerships

This measure counts the dollars leveraged through partnership agreements with other levels of government (municipal or federal), non-government organizations or industry. By leveraging funding from outside the provincial government, the department augments provincial investment to achieve greater outcomes and outputs (i.e., greater efficiency/more value for money). This performance measure is being discontinued after a review of its relevance and effectiveness.

Number of partnerships between the public sector and private agencies

This measure counts the number of partnerships entered into in a given fiscal year by the department. It represents the total count of new (or renewed) public-private partnerships that leverage non-government funds. This performance measure is being discontinued after a review of its relevance and effectiveness.

FINANCIAL DETAILS

Consolidated Actual Expenditures

This table includes the expenditures of the department and Other Reporting Entities that are accountable to the Minister and aligns to the Summary Budget.

Environment, Climate and Parks includes the following OREs:

- Efficiency Manitoba
- Manitoba Hazardous Waste Management Corporation

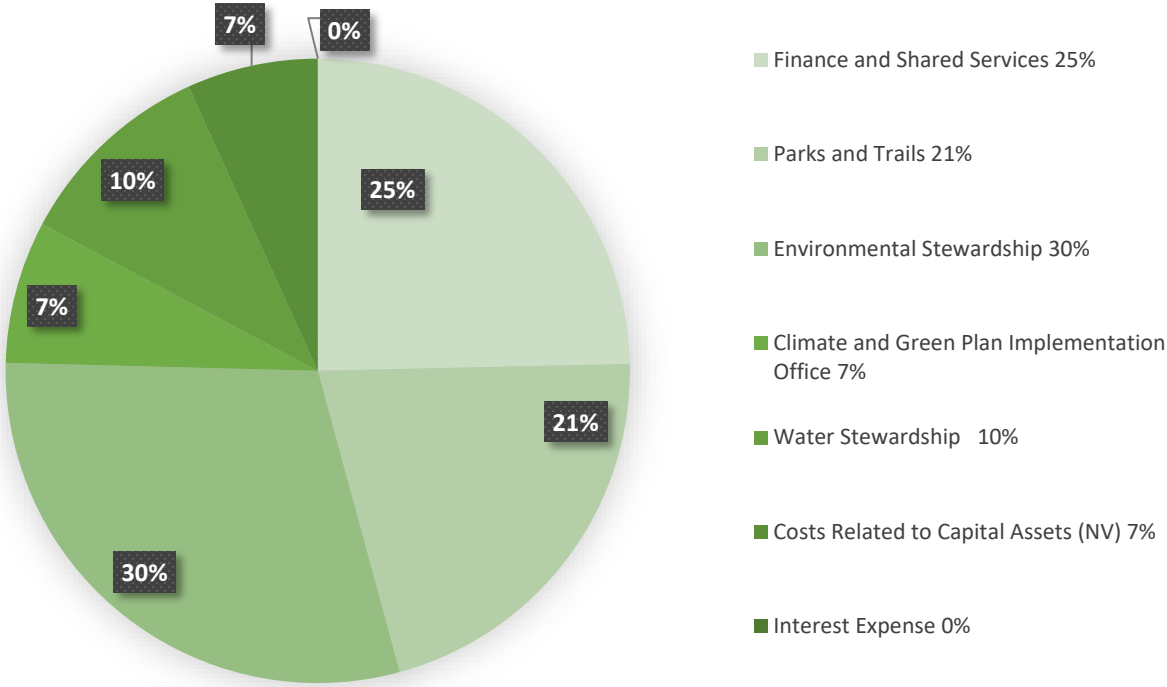
Consolidated Actual Expenditures

For the fiscal year ended March 31, 2022 with comparative figures for the previous fiscal year (\$000s)

Main Appropriations	Part A - Operating	Other Reporting Entities	Consolidation, and Other Adjustments	2021/22 Actual	2020/21 Actual
Finance and Shared Services	8,607	39,901	(6,686)	41,822	34,805
Parks and Trails	32,401			32,401	51,050
Environmental Stewardship	45,451	21		45,472	205,768
Climate and Green Plan Implementation Office	11,322			11,322	5,739
Water Stewardship	15,985			15,985	19,248
Costs Related to Capital Assets (NV)	10,250	177		10,427	7,208
Interest Expense		1		1	8
TOTAL	124,016	40,100	(6,686)	157,430	323,826

NV – Non-Voted

**Percentage Distribution of Consolidated Actual Expenditures
by Operating Appropriation,
2021/22, Actuals**



Summary of Authority

Detailed Summary of Authority by Appropriation (\$000s)

Detailed Summary of Authority	2021/22 Printed Estimates	In-Year Re-organization	Virement	Enabling Authority	Authority 2021/22	Supplementary Estimates
Part A – OPERATING (Sums to be Voted)						
Finance and Shared Services	6,573	2,669	1,761		9,242	
Parks and Trails	33,707	(3,927)	(1,187)	1,262	32,803	
Environmental Stewardship	26,009	(2,987)	(162)		21,835	
Climate and Green Plan Implementation Office	3,416	(126)			3,128	
Water Stewardship	-	16,590	(412)		16,178	
Wildfire Service	48,698	(48,698)			-	
Subtotal	118,403	(36,479)	-	1,262	83,186	-
Part A – OPERATING (Non-Voted)	10,386	(3,239)			7,147	
Costs Related to Capital Assets						
TOTAL PART A - OPERATING	128,789	(39,718)	-	1,262	90,333	-
Part B – CAPITAL INVESTMENT	8,025	(5,484)		6,650	9,191	
Part C – LOANS AND GUARANTEES	Nil	Nil		Nil	Nil	
Part D – OTHER REPORTING ENTITIES CAPITAL INVESTMENT	Nil	Nil		Nil	Nil	

Part A - OPERATING

**2021/22 Authority
\$ (000's)**

2021/22 MAIN ESTIMATES – PART A	128,789
Allocation of funds from: -Internal Service Adjustments	1,262
Subtotal	1,262
In-year re-organization from: Agriculture Natural Resources and Northern Development	12,555 (52,273)
Subtotal	(39,718)
2021/22 Authority	90,333

Part B – Capital Investment

**2021/22 Authority
\$ (000's)**

2021/22 MAIN ESTIMATES – PART B	8,025
Allocation of funds from: -Internal Service Adjustments	6,650
Subtotal	6,650
In-year re-organization from: Natural Resources and Northern Development	(5,484)
Subtotal	(5,484)
2021/22 Authority	9,191

Part C – Loans and Guarantees

**2021/22 Authority
\$ (000's)**

2021/22 MAIN ESTIMATES – PART C	Nil
In-year re-organization from: N/A	
Subtotal	Nil
2021/22 Authority	Nil

**Part D – Other Reporting Entities
Capital Investment**

**2021/22 Authority
\$ (000's)**

2021/22 MAIN ESTIMATES – PART D	Nil
In-year re-organization from: N/A	
Subtotal	Nil
2021/22 Authority	Nil

Part A: Expenditure Summary by Appropriation

Departmental Actual Expenditures

For the fiscal year ended March 31, 2022 with comparative figures for the previous fiscal year (\$000s)

Authority 2021/22	Appropriation	Actual 2021/22	Actual 2020/21	Increase (Decrease)	Explanation Number
	12-1 Finance and Shared Services				
	(a) Minister's Salary				
42	Salaries and Employee Benefits	42	42	0	
	(b) Executive Support				
712	Salaries and Employee Benefits	678	713	(35)	
182	Other Expenditures	57	50	7	
	(c) Administration and Financial Services				
5,706	Salaries and Employee Benefits	5,415	4,984	431	1
1,229	Other Expenditures	1,200	1,439	(239)	2
	(d) Clean Environment Commission				
341	Salaries and Employee Benefits	325	318	7	
79	Other Expenditures	40	33	7	
	(e) Legislation, Policy and Co-ordination				
865	Salaries and Employee Benefits	793	717	76	
86	Other Expenditures	57	48	9	
9,242	Subtotal 12-1	8,607	8,344	263	
	12-2 Parks and Trails				
	(a) Divisional Administration				
1,160	Salaries and Employee Benefits	1,061	1,165	(104)	3
558	Other Expenditures	478	517	(39)	
	(b) Parks				
19,004	Salaries and Employee Benefits	18,916	18,996	(80)	
11,688	Other Expenditures	11,504	29,980	(18,476)	4
393	Grant Assistance	442	392	50	
32,803	Subtotal 12-2	32,401	51,050	(18,649)	
	12-3 Environmental Stewardship				
	(a) Divisional Administration				
301	Salaries and Employee Benefits	240	296	(56)	
40	Other Expenditures	60	51	9	

