

From: LICA Reception <lica2@lica.ca>
Date: Tuesday, August 13, 2024 at 11:07 AM
To:
Subject: Alberta Water Council: 2023 Annual Report

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Hello LICA Members,

Below is information that we received from the Alberta Water Council regarding their 2023 Annual Report (attached).

The report is a concise document reflecting on their goals and successes over the past year.

Thank you,

Kayla Hellum
Environmental Coordinator



Office: (780) 812-2182

Email: watershed@lica.ca

www.lica.ca

LICA – Environmental Stewards recognize that we operate and benefit from the traditional lands of the Denesųłiné (Dene), Nehiyaw (Cree), and the Métis Homeland. We honour the privilege to share these lands and recognize our duty to participate in truth and reconciliation. As members of Treaty 6, 8, and 10, and the Otipemisiwak Métis Government Districts 12, 19, and 20, we are committed to fostering long-term relationships grounded in trust and mutual respect. We pledge to uphold the rights and honor the traditions of the Indigenous Peoples who have stewarded these lands for generations.



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ALBERTA WATER COUNCIL 2023 ANNUAL REPORT





ABOUT THE WATER COUNCIL

The Alberta Water Council (AWC) is a collaborative partnership that provides leadership, expertise, and sector knowledge and perspectives to help governments, Indigenous Peoples, industry, and non-government organizations to advance the outcomes of *Water for Life*. It advises the Government of Alberta (GoA) on matters pertaining to achieving the outcomes of the *Water for Life* strategy and on effective water resources management policies, practices, and tools.

Created in 2004 under Ministerial Order by Alberta's then-Minister of Environment, the AWC serves as a unique example of the concept of shared governance. It is one of three types of partnerships named under the *Water for Life* strategy; the others are Watershed Planning and Advisory Councils and Watershed Stewardship Groups. In November 2007, the AWC was incorporated as a not-for-profit society under Alberta's Societies Act, with its own bylaws and governance structure. It operates by consensus and is guided by an executive committee.

The AWC is a valued partner in the province's water management system. It regularly reviews implementation of the *Water for Life* strategy and champions the achievement of the strategy's goals. The structure of the renewed *Water for Life* strategy is based on a strong relationship between three goals:

- safe, secure drinking water
- healthy aquatic ecosystems
- reliable, quality water supplies for a sustainable economy

Additionally, the Council provides a forum to discuss provincial water management issues and advise the GoA, stakeholders, and the public on effective water management practices and solutions to water issues. It submits reports and recommendations directly to its members and the public. However, the GoA remains accountable for implementing the *Water for Life* strategy and continues to administer water and watershed management activities throughout the province.

Alberta Environment and Protected Areas (EPA) provides an annual grant to cover core operating costs, but the AWC is responsible for its own financial management. Office space and other operational support is also provided by the GoA. Audited financial statements for fiscal year 2023 is available on the AWC website.

About this Report

This is the AWC's 19th annual report. It summarizes activities for the calendar year 2023.

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EXECUTIVE SUMMARY

This annual report summarizes the activities of the Alberta Water Council (AWC) in 2023. The Council progressed work in the areas of the *Water for Life* strategy, source water protection planning, improving drought resilience and coordinating sector support on this priority issue. The AWC's Multi-year Communications Strategy was updated in this year.

The Council continued to employ virtual tools to support remote and hybrid meetings, webinars, and other forms of engagement among AWC's members. Project activity in 2023 centred on the following areas:

- *Water for Life* Action Plan
- drought resilience and leveraging AWC's resources to support drought management
- source water protection
- water conservation, efficiency, and productivity

Using the findings from its simulation exercise, the Improving Drought Resilience in Alberta Through a Simulation Project Team developed a final report and recommendations. They were presented to the board in 2023 and approved in October; the final deliverables were released at the end of February 2024.

With several areas in Alberta experiencing drought conditions, the Council launched a committee to support coordination of drought mitigation efforts and messaging among water users and decision makers.

The Source Water Protection (SWP) Phase I: Risk Assessment Tools and Data Project Team selected a proponent to develop an online, centralized inventory

of tools and data (web tool) and associated educational resources to support SWP planning efforts. The project made limited progress in 2023 while the team worked to secure funding required to complete the web tool development work. The project team secured a grant of approximately \$248,000 from Alberta Innovates, and AWC members and partners will contribute approximately \$191,000 in-kind to the project, which will begin making significant progress again in early 2024.

The *Water for Life* Action Plan Project Team was on pause for much of 2023 after having made progress through 2022 to draft potential actions that would have committed AWC members and partners to actions to advance the goals of the strategy over the next 10 years. Further discussions are required to determine how to proceed.

Lastly, the major water-using sectors that developed water conservation, efficiency, and productivity plans convened in fall 2023 to report on continued efforts made using the performance indicators and baseline data developed in 2017.

The AWC continues to operate within its core budget; audited financial statements are available on the website. Staff and board members remain active in their outreach within Alberta and elsewhere, and share information about the AWC, its projects, and the consensus-based process. For more information on the AWC, and its publications and activities, please visit our website at www.awchome.ca.

BOARD MEMBERS

We are grateful to the following individuals served as board members and volunteered their time and expertise to advance the AWC's work this year.

SECTOR	DIRECTOR	ALTERNATE
INDUSTRY		
Chemical and Petrochemical	Rob Hoffman	Kai Horsfield
Cropping	Nevin Rosaasen	Reg Warkentin
Forestry	Dan Moore	Jeff Shipton
Irrigation	Margo Jarvis Redelback	Richard Phillips
Livestock	Rob Van Diemen	Rawnald Axelson
Mining	Janice Linehan	Chris Fordham
Oil and Gas	Deanna Cottrell	Tara Payment
Power Generation	Ahmed Idriss*	Jim Hackett
NON-GOVERNMENT ORGANIZATIONS		
Environmental	Brian Deheer	Jaime Davies
Environmental	Jason Unger	Vacant
Environmental	Maureen Bell	Vacant
Fisheries Habitat Conservation	Lesley Peterson	Vacant
Lake Environment Conservation	Jay White*	Steph Neufeld
Watershed Planning and Advisory Councils	Steve Meadows	Alan Corbett
Wetlands Conservation	Tracy Scott	Alain Richard
GOVERNMENT OF ALBERTA AND PROVINCIAL AUTHORITIES		
Alberta Agriculture and Irrigation	John Conrad	Jamie Wuite
Alberta Environment and Protected Areas	Kasha Piquette*	Jamie Curran
Alberta Health	Kimberley Nelson	Vacant
Alberta Innovates	Brett Purdy	Vicki Lightbown
OTHER GOVERNMENT		
Large Urban	Nancy Mackay	Chandra Tomaras
Métis Settlements	Darren Calliou	Vacant
Rural	Amber Link	Paul McLauchlin
Small Urban	Bill Chapman	Vacant
Ex-officio	Andre Asselin*	Vacant

* Executive member as of December 31, 2023

The AWC gratefully acknowledges the contributions of the following individuals who stepped down in 2023:

Directors: Jason Hale, Ruth Mitchell, Angela Duncan