	(b)	Environmental Compliance and Enforcement				
4,278		Salaries and Employee Benefits	3,856	3,926	(70)	
721		Other Expenditures	570	584	(14)	
	(c)	Environmental Approvals				
3,041		Salaries and Employee Benefits	3,120	3,237	(117)	5
447		Other Expenditures	513	370	143	6
	(d)	Environmental Programs and Remediation				
1,328		Salaries and Employee Benefits	1,294	1,205	89	
10,334		Other Expenditures	34,682	195,600	(160,918)	7
37		Grant Assistance	37	37	-	
	(e)	Contingency for Lead Mitigation				
1,308		Other Expenditures	1,079	435	644	8
21,835		Subtotal 12-3	45,451	205,741	(160,290)	
	12-4	Climate and Green Plan Implementation Office				
	(a)	Climate and Green Plan Implementation Office	1,898	1,730	168	9
2,016		Salaries and Employee Benefits	9,090	3,599	5,491	10
395		Other Expenditures				
	(b)	Energy Policy	321	410	(89)	
409		Salaries and Employee Benefits	13	-	13	
308		Other Expenditures				
3,128		Subtotal 12-4	11,322	5,739	5,583	
	12-5	Water Stewardship				
	(a)	Divisional Administration				
209		Salaries and Employee Benefits	194	216	(22)	
-		Other Expenditures	11	22	(11)	
	(b)	Water Science and Watershed Management				
3,238		Salaries and Employee Benefits	3,178	2,917	261	11
958		Other Expenditures	954	791	163	12
	(c)	Drainage and Water Rights Licensing				
1,998		Salaries and Employee Benefits	1,968	2,262	(294)	13
503		Other Expenditures	458	548	(90)	
	(d)	Office of Drinking Water				
2,301		Salaries and Employee Benefits	2,318	2,284	34	
622		Other Expenditures	624	602	22	
	(e)	Watershed Districts and Planning Assistance				

5,873		Grant Assistance	5,851	6,520	(669)	14
	(f)	Water Stewardship Initiatives				
-		Salaries and Employee Benefits	-	-	-	
476		Other Expenditures	429	3,086	(2,657)	15
16,178		Subtotal 12-5	15,985	19,248	(3,263)	
	12-6	Costs Related to Capital Assets				
	(a)	General Assets				
1,122		Amortization Expense	4,326	1,563	2,763	16
	(b)	Infrastructure Assets				
6,025		Amortization Expense	5,924	5,603	321	17
7,147		Subtotal 12-6	10,250	7,166	3,084	
90,333		Total Expenditures	124,016	297,288	(173,272)	

Explanation(s):

- 1 Increase is due to higher severance payments and fewer vacancies compared with prior year.
- 2 Decrease is due to lower advertising and project management costs related to elicensing.
- 3 Decrease is due higher number of vacant positions.
- 4 Decrease is primarily due to one-time start up cost incurred in prior year for establishment of Winnipeg Foundation.
- 5 Decrease is mainly from secondment costs incurred in prior year and not current year.
- 6 Increase is primarily due to legal services incurred in current year.
- 7 Decrease is mainly due to lower year-end accounting adjustment required regarding the assessed value of Orphan and Abandoned Mine Site liabilities compared to the prior year.
- 8 Increase is mainly due to grants paid under the Lead Grant Program.
- 9 Increase is due to fewer vacancies compared with prior year.
- 10 Increase is mainly due to expense for amount payable to Efficiency Manitoba from Government of Canada from Government of Canada for a bilateral agreement. This is the expenditure side of the transaction and there is zero net impact on Manitoba's bottom line.
- 11 Increase is due to fewer vacancies compared with prior year.
- 12 Increase is due to increased number of staff and operational activity.
- 13 Decrease is due to increased vacancies and fewer severance payments compared with prior year.
- 14 Decreased payments made in this fiscal year.
- 15 Decrease due to payment of grant funding to the Winnipeg Foundation in 2020/21 to establish an endowment and annual support for the GROW and Conservation Trust Programs.
- 16 Increase is due to pending transfer of amortization related to Water Bomber planes to another department following the January 2022 reorganization.
- 17 Increase is due to amortization related to infrastructure assets completed within the current year.

Overview of Capital Investments and Loans Activity

Part B – Capital Investment	2021/22 Actual \$(000s)	2021/22 Authority \$(000s)	Variance Over/(Under) \$(000s)	Expl.
Provides for				
Duck Mountain (Wellman) Waste Transfer Station	1	35	(34)	
Paint Lake - Lift Station	2,024	335	1,689	1
Paint Lake Water Treatment Plant Intake Upgrade	2	629	(627)	2
MB-Restart - Grand Beach Water Treatment Plant Upgrade	861	300	561	3
MB-Restart - Grand Beach Wastewater lagoon	3,124	2,800	324	4
MB Restart - New South Whiteshell Truck Haul Lagoon	1,046	2,950	(1,904)	5
Brereton Lake Water Treatment Plant	39	717	(678)	6
Grindstone Road Improvement	211	200	11	
Birds Hill Sewer Collection System Upgrade	-	250	(250)	7
Birds Hill Water Waste Treatment Lagoon Upgrade	225	375	(150)	8
Duff Roblin Phase 2 - secondary trails and signage	68	500	(432)	9
Asessippi Water Treatment Plant Upgrade	135	100	35	
Other Minor General Assets	66	-	66	
Other Minor Infrastructure Assets	899	-	899	10

Explanation(s):

- 1 Project originally scheduled for completion in 2020/21 was completed in 2021/22 with funding from Manitoba Restart.
- 2 Project work deferred to 2023/24 to address other priorities.
- 3 Project originally scheduled for completion in 2020/21 was completed in 2021/22 with funding from Manitoba Restart.
- 4 Project originally scheduled for completion in 2020/21 was completed in 2021/22 with funding from Manitoba Restart.
- 5 Project work was completed ahead of schedule in 2020/21. Project budget fell within Manitoba Restart allotted funding.
- 6 Project deferred to 2022/23 to address other priorities.
- 7 Project deferred to 2022/23 to address other priorities.
- 8 Project was not finalized in 2021/22; remaining work to be completed in 2022/23.
- 9 Main project work deferred to 2022/23 to address other priorities.
- 10 Funding reallocated to minor capital projects including Hecla and Whiteshell infrastructure and installation of provincial playgrounds.

Part C – Loans and Guarantees	2021/22 Actual \$(000s)	2021/22 Authority \$(000s)	Variance Over/(Under) \$(000s)	Expl.
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Provides for N/A	-	-	-	
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Explanation(s):

Part D – Other Reporting Entities Capital Investment	2021/22 Actual \$(000s)	2021/22 Authority \$(000s)	Variance Over/(Under) \$(000s)	Expl.
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Provides for N/A	-	-	-	
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Explanation(s):

Revenue Summary by Source

Departmental Actual Revenue

For the fiscal year ended March 31, 2022 with comparative figures for the previous fiscal year (\$000s)

Actual 2020/21	Actual 2021/22	Increase (Decrease)	Explanation Number	Source	Actual 2021/22	Estimate 2021/22	Variance Over/(Under)	Explanation Number
Taxation								
-	-	-			-	-	-	
Subtotal								
Other Revenue								
-	-	-		Clean Environment Commission Cost Recovery	-	100	(100)	6
641	9,877	9,236	1	Environment Fees and Sundry	9,877	9,275	602	7
20,998	20,549	(449)	2	Parks Fees	20,549	17,887	2,662	8
118,961	88,825	(30,136)	3	Water Power Rentals	88,825	131,000	(42,175)	9
416	350	(66)		Water Resources Sundry	350	466	(116)	10
386	709	323	4	Sundry	709	250	459	11
141,402	120,310	(21,092)		Subtotal	120,310	158,978	(38,668)	
Government of Canada								
292	331	39		Building Regional Adaptation Capacity and Expertise	331	332	(1)	
40	35	(5)		Vulnerability and Risk Assessment	35	75	(40)	
2,940	12,684	9,744	5	Low Carbon Economy Fund (LCEF)	12,684	2,900	9,784	12
3,272	13,050	9,778		Subtotal	13,050	3,307	9,743	
144,674	133,360	(11,314)		Total Revenue	133,360	162,285	(28,925)	

Explanation Number:

- 1 Higher revenue mainly due to first year of reporting Waste Reduction and Recycling Revenues, as part of the Core Environment Revenues of \$9.1 million.
- 2 Decrease mainly due to lower Cabin, Yurt and Camping Fees compared to prior year Covid restrictions \$(1.2) M, partially offset by first Park Endowment Fund revenue \$ 0.5 million.
- 3 Lower revenue is due to the drought situation in the Lake Winnipeg watershed and storage in 2021/22.
- 4 Higher revenue mainly due to one-time revenue recognition related to the Clean Air and Climate Trust Fund payment and biofuels penalty.
- 5 Higher revenue mainly due to a revenue receivable from Government of Canada on behalf of Efficiency Manitoba.
- 6 No revenue in 2021/22 as there were no hearings by the Commission during the current year due to Covid-19.
- 7 Higher revenue primarily due to higher waste reduction and recycling support revenue and increased revenue from on-site wastewater management fees.
- 8 Higher revenue due to increased activity from camping, vehicle permits, vacation cabin and yurt and lot rentals.
- 9 Lower revenue is due to the drought situation in the Lake Winnipeg watershed in 2021/22.
- 10 Lower revenue due to decrease in Water Rights Application fees and Water Use Charges.
- 11 Higher revenue mainly due to one-time revenue recognition related to the Clean Air and Climate Trust Fund payment and biofuels penalty.
- 12 Higher revenue mainly due to a revenue receivable from Canada on behalf of Efficiency Manitoba.

Departmental Program and Financial Operating Information

Finance and Shared Services (12.1)

Main Appropriation Description

Provides executive management of the department. Provides corporate services, including financial, information technology, and administrative support services. Works across the department to develop strategic policy and co-ordinates legislation, reports, and other briefing material for executive management.

Clean Environment Commission: Evaluates and provides recommendations and advice on environmental impacts of developments, investigates and researches environmental matters, and undertakes public education activities.

Note: Corporate services, including financial, information technology, and administrative support services are a shared service provided to Environment, Climate and Parks and Natural Resources and Northern Development. The shared service is budgeted in Environment, Climate and Parks.

Sub-appropriations	2021/22 Actual	2021/22 Authority	
	\$(000s)	FTEs	\$(000s)
Minister's Salary	42	1.00	42
Executive Support	735	8.00	894
Administration and Financial Services	6,615	81.00	6,935
Clean Environment Commission	365	3.00	420
Legislation, Policy and Co-ordination	850	10.00	951
TOTAL	8,607	103.00	9,242

Minister's Salary

Sub-Appropriation Description

Provides the Minister with additional compensation to which an individual appointment to Executive Council is entitled.

12.1(a) Minister's Salary

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	42	1.00	42	0	
Total Sub-Appropriation	42	1.00	42	0	

Executive Support

Sub-Appropriation Description

Support staff in the offices of the Minister and Deputy Minister of Environment, Climate and Parks.

12.1(b) Executive Support

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	678	8.00	712	(34)	
Other Expenditures	57		182	(125)	1
Total Sub-Appropriation	735	8.00	894	(159)	

Explanation(s):

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

Administration and Financial Services

Sub-Appropriation Description

Provides executive management of programs and management services, including financial and administrative leadership, direction, advice and guidance to the department of Environment, Climate and Parks, and provides shared services to the department of Natural Resources and Northern Development. This includes financial and administrative support, client information services, comptrollership and auditing functions, planning and policy development, capital and asset investment planning, process improvement and technology business analysis, and risk management program services.

Key Results Achieved

- Provided delivery of service for the Manitoba e-licensing system. The new e-licensing system benefited Manitobans through improved convenience, data collection, and compliance and enforcement capabilities of Conservation Officers. In 2021/22, more than 398,000 licences and permits were issued through the e-licensing system.
- 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 e-licensing 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.
- The Diversity, Inclusion and Accessibility Committee (DIASC) for Environment, Climate and Parks and Natural Resources and Northern Development hosted a number of learning events through webinar presentations, to promote awareness and expand learning opportunities for the department.
- DIASC promoted Manitoba Accessibility Awareness Week, through May 31 to June 4, 2021, by coordinating a 5-day accessibility challenge for the department of Environment, Climate and Parks by sending daily email correspondence on the

five accessibility standards and 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 Manitobans Act and the requirement for all staff to complete the mandatory Accessibility for Manitobans Act training.

- As an initiative for Truth and Reconciliation, DIASC organized an opportunity for staff to place orange ribbons at 200 Saulteaux on the fences in designated flowerbeds to commemorate the lives lost in the residential schools. Approximately 150 ribbons were placed on the fences for this initiative.
- Furthered the department’s approach to analyzing existing operations and expanded a continuous improvement practice across the organization to realize productivity efficiencies and improve client-centered services. Department business practices and processes were reviewed and redefined to produce priority aligned deliverables with less red-tape.
- The department 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.
- Advanced modernization strategy and action plans for the department’s air quality, environmental management, and parks reservation business support systems.
- Led technological health reviews of several business support systems, including the Licence Advisory Committee System, the Environmental Management System, and the Water Licensing and Land Assessment System.
- Facilitated the implementation of multiple technology improvements to the Parks Reservation System.
- Detailed information regarding The Freedom of Information and Protection of Privacy Act, including information specific to Environment, Climate and Parks, can be found in the FIPPA Annual Report at https://www.gov.mb.ca/fippa/annual_reports/index.html.
- Administered grant-funding programs and capital investments in cooperation with program areas to support government priorities.
- Continued implementation of a comprehensive comptrollership plan involving education of staff on financial topics and audits to manage and mitigate risk.
- Coordinated and prepared budgets, reviewed and analyzed program financials and revenue, reported on financials of consolidated programs including Other Reporting Entities.

12.1(c) Administration and Financial Services

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	5,415	81.00	5,706	(291)	1
Other Expenditures	1,200		1,229	(29)	
Total Sub-Appropriation	6,615	81.00	6,935	(320)	

Explanation(s):

- 1 Under-expenditure due to vacancies and voluntary reduced workweek savings.

Clean Environment Commission

Sub-Appropriation Description

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 Commission issues its own Annual Report with information on its mandate and operations. Copies can be obtained from the Commission at 305-155 Carlton Street, Winnipeg, MB R3C 3H8. The Commission can be contacted at 204-945-0594, or toll free number at 1-800-597-3556, or by fax at 204-945-0090. The Commission's website is www.cecmanitoba.ca.

12.1(d) Clean Environment Commission

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	325	3.00	341	(16)	
Other Expenditures	40		79	(39)	
Total Sub-Appropriation	365	3.00	420	(55)	

Legislation, Policy and Co-ordination

Sub-Appropriation Description

Leads the development and integration of high priority policy for the department, particularly in areas that cross divisions and departments. Responsible for the Resource Tourism Operators Program and the Protective Areas Initiatives.

Key Results Achieved

- In 2021/22, the Legislation, Policy and Coordination branch continued to support program areas across the department to implement strategic policy initiatives, regulatory accountability processes, and to develop Balanced Scorecards.
- The Resource Tourism Operators Program issued approximately 425 outfitting licences and 750 associated facility permits to resource tourism operators under The Resource Tourism Operators Act. This program has been transferred to the Department of Natural Resources and Northern Development in 2022/23.
- The Protected Areas Initiative continues to contribute to Manitoba's climate resilient future by building a network of protected and conserved areas that conserves ecosystems and maintains biodiversity in all 16 ecoregions across the province.

12.1(e) Legislation, Policy and Co-ordination

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	793	10.00	865	(72)	1
Other Expenditures	57		86	(29)	
Total Sub-Appropriation	850	10.00	951	(101)	

Explanation(s):

- 1 Under-expenditure due to vacancies and voluntary reduced workweek savings.

Parks and Trails (12.2)

Main Appropriation Description

Provides integrated and co-ordinated delivery of all parks programs and services across Manitoba including administrative support.

Sub-appropriations	2021/22 Actual	2021/22 Authority	
	\$(000s)	FTEs	\$(000s)
Divisional Administration	1,539	16.00	1,718
Parks	30,862	127.05	31,085
TOTAL	32,401	143.05	32,803

Divisional Administration

Sub-Appropriation Description

Provides leadership for development, implementation and co-ordination of divisional strategic priorities, policies and legislative projects, including financial and administrative functions.

12.2(a) Divisional Administration

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	1,061	16.00	1,160	(99)	1
Other Expenditures	478		558	(80)	
Total Sub-Appropriation	1,539	16.00	1,718	(179)	

Explanation(s):

- 1 Under-expenditure due to vacancies and voluntary reduced workweek savings.

Parks

Sub-Appropriation Description

Responsible for managing provincial parks, ecological reserves, and the Canadian Heritage Rivers System. Manitoba's Provincial Park system contains more than four million hectares of land and water set aside in 92 provincial parks protected for the enjoyment and recreation of Manitobans and visitors. Parks contribute to Manitoba's economic well-being through tourism and resource development, individual physical and mental well-being through recreation and strengthening Manitoba's climate change resiliency and adaptability.

Key Results Achieved

- Developed a draft Manitoba Trails Strategy to address the development and maintenance of provincial recreational trail networks and addressed a wide range of trails-related issues and opportunities. The Strategy was prepared with significant inputs through engagement with numerous other provincial departments, stakeholder groups, the public, and other interested parties.
- Developed a draft Provincial Parks Strategy to sustain Manitoba’s parks into the future and improve the visitors’ experience. The Strategy is being developed as part of a renewal and modernization effort of Manitoba’s provincial park system and will be informed by the final Travel Manitoba commissioned Provincial Parks Evaluation Study and engagement with Indigenous communities, stakeholders, and the public.
- Engaged with the public on use of revenues from the Provincial Parks Endowment Funds to support a variety of park initiatives. The Fund is expected to generate around \$1.0 million annually and support park improvements and programming in perpetuity.
- Engaged the public and stakeholders on continued improvements to the Parks Reservation Service, which is a critical online tool to facilitate campground reservations in Manitoba’s Provincial Parks. The results of the “Improving the Parks Reservation Service” survey was posted on the EngageMB portal and resulted in both short-term and long-term solutions to the Parks Reservation Service.
- Worked with provincial park cottagers, including the Manitoba Provincial Park Cabin Owners Association, towards developing fair and sustainable future approaches to collecting cottage lease and service fees, with a goal to improve the financial sustainability of parks services and programming while improving user experiences.
- Management plans have been prepared for five provincial parks in the northeast region: Burge Lake, Paint Lake, Pisew Falls, Sasagiu Rapids, and Zed Lake provincial parks. Public engagement on the development of these plans were conducted in 2018, and the department is now making minor revisions to prepare the final versions for public release. Completing these plans will help fulfil a legislated requirement under The Provincial Parks Act that requires plans for all provincial parks.

12.2(b) Parks

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	18,916	127.05	19,004	(88)	
Other Expenditures	11,504		11,688	(184)	
Grant Assistance	442		393	49	
Total Sub-Appropriation	30,862	127.05	31,085	(223)	

Environmental Stewardship (12.3)

Main Appropriation Description

Develops and co-ordinates the implementation of environmental programs. Ensures that environmental impacts of developments are evaluated. Delivers emergency response programming related to environmental emergencies.

Develops legislation, policies, plans, and programs to sustainably manage and protect Manitoba's environment.

Sub-appropriations	2021/22 Actual	2021/22 Authority	
	\$(000s)	FTEs	\$(000s)
Divisional Administration	300	4.00	341
Environmental Compliance and Enforcement	4,426	55.00	4,999
Environmental Approvals	3,633	32.00	3,488
Environmental Programs and Remediation	36,013	15.00	11,699
Contingency for Lead Mitigation	1,079	-	1,308
TOTAL	45,451	106.00	21,835

Divisional Administration

Sub-Appropriation Description

Provides leadership for development, implementation and co-ordination of environmental policy, program and enforcement functions, and ensures that environmental impacts of developments are evaluated.

12.3(a) Divisional Administration

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	240	4.00	301	(61)	
Other Expenditures	60		40	20	
Total Sub-Appropriation	300	4.00	341	(41)	

Environmental Compliance and Enforcement

Sub-Appropriation Description

Undertakes inspection activities, enforces The Environment Act, The Dangerous Goods Handling and Transportation Act, The Contaminated Sites Remediation 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.

Key Results Achieved

- Ensured compliance with Manitoba’s environmental legislation through inspections, monitoring, and implementation of programs and activities that mitigate the impact of pollutants and contaminants to the environment. This includes:
 - 578 permits, registrations, licences, and approvals issued under The Dangerous Goods Handling and Transportation Act; and
 - 274 decisions issued and 182 monitoring reports reviewed under The Contaminated Sites Remediation Act.
- Enforced environmental legislation through education, negotiation, investigation, and issuance of 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. Issued 86 warnings, started prosecution proceedings for 17 sites.
- As part of a Provincial COVID-19 enforcement team, environment officers conducted inspections and assisted in enforcing Public Health Orders throughout the province.
- Responded to environmental incidents and complaints through the Emergency Response Team in accordance with existing Canada Manitoba mutual agreements and the provincial Environmental Emergencies Coordination Plan. This includes the delivery of the 24-hour provincial reporting line for environmental emergencies.
- Launched e-forms for the registration of holding tanks, septic tank replacements, and certificates of exemption to retain sewer ejector systems to improve client service.
- Enhanced responsiveness to environmental emergencies and air quality monitoring across the province with a new mobile air-monitoring unit.
- Developed an environmental compliance and enforcement risk assessment tool to evaluate risks and prioritize inspection work. To further this aim, the department partnered with the provincial data science team to develop and implement a geospatial mapping system of the existing database of regulated sites and inspections.

Table ECE.1

Environmental Compliance Summary 2021/22

Activities	2021/22
The Dangerous Goods Handling and Transportation Act	
Hazardous Waste Generator Registrations Issued	208
Hazardous Waste Receiver Registrations Issued	9
Licence to Transport Hazardous Waste Issued	7
Approval to Dispose of PCB Waste Issued	35
Approval to Establish a PCB Storage Site Issued	1
Permit to Operate a Petroleum Storage Tank System	143
Permit to Construct or Alter a Petroleum Storage Tank System	110
Petroleum Technician Licences Issued or Renewed	65
The Contaminated Sites Remediation Act	
Designations	64
Remediation Plans Approved	136
Management Plans Approved	42
Monitoring Reports Reviewed	182
Revocations	32

Table ECE.2

Environmental Legislation Enforcement Summary 2021/22

Legislation	Prosecutions	Warnings	Orders	Fines(\$)
The Contaminated Sites Remediation Act	-	-	-	-
The Dangerous Goods Handling and Transportation Act	-	-	-	-
Storage and Handling of Petroleum Products and Allied Products Regulation	2	11	-	\$2,542
Dangerous Goods Handling and Transportation Regulation	-	-	-	-
Hazardous Waste Regulation	-	-	-	-
Environmental Accident Reporting Regulation	-	1	-	-
The Environment Act	-	5	-	-
Pesticides Regulation	-	2	-	-
Litter Regulation	-	5	-	-

12.3(b) Environmental Compliance and Enforcement

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	3,856	55.00	4,278	(422)	1
Other Expenditures	570		721	(151)	
Total Sub-Appropriation	4,426	55.00	4,999	(573)	

Explanation(s):

1. Under-expenditure due to vacancies and voluntary reduced workweek savings.

Environmental Approvals

Sub-Appropriation Description

The Environmental Approvals Branch works collaboratively with stakeholders to issue environmental approvals that protect human health and the environment and advance social and economic growth. It is also responsible for water power licensing and air quality management in Manitoba.

Key Results Achieved

- Managed regulatory processes for applications for existing and new developments to ensure they meet requirements per The Environment Act, The Dangerous Goods Handling and Transportation Act, and associated regulations.
- Developed licence and permit terms and conditions that regulate construction and operation activities in an environmentally sustainable manner.
- Issued 44 licences and 85 minor alteration requests under The Environment Act, and 10 licences and eight minor alteration requests under The Dangerous Goods Handling and Transportation Act.
- Added 1,106 documents to the department's public registry to ensure public transparency on environmental approvals and environmental licensing decisions for new developments.
- Ensured 19 hydroelectric developments, located on Crown lands, complied with The Water Power Act and regulations to continue to produce hydroelectricity sustainably.
- Under The Water Power Act, completed:
 - five water power licences
 - 73 responses to Real Estate Services Division and Lands Branch circulars
 - four water power withdrawals
 - six treaty land entitlements
- Administered solid waste, pesticide use, and livestock manure and mortalities programs by completing:
 - 19 waste management facility permits
 - 45 pesticide use permits
 - 41 manure storage permits
 - 512 manure management plan registrations, with 18 random audits
- Issued 427 operator certificates and 138 facility classifications to continue to ensure safe drinking water and wastewater treatment for Manitobans.
- Conducted 549 certification examinations for water or wastewater operators to certify qualifications for workers essential to Manitobans' drinking and wastewater treatment.
- Provided hourly inputs to Environment Canada's Air Quality Health Index for Winnipeg and Brandon to ensure Manitobans have accurate air quality information to make decisions about their daily activities for their health.
- Responded to 910 requests under the Environmental File Search Program for critical property information related to environmental activities.
- Continued to provide near real-time and historical air quality levels on the department's website (www.ManitobaAirQuality.ca) to give Manitobans up-to-date information on air quality pollutants, including: ground level ozone, fine particulate matter, nitrogen oxides, sulfur dioxide, and carbon monoxide.

Table EAB.1

Environmental Approvals Activities

Activities	2021/22	2020/21	2019/20	2018/19	2017/18	2016/17
The Environment Act						
Project proposals received	38	34	46	41	75	62
Licences issued	44	41	63	60	69	99
Project proposals refused	0	0	0	0	0	0
Minor alterations requests processed	85	113	92	74	67	63
Revision requests to licences approved	14	21	26	33	42	51
Other reviews – licence not required	39	41	36	25	45	46
Site inspections, monitoring	46	24	135	147	151	165
Waste management facility permits issued	19	43				
Pesticide use permits issued	45	62	81	68	106	108
Post-seasonal pesticide use reports received/compiled	175	145	133	123	143	149
Public complaints investigated	0	4	12	8	10	13
Incinerator registrations processed	1	2	1	3	0	0
Manure storage permits issued	41	19	28	27	21	20
Manure storage repair authorizations	12	7	3	6	6	5
Manure storage facilities registered	5	12	7	12	11	15
Manure management plans registered	512	502	509	516	504	509
Manure management plans audited	18	23	17	27	12	9
Winter manure application requests	2	6	64	1	8	9
Multi-year manure phosphorus authorizations	0	2	1	0	5	3
Monitoring well submissions	176	243*	228	195	178	185
The Dangerous Goods Handling and Transportation Act						
Project proposals received	4	16	29	42	20	10
Licences issued	10	21	15	25	18	16
Minor alterations requests processed	8	13	24	2	6	6
Pre-licensing activities	6	10	11	14	12	8
Site inspections, monitoring	2	2	9	10	15	9

Activities	2021/22	2020/21	2019/20	2018/19	2017/18	2016/17
The Public Health Act						
Applications for certificates of approval processed	35	35	30	18	35	26
Water and Wastewater Operator Certification Regulation						
Certification examination	549	409	561	489	633	522
Facility classifications issued	138	91	104	108	50	342
Operators certificates issued	427	373	408	344	395	414
The Water Power Act						
Licences and Short Term Extension Licences issued	5	5	3			
Responses provided to circulars (Real Estate Services Division and Lands Branch)	73	60	88			
Water Power Withdrawals	4	3				
Treaty Land Entitlements	6	7				
Environmental File Searches Processed	910	695				

Table EAB.2
Water Power Rentals for the year ended March 31, 2022 - \$(000)

Authority 2021/22	Actual 2021/22	Increase/ (Decreases)	Actual 2020/21	Variance 2021/22 verses 2020/21
131,000	88,825	(42,175)	118,961	(30,136)

12.3(c) Environmental Approvals

Expenditures by Sub-Appropriation	Actual 2021/22 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Salaries and Employee Benefits	3,120	32.00	3,041	79	
Other Expenditures	513		447	66	
Total Sub-Appropriation	3,633	32.00	3,488	145	

Environmental Programs and Remediation

Sub-Appropriation Description

The Branch oversees waste diversion and recycling programming and funding under the Waste Reduction and Prevention Act and Waste Reduction and Recycling support program to divert waste from landfills and support the creation of a circular economy in Manitoba. The branch also delivers the Orphaned and Abandoned Mines (OAM) Rehabilitation Program and Contaminated Sites Program to address the environmental and public safety concerns at these sites in Manitoba.

Key Results Achieved

- The Orphaned and Abandoned Mines Rehabilitation program continued to accelerate remediation efforts to ensure economic growth, environmental protection, and human safety from high-risk legacy mining sites in the province. In 2021/22, 15 years of remediation and construction works at the Sherridon site were completed. A new multi-year sub program to advance the long-term care and maintenance of six sites was launched, and the reassessment of 108 orphaned and abandoned mine sites and 118 contaminated sites across Manitoba was completed to inform future remediation efforts.
- Following a review of Manitoba's waste diversion and recycling programs in 2021, the department is moving forward and preparing a multi-year plan to modernize these systems with the goal to increase waste diversion, recycling, and support the creation of a circular economy in Manitoba. The department is committed to working with stakeholders, municipalities and industry to further advance this work moving forward.
- Approved a new industry-funded stewardship program for recycling plastics used in the agriculture industry, making Manitoba the second province to implement a regulated stewardship program for these products. This program provided recycling options for agricultural grain bags and baler twine, keeping these materials out of landfills and the environment.
- Initiated multi-year remediation plans at a value of \$1.3 million for three contaminated sites in Manitoba (Sprague, Shilo, and Carberry).
- Provided regulatory oversight and actively engaged with the stewardship organizations. The industry-funded stewardship programs that operate under The Waste Reduction and Prevention Act regulations collectively diverted over 124,000 tonnes of end-of-life materials from Manitoba landfills in 2020.
- Provided \$8.7 million to municipalities and organizations through the Waste Reduction and Recycling Support Program to support strategic waste diversion and recycling efforts in Manitoba, including \$6,977,600 in rebates to municipalities and Northern communities. Together they diverted 56,060 tonnes of recycling in 2021.
- Administered the Manitoba Composts Support Payment program, which provides incentive payments to municipal and commercial compost facilities participating in the program. A total of 76,424 tonnes of organic waste diverted from landfills were reported by compost facilities participating in the Manitoba Composts Support Payment program in 2021.
- Funded initiatives for the collection and safe disposal of approximately 130 tonnes of residential hazardous waste, including flammable, reactive, corrosive and toxic materials in 2021/22.

12.3(d) Environmental Programs and Remediation

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	1,294	15.00	1,328	(34)	
Other Expenditures	34,682		10,334	24,348	1
Grant Assistance	37		37	-	
Total Sub-Appropriation	36,013	15.00	11,699	24,314	

Explanation(s):

- Over-expenditure due to year-end journal entry to recognize increased valuation to liability accounts for Orphan and Abandoned Mine Sites.

Contingency for Lead Mitigation

Delivers programs and initiatives to reduce the risk associated with lead in soil and drinking water.

Key Results Achieved

- Completed over 2000 soil samples across 40 Winnipeg neighborhoods to identify areas with lead contamination that may pose a risk for children and released this information to the public. This included 43 schools and 147 parks.
- Partnered with the department of Health on the implementation of a public health awareness campaign on sources of lead and how to mitigate exposure to lead.
- Partnered with the department of Education to complete remediation work at Weston School to reduce the potential exposure of lead in soil for users of the space.
- Completed lead in drinking water testing in 597 of 816 schools and 214 of 719 eligible child care centres. Over 93 percent of the 271 schools and 31 child care centres that had elevated lead levels completed corrective actions.
- Partnered with the Manitoba Environment Industries Association to encourage uptake in lead in drinking water testing and mitigation among child care centres and schools in 2022/23.

12.3(e) Contingency for Lead Mitigation

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Other Expenditures	1,079		1,308	(229)	1
Total Sub-Appropriation	1,079	-	1,308	(229)	

Explanation(s):

- Under-expenditure mainly due to lower than anticipated uptake in programming.

Climate and Green Plan Implementation Office (12.4)

Main Appropriation Description

Develops and co-ordinates the implementation of the Made-in-Manitoba Climate and Green Plan, including policy development and program implementation.

Sub-appropriations	2021/22 Actual	2021/22 Authority	
	\$(000s)	FTEs	\$(000s)
Climate and Green Plan Implementation Office	10,988	23.00	2,411
Energy Policy	334	4.00	717
TOTAL	11,322	27.00	3,128

Climate and Green Plan Implementation Office

Sub-Appropriation Description

Supports leading practices and applies analysis to achieve the goals outlined in the Made-in-Manitoba Climate and Green Plan.

Key Results Achieved

- The Climate and Green Plan Implementation Office (CGPIO) coordinated efforts across government to implement measures contributing to 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.
- The CGPIO continued to offer 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. As of March 31, 2022, there were 365 successful applications submitted to the Efficient Trucking Program, consisting of 2,054 trucks and 1,771 trailers receiving fuel saving device installations. This has already amounted to nearly 12,000 tonnes of reduced emissions, with over 82 ktCO₂e expected by 2030. This program is funded in partnership with Environment and Climate Change Canada through the Low Carbon Economy Fund.
- The Conservation and Climate fund was launched in 2020 as a new fund with a competitive annual intake and provides support to projects that address climate change and protect the environment in alignment with the priorities of the Manitoba Climate and Green Plan. In 2021/22 \$1.0 million was allocated to 9 project areas covering: Innovation and Cleantech; Conservation; Water Quality; Circular Economy Development; and Sector Emissions Reductions.
- The Low Carbon Government Office is pursuing a new method to collect building, vehicle and equipment information from the Government Reporting Entity. RETScreen is a new tool that will track greenhouse gas emissions more effectively. This information will allow the office to formulate policy, programs and initiatives to support the reduction of the whole-of-government operational emissions.
- 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.).
- The Manitoba Climate Resilience Training Project ran from October 1, 2020 to March 31, 2022 and has helped to train and build the capacity and expertise of over 1000 engineers, architects, planners and other professions that support decision-makers, and support implementation of adaptation measures by Indigenous and northern communities.

- The CPGIO provided coordination and secretariat support for the Expert Advisory Council. The EAC is an independent group of experts with a mandate to provide advice and recommendations to the Minister on Manitoba’s Climate and Green Plan. During the April 2021-March 2022 period, the EAC has delivered on the following:
 - o Provided recommendations and advice for a future Green Transportation Strategy based on extensive research and stakeholder engagement. The advice centres on critical areas in the transportation sector and related infrastructure.
 - o Provided input to ensure that the overarching objectives outline in Manitoba’s Climate and Green Plan are fully considered in the development of an energy policy framework for the Province of Manitoba.
- The CGPIO continued building partnerships and fostering dialogue with provincial partners, businesses and the non-profit sector:
 - o Along with our Prairie Provinces and federal partners, Manitoba has invested in ClimateWest to provide climate data and adaptation services to help people, communities, businesses and governments identify and address the risks and vulnerabilities of a changing climate through enhanced planning and action.
 - o The CGPIO contributed 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, and drought.
 - o The CGPIO participated 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.
 - o Manitoba supported the International Institute for Sustainable Development (IISD) through its multi-year funding agreement which continued over 2021/22 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.

12.4(a) Climate and Green Plan Implementation Office

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	1,898	23.00	2,016	(118)	
Other Expenditures	9,090		395	8,695	1
Total Sub-Appropriation	10,988	23.00	2,411	8,577	

Explanation(s):

1. Over-expenditure mainly due to expenses that are budgeted in the core department for accounting purposes and that are fully offset from Government of Canada revenue.

Energy Policy

Sub-Appropriation Description

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, including the development of a new long-term energy policy framework for Manitoba and a Green Transportation Strategy and supporting Efficiency Manitoba.

Key Results Achieved

- On January 1, 2022, Manitoba increased blending requirements for renewable fuels in gasoline to 10% (ethanol) and in diesel fuel to 5% (biodiesel). Manitoba has the highest biofuels blending requirements in Canada. Manitoba has the highest biofuels blending requirements in Canada.
- The CGPIO has advanced the development of a new long-term energy policy framework for Manitoba.
- The CGPIO advanced energy efficiency with programs and provided support to Efficiency Manitoba and Manitoba Hydro:
 - Efficiency Manitoba rolled out nine new programs and offers in 2021/22, including their Heat Pump program, Innovation Fund, and Windows and Doors rebate. These launches supplemented the ongoing availability of in-market programs and enhancements designed to respond to pandemic-related challenges and supported economic recovery. Efficiency Manitoba has over 35 programs and offers available for Manitobans across residential, income-based, Indigenous, commercial, industrial, and agricultural customer segments.
 - The CGPIO continued to provide technical support to Crown Services to ensure a reliable supply of energy to consumers.

12.4(b) Energy Policy

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	321	4.00	409	(88)	
Other Expenditures	13		308	(295)	1
Total Sub-Appropriation	334	4.00	717	(383)	

Explanation(s):

- 1 Under-expenditure mainly due to delayed approval for projects.

Water Stewardship (12.5)

Main Appropriation Description

Provides scientific research, monitoring services and management programs to ensure the health and sustainability of Manitoba's watersheds. Provides monitoring and regulatory services to ensure the safety of Manitoba's drinking water, sustainable drainage and water rights licensing.

Sub-appropriations	2021/22 Actual	2021/22 Authority	
	\$(000s)	FTEs	\$(000s)
Divisional Administration	205	2.00	209
Water Science and Watershed Management	4,132	38.00	4,196
Drainage and Water Rights Licensing	2,426	30.00	2,501
Office of Drinking Water	2,942	27.00	2,923
Watershed Districts and Planning Assistance	5,851	-	5,873
Water Stewardship Initiatives	429	-	476
TOTAL	15,985	97.00	16,178

Divisional Administration

Sub-Appropriation Description

To provide for the executive management function of the Water Stewardship Division including administration and oversight of the financial management of the various water branches.

12.5(a) Divisional Administration

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	194	2.00	209	(15)	
Other Expenditures	11		-	11	
Total Sub-Appropriation	205	2.00	209	(4)	

Water Science and Watershed Management

Sub-Appropriation Description

Develops and implements science-based programs, policies and legislation to support sustainable watershed and aquifer management and planning. Provides leadership and coordinates input into transboundary water quality and quantity management issues.

Key Results Achieved

- Led the development of a provincial water management strategy for Manitoba including leading an inter-departmental working group, drafting a framework for the strategy, and supporting engagement through EngageMB and with stakeholders.
- Represented Manitoba on various transboundary water management organisations' boards and technical sub-committees, including four International Joint Commission boards, the Prairie Provinces Water Board, Red River Basin Commission, Assiniboine River Basin Initiative, and others.
- Renewed the "Canada-Manitoba Memorandum of Understanding Respecting Lake Winnipeg and the Lake Winnipeg Basin". This agreement details how the provincial and federal governments will continue their work to understand and protect water quality and ecological health of Lake Winnipeg and its basin, including reducing nutrient loading. Staff participated in the Memorandum of Understanding Steering Committee biannual meetings.
- Renewed the Saskatchewan-Manitoba Memorandum of Understanding (MOU) Respecting Water Management with updates to reflect the success of the previous five-year agreement and current challenges. Continued implementing the MOU, through regular meetings, sharing information, and coordinating presentations to communities and stakeholders.
- Updated the annual 'Lake Winnipeg: Nutrient and Loads Status Report' summarizing nutrient conditions in Lake Winnipeg and nutrient loads for major tributary rivers to 2019.
- Completed a report entitled "Nutrient Targets Regulation: Report on Nutrient Levels Through 2019 and Actions Underway" and distributed on the department's web site. This report satisfies the reporting requirements under The Water Protection Act by providing a summary of nutrient levels (nitrogen and phosphorus) at locations specified in the draft regulation on nutrient targets.
- Collected water level information from more than 850 groundwater monitoring wells, of which 590 are equipped with daily water level recorders, providing input to drought monitoring and aquifer management planning.
- Conducted water quality, sediment quality, and benthic invertebrate monitoring on Lake Winnipeg. Spring and summer monitoring was completed in collaboration with the Manitoba Wildlife, Fisheries and Resource Enforcement Branch, Environment and Climate Change Canada, and Fisheries and Oceans Canada. One scientific cruise on the MV Namao was completed in the fall of 2021 in collaboration with the Lake Winnipeg Research Consortium and winter water quality monitoring was conducted in February 2022 in collaboration with Environment and Climate Change Canada.
- Assessed water quality from streams, rivers, and lakes including 65 long-term water quality stations on 51 waterbodies.
- Monitored recreational water quality at 57 beaches and provided timely results to the public using the department website, advisory signs, and weekly tweets. Beaches were monitored for densities of the fecal indicator bacteria, *Escherichia coli* and the presence of algal blooms, for the number of blue green algae cells and the concentration of algal toxins. Incidents of swimmer's itch were actioned with coordination of beach postings.
- Used Manitoba's water quality standards, objectives, and guidelines as input to Environment Act Licence conditions and to assess water quality with tools such as the Water Quality Index.
- Continued implementing water quality standards with wastewater treatment facility owners for nutrients in wastewater under the Manitoba Water Quality Standards, Objectives and Guidelines Regulation. Completed an annual review of total phosphorus concentrations in wastewater discharge from 104 facilities across Manitoba.
- Worked with golf course facility owners, municipalities and the agricultural sector to implement the Nutrient Management Regulation under The Water Protection Act and reviewed 75 nutrient management plans. Provided nutrient management zone information for 37 onsite wastewater management systems and reviewed 17 additional site-specific soil survey reports requesting re-zoning of locations mapped as nutrient management zone N4.
- Licensed 27 companies under The Ground Water and Water Well Act to drill water wells, closed loop systems, environmental and geotechnical wells in Manitoba in 2021. Approximately 1,215 newly drilled wells and 315 well sealing reports were added to the GWDrill database. Nearly 1,000 additional well reports were reviewed, updated, or revised.

- Distributed “Manitoba Well Aware” education material to well owners, water well drillers and the public, and provided information on expected groundwater conditions and well construction.
- Led implementation of the Manitoba Drought Management Strategy including leading and coordinating the activities of the Manitoba Drought Assessment Committee and the Interdepartmental Working Group for Water Supply Management. Maintained and enhanced the Manitoba Drought Monitor website (www.manitoba.ca/drought) to provide up-to-date drought information to residents, stakeholders and governments on current drought conditions and available drought-related programming.
- Produced monthly (March – October) Water Availability and Drought Conditions reports for Manitoba through analysis of drought indicators. Reports included a summary of agricultural, wildland fire and community water supply impacts due to drought conditions.
- Worked with other departments and stakeholders during the 2021 extreme drought to help alleviate downstream impacts to water users, residents and the environment. Supported municipalities, water providers, irrigators and other government departments through increased monitoring and technical advice to manage the widespread impacts to many sectors including agriculture, municipal water supplies, wildfires, fisheries, and water quality. Supported municipalities and water providers in becoming more drought resilient.
- Produced site-specific and main-stem assessments of surface water availability for water use licensing under The Water Rights Act.
- Provided watershed engineering design services for 29 watershed district projects, engineering advice for 17 requests related to water control works licence applications or issues and water use licensing requests, and six site assessments for the technical review committee under The Planning Act.
- Supported Watershed Districts in the implementation of GROW, a made-in-Manitoba approach to ecological goods and services programming to improve watershed health, resiliency to climate change, and management of nutrients. Through collaboration with a cross department steering team, refined policy and program criteria and provided direction and oversight to 14 watershed districts as the delivery agents for local GROW programs.
- Provided professional planning and program support and leadership to 14 watershed districts including assistance with program delivery, watershed and aquifer management planning, provincial grant administration, policy development, and board governance.
- Under The Water Protection Act, completed and approved the Roseau River Integrated Watershed Management Plan.
- Prepared the 2020/21 annual report for the Watershed Districts Program.

12.5(b) Water Science and Watershed Management

Expenditures by Sub-Appropriation	Actual 2021/22 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Salaries and Employee Benefits	3,178	38.00	3,238	(60)	
Other Expenditures	954		958	(4)	
Total Sub-Appropriation	4,132	38.00	4,196	(64)	

Drainage and Water Rights Licensing

Sub-Appropriation Description

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.

Key Results Achieved

- Received 740 new applications and issued 379 water control works licences and 361 registration certificates. Staff received and acted on 64 formal drainage complaints.
- Three drainage projects required financial compensation for the alteration of a seasonal wetland. In combination, 17.82 acres of wetlands were impacted with \$213, 840 provided as compensation.
- A total of five offence notices and charges, six warnings and 11 orders were issued under The Water Rights Act.
- Number of active water use licences was 1,265.
- A total of 106 new and 20 renewed water use licences were issued.
- A digitalization initiative was completed, and all the active Water Use Licensing files were digitized/scanned into searchable files, allowing efficient access to information previously not easily available and to improve licensing decisions and better meet client needs.

12.5(c) Drainage and Water Rights Licensing

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	1,968	30.00	1,998	(30)	
Other Expenditures	458		503	(45)	
Total Sub-Appropriation	2,426	30.00	2,501	(75)	

Office of Drinking Water

Sub-Appropriation Description

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 provides guidance, technical support and educational materials to water suppliers and private water system owners.

Key Results Achieved

- Issued 16 new public water system operating licences, 97 renewals, 20 amendments, five interim operating licenses and four revocations, bringing the total number of licensed public water systems to 414.
- Issued 16 new semi-public water system operating licences. This was a substantial reduction from 2020/21 as the majority of the known semi-public systems have been licensed (restaurants, schools, daycares); and COVID restrictions limited drinking water officers' ability to inspect new systems. Six interim licences, 189 renewals, two amendments and 39 revocations were also issued, bringing the total number of licensed semi-public water systems to 746.
- Tracked the closure of two water systems designated as non-potable, in accordance with policies developed in collaboration with Manitoba Health, bringing the total number of non-potable water systems to 17.

- Worked with 17 public and semi-public water systems to develop compliance plans, which included reviewing the steps system owners intended to take to bring their water system into compliance with microbiological, chemical, and physical standards.
- Took enforcement action to address the most critical non-compliance issues, which involved issuing 100 letters of direction and 82 warnings to non-compliant public and semi-public water systems. No charges were laid or tickets issued.
- Reviewed engineering assessment reports for 12 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.
- Reviewed commissioning reports for ten new major drinking water related infrastructure projects in areas including Whitehead Elton Regional, Cartier Regional, Stephenfield, and Dugald.
- Issued approvals for major upgrades to several larger community or regional water systems, including new water treatment plants or upgrades in East Selkirk, Niverville, Lynn Lake, Whitehead Elton Regional, Neepawa, and Rosenort.
- Issued construction permits for 52 public water system projects and 30 semi-public water system projects, and approvals for 57 other minor alterations, upgrades or extensions.
- Advanced work with Manitoba Health to implement new provincial standards for lead and manganese in drinking water.
- Reviewed and commented on 88 Environment Act development proposals or licences.
- Implemented policy and program changes in collaboration with multiple other departments to address recommendations in the Office of the Auditor General’s report, Provincial Oversight of Drinking Water Safety, including:
 - Strengthening the licensing process and addressing licensing back-log
 - Implementing a risk-based inspection process
 - Introducing new fines for drinking water offences
 - Enhancing enforcement and compliance processes
 - Extending the lead grant program for schools and childcare centres for an additional year, to March 31, 2023, to further lead testing and mitigation
 - Scoping a new enterprise IT solution for enhanced case management, tracking and reporting.

12.5(d) Office of Drinking Water

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	2,318	27.00	2,301	17	
Other Expenditures	624		622	2	
Total Sub-Appropriation	2,942	27.00	2,923	19	

Watershed Districts and Planning Assistance

Sub-Appropriation Description

To support Watershed Districts as established under The Watershed Districts Act and to fund watershed planning as described under The Water Protection Act.

Key Results Achieved

- Implemented the Watershed Districts Program as a voluntary, incentive-based municipal partnership program to protect, restore and manage land and water resources on a watershed basis. This partnership program addresses risks to watershed health and aquatic ecosystems to ensure integrity and protection of Manitoba watersheds.
- Provided annual grants to support operations and programming in water quality, surface water management, drinking water protection, water retention, soil conservation, wildlife habitat and public education programs promoting improvements to watershed health and resiliency. Watershed Districts established 1,589 cubic decametres of water storage capacity, installed 97 kilometres of riparian area fencing limiting more than 7,400 head of cattle from waterways, sealed 160 abandoned wells, and hosted 40 demonstration and project tours with 401 participants.
- Provided \$5.9 million in grants to 14 Watershed Districts, including Assiniboine West \$703,000, Central Assiniboine \$408,000, East Interlake \$300,000, Inter-Mountain \$729,000, Kelsey \$122,000, Northeast Red \$332,000, Pembina Valley \$600,000, Redboine \$270,000, Seine Rat Roseau \$378,000, Souris River \$440,000, Swan Lake \$225,000, West Interlake \$201,500, Westlake \$329,000, and Whitemud \$722,000.
- Expanded two Watershed Districts into eight new municipal areas. In March 2022, the Watershed Districts Regulation was amended formalizing the expansion of the Pembina Valley Watershed District and the Redboine Watershed District to include the Municipalities of Emerson-Franklin and Rhineland, the Rural Municipalities of Montcalm, Rosser, St. Francois Xavier, and Woodlands, the Town of Altona, and the City of Winkler, increasing the total number of municipalities in the program to 113.
- Provided \$65,000 in watershed management planning grants: \$25,000 each to Assiniboine West and Redboine Watershed Districts for the Shell River and Lower Assiniboine integrated watershed management plans and \$15,000 to the East Interlake, Pembina Valley, and Souris River Watershed Districts designated for Indigenous engagement with watershed communities in the development of integrated watershed management plans underway.
- Provided direction and oversight for annual budgets and activities of each Watershed District based on provincial legislation, regulation, and policy.

12.5(e) Watershed Districts and Planning Assistance

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Grant Assistance	5,851		5,873	(22)	
Total Sub-Appropriation	5,851	-	5,873	(22)	

Water Stewardship Initiatives

Sub-Appropriation Description

To build capacity for managing Manitoba's water resources and implementing practices that will maintain, protect, or improve water including fisheries, water quality, aquatic habitat, drinking water, and climate change adaptation.

Key Results Achieved

- Supported the Lake Winnipeg Research Consortium's ship the MV Namao.
- Provided support to protect Manitoba's waters from activities in upstream jurisdictions and to provide input to transboundary water issues between the US and Canada through boards and initiatives including engaging stakeholders in water governance. Provided funds to the Prairie Provinces Water Board, the Red River Basin Commission, the Assiniboine River Basin Initiative, and Partners for the Saskatchewan River Basin.

12.5(f) Water Stewardship Initiatives

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/22 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Other Expenditures	429		476	(47)	
Total Sub-Appropriation	429	-	476	(47)	

Costs Related to Capital Assets (Non-Voted)

Description

The appropriation provides for the amortization and interest expense related to capital assets.

Description	2021/22 Actual	2021/22 Authority	Variance	Expl.
(a) General Assets				
(1) Amortization Expense	4,326	1,122	3,204	1
(b) Infrastructure Assets				
(1) Amortization Expense	5,924	6,025	(101)	
TOTAL	10,250	7,147	3,103	

Explanation(s)

- Over-expenditure is due to pending transfer of amortization related to Water Bomber planes to another department following the January 2022 reorganization.

Other Key Reporting

Departmental Risk

Environment, Climate and Parks provides leadership in risk analysis through its Comptrollership framework and by creating a risk management culture that facilitates assessment and management of risk. Risk is managed for policy, operations, human resources, financial, legal, health and safety, environment and reputation within a legislative environment, both in regards to the probability of occurrence and degree of damage and strategies for mitigating or minimizing potential situations.

A continuous, proactive, and systematic process is undertaken to ensure that decisions support the achievement of organizational corporate objectives. This enterprise approach ensures that accidents and unexpected losses are minimized.

The department manages its risks under the guidance of its comptrollership plan and all aspects of the central government Manitoba Risk Management Policy. The department must: a) emphasize loss prevention, loss reduction and risk transfer methods; b) identify risks thoroughly; c) identify strategies to mitigate or minimize risk; and d) receive appropriate approval. Specific activities are identified in the department comptrollership framework to meet risk management responsibilities, as follows:

- Conduct educational sessions with all staff on the importance of risk mitigation and management, including specific methods to reduce risk.
- Analyse department activities to ensure risk is managed and reduced, including financial and non-financial risk.
- Conduct audits and reviews of financial and non-financial activities to ensure risk management policies and procedures are being conducted.
- Look for opportunities to continuously improve risk mitigation and reduction frameworks and procedures, and implement change accordingly.

Through fiscal year 2021/22, the Department undertook the following specific activities toward managing its risks.

Risk	Activities taken to reduce / remove risk
Organizational culture including values and attitudes – risk of issues in this area include low employee engagement, unmotivated employees, higher rates of absenteeism, and high employee turnover	A comprehensive employee engagement strategy was launched in the fiscal year, including a kick off webinar hosted by the Deputy Minister. Webinars on employee engagement topics have been hosted by Executive Management Committee for all staff, and branch directors are responsible for other employee engagement activities within their branches, to build a positive culture and reinforce civil service and departmental values.
Adherence to operational, financial, and human resource policies – risk of issues in this area include employees not adhering to policies that could cause financial or reputational risk to government	Management reviews work of employees to ensure accuracy. Periodic audits of financial policies are conducted by independent staff in Finance and Shared Services Division. New staff are trained in policies through on the job coaching from other staff and through comptrollership and general orientation virtual training courses that are mandatory.
Clarity of roles, responsibilities, and mandates – risk of issues in this area include staff not understanding their roles and responsibilities, duplication of efforts, inefficiencies in work, and stress on staff	Organization charts are posted on the intranet site for staff to review so they understand the structure of the department. Written manuals are prepared and these manuals along with broader procedures, guidelines, and government-wide policies are published on department and central government intranet sites.
Appropriate segregation of duties – risk of issues in this area include lack of segregation of duties which results in asset misappropriation, risk of fraud and errors	Finance and Shared Services Division ensures SAP roles are provided to staff in a way that fosters segregation of duties. Meetings of financial staff across the department fosters understanding for all staff in finance roles on the importance of ensuring segregation of duties. Periodic audits by independent

staff in Finance and Shared Services Division looks for assurance of segregation of duties. Concerns that are identified help inform further education and remedial efforts.

Regulatory Accountability and Red Tape Reduction

Regulatory requirements

	April 1, 2021	March 31, 2022
Total number of regulatory requirements	71,761	73,455
Net change	-	0
Percentage change	-	0.00

- 'Total number of regulatory requirements' includes transfers of regulatory requirements in and out of the department in 2021/22.
- 'Net change' includes the changes (sum of decreases and increases) in regulatory requirements undertaken by the department in 2021/22 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 2021/22 and is net of transfers of regulatory requirements in and out of the department.

The Public Interest Disclosure (Whistleblower Protection) Act

The Public Interest Disclosure (Whistleblower Protection) Act that came into effect in April 2007 and was 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 a 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 Environment, Climate and Parks for fiscal year 2021/2022.

Information Required Annually (per section 29.1 of PIDA)	Fiscal Year 2021/ 2022
The number of disclosures received, and the number acted on and not acted on. Subsection 29.1(2)(a)	0
The number of investigations commenced as a result of a disclosure. Subsection 29.1 (2)(b)	0
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)	0

Equity and Diversity Benchmarks

Manitobans are best served by a public service that is inclusive and representative of the diverse population of Manitoba at all levels of the organization, including senior management. Employment equity status is self-identified on a voluntary basis when individuals are hired into a position or at any time during their employment with Manitoba's public service. Employment equity groups include women, Indigenous peoples, visible minorities, and persons with disabilities. This measure will capture diversity in Manitoba's public service and in senior management.

Equity Group	Benchmarks	% Total Employees as at March 31, 2022
Women	50%	48.4%
Indigenous Peoples	16%	16.6%
Visible Minorities	13%	5.7%
Persons with Disabilities	9%	6.8%

Appendices

Appendix A - Performance Reporting

The Performance Reporting – Indicators of Progress against Priorities is being phased out with the adoption of Balanced Scorecards. 2021/22 will be the final year for this report as Balanced Scorecards will be fully implemented and performance results fully reported.

This section is no longer being reported as the balanced scorecard performance measures referenced in the 2021/22 main estimates supplement, other than those which have been retired, have been incorporated into the balanced scorecard section of the report.

Appendix B – Other Reporting Entities

Other Reporting Entities (OREs) are accountable to the Minister. OREs are directly or indirectly controlled by government as prescribed by the Public Sector Accounting Board.

The following Other Reporting Entities (OREs) form part of the department's consolidated results:

Efficiency Manitoba

Efficiency Manitoba is a Crown corporation established to achieve annual energy savings targets by offering cost-effective programs and services to Manitobans.

The mandate as set out in The Efficiency Manitoba Act (in force as of January 25, 2018) is to:

- Implement and support demand-side management initiatives to meet the savings targets and achieve any resulting reductions in greenhouse gas emissions in Manitoba;
- Achieve additional reduction in the consumption of electrical energy or natural gas – including resulting reductions in the demand for electrical power – if the reductions can be achieved in a cost-effective manner;
- Mitigate the impact of rate increases and delay the point at which capital investments in major new generation and transmission projects will be required by Manitoba Hydro to serve the needs of Manitobans; and
- Promote and encourage the involvement of the private sector and other non-government entities in the delivery of its demand-side management initiatives.

For more information, please visit <https://efficiencymb.ca>

Manitoba Hazardous Waste Management Corporation

The Manitoba Hazardous Waste Management Corporation principal objective is to develop and maintain a Manitoba hazardous waste management system that both preserves and enhances quality of the environment in the province. This is a fundamental element of the provincial government policy of fostering universal environmental stewardship and sustainable economic development in Manitoba.

Appendix C - Statutory Responsibilities

Manitoba Environment, Climate and Parks 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. Any statutes that are not assigned to a particular Minister are the responsibility of the Minister of Justice, as are any amendments to those statutes.

The department operates under the authority of the following acts of the Consolidated Statutes of Manitoba:

- The Biofuels Act (B40)
- The Climate and Green Plan Act (C134)
- The Contaminated Sites Remediation Act (C205)
- The Dangerous Goods Handling and Transportation Act (D12)
- The Drinking Water Safety Act (D 101)
- The Ecological Reserves Act (E 5)
- The Energy Act (E112)
- The Environment Act (E125)
- The Gas Allocation Act (C.C.S.M. c. G52) (formerly The Gas Storage and Allocation Act)
- The Gas Pipeline Act (G50)
- The Greater Winnipeg Gas Distribution Act (S.M. 1988-89, c. 40)
- The Groundwater and Water Well Act (G110) [except as it relates to the planning, construction or operation of provincial water control works]
- The Manitoba Hazardous Waste Management Corporation Act (H15)
- The International Peace Garden Act (I70)
- The Ozone Depleting Substances Act (O80)
- The Provincial Parks Act (P20)
- The Pimachiowin Aki World Heritage Fund Act (P70)
- The High-Level Radioactive Waste Act (R10)
- The Renewable Energy Jobs Act (R85)
- The Upper Fort Garry Heritage Provincial Park Act (U80)
- The Waste Reduction and Prevention Act (W40)
- The Water Power Act (W60) [except as it relates to the planning, construction or operation of provincial water control works]
- The Water Protection Act (W65)
- The Water Resources Conservation Act (W72)
- The Water Rights Act (W80) [except as it relates to the planning, construction or operation of provincial water control works]
- The Watershed Districts Act (W95)

Other Minister assignments: The Efficiency Manitoba Act (E 15)

Any statute that is not assigned to a particular Minister are the responsibility of the Minister of Justice.

Glossary

Alignment – The process of enabling all employees to see how their day-to-day actions are consistent with the values of the organization and how living those values is contributing to overall success. Creating alignment ensures employees are working toward the common goal, or vision.

Appropriation – amount voted by the Legislative Assembly approving the maximum amount that may be expended on a specific program or major activity during a fiscal year.

Main Appropriation – the total amount of each resolution passed by the Legislative Assembly as reported in the printed estimates of expenditure.

Sub Appropriation – the total amounts applicable to the various breakdowns of the main appropriations in the printed estimates of expenditure.

Authority – In the financial tables throughout this report, represents the authorized votes approved by the Legislative Assembly in the Estimates of Expenditure as well as any changes as a result of the January 18, 2022 government reorganization, allocations from Enabling Appropriations, or virement transfers between main 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 (REESI).

Balanced Scorecard – is an integrated strategic planning and performance measurement tool.

Baseline - The current level of performance for all measures.

Cascading – This is the process of developing aligned balanced scorecards throughout an organization. Each level of the organization will develop scorecards, based on the objectives and measures they can influence from the group to whom they report. Cascading allows every employee to demonstrate a contribution to overall organizational objectives.

Consolidation Impacts – The adjustments needed to bring the revenue and expenditure of the Other Reporting Entity (ORE) into the summary budget, and to eliminate transactions between entities to avoid duplication of revenues and expenses (ex: a government grant is counted as an expenditure of core government and is eliminated from the revenue of the ORE).

Full-Time Equivalent (FTE) – A measurement for number of positions. Every full-time regular position represents one full-time equivalent position. Other categories (ex: term, designated departmental) are measured in proportional equivalents, ex: a program with a vote of 1.50 term FTE could hire staff in any combination that results in a total of one-and-one-half years (or 78 weeks) of employment (ex: 6 staff for 3 months (13 weeks) each; 2 staff for 9 months (39 weeks) each; 1 full-time and 1 half-time staff for 1 year; 3 half-time staff for 1 year; etc.).

Government Reporting Entity (GRE) – Core government and the prescribed reporting organizations, such as Crown corporations, government agencies, government business entities and public sector organizations such as regional health authorities, school divisions, universities and colleges.

Grants – Public money provided to an individual, organization or another government to assist in attaining their objectives and for which the government does not receive a good or service.

Gross Domestic Product (GDP) – Represents the total market value of all final goods and services produced in the Manitoba economy.

Guarantees – The province, in the normal course of business, may provide a guarantee to honour the repayment of debt or loans of an organization, primarily GBEs. Such a guarantee is provided on the Manitoba Hydro Savings Bonds.

Initiatives – These are the specific programs, activities, projects, or actions an organization will undertake to meet performance targets. Initiatives are often projects or events that aim to improve a process or an outcome in one of the four perspectives.

Interfund Activity – Public Sector Accounting Standards adjustments including Health and Education Levy and Employee Pension and Other Contributions, attributed to the entire department.

Measure – A measure is a standard used to evaluate and communicate performance against expected results. Measures are normally quantitative in nature, capturing numbers, dollars, percentages, and so on. Reporting and monitoring measures helps an organization gauge progress toward effective implementation of strategy.

Mission Statement – A mission statement defines the core purpose of the organization — why it exists, and reflects employees' motivations for engaging in the organization's work. Effective missions are inspiring, long-term in nature, and easily understood and communicated.

Objective – The objective is a concise statement describing the specific things an organization must do well to execute its strategy. Objectives often begin with an action verb such as increase, reduce, improve, or achieve. Strategy Maps are comprised entirely of objectives. "Strengthen respect in our workplace" is an example of an objective on the government Strategy Map.

Other Reporting Entity (ORE) – Reporting organizations in the GRE such as Crown corporations, government agencies, government business entities and public sector organizations such as regional health authorities, school divisions, universities and colleges that are directly or indirectly controlled by the government, as prescribed by Public Sector Accounting Board – excludes core government.

Perspective – In balanced scorecard language, perspective refers to a category of performance objectives (the highest category of measures that sub-measures or key performance indicators tie into). The standard four perspectives are (Financial, Client, Internal Process, and Employee Learning and Growth).

Special Operating Agencies (SOA) – Service operations within departments granted more direct responsibility for results and increased management flexibility needed to reach new levels of performance. SOAs embrace market disciplines of the private sector while adhering to the public policy imperatives of government. Annual business plans define financial goals and performance targets. SOAs have the ability to raise capital outside of the Consolidated Fund.

Strategy – This represents the broad priorities adopted by an organization in recognition of its operating environment and in pursuit of its mission. Situated at the centre of the balanced scorecard system, all performance objectives and measures should align with the organization's strategy.

Strategy Map – The strategy map is a visual representation of what must be done well to execute strategy. Strategy maps reflect performance objectives spanning the four perspectives, combining to tell the organization's strategic story.

Target – The target presents the desired result of a performance measure. A target provides the organizations with feedback about performance.

Values – Values represent the deeply-held beliefs of the organization, which are demonstrated through the day-to-day behaviours of all employees. An organization's values make an open proclamation about how it expects everyone to behave. Values should endure over the long-term and provide a constant source of strength for an organization.

Virement – Refers to a transfer of expenditure authority between operating appropriations within a department

Vision – A powerful vision provides everyone in the organization with a shared mental framework that helps give form to the often abstract future that lies ahead. Effective visions provide a word picture of what the organization intends to ultimately become — which may be 5, 10, or 15 years in the future. This statement should contain as concrete a picture of the desired state as possible, and also provide the basis for formulating strategies and objectives. The vision serves as the guiding statement for the work being done. It should answer why the work being done is important.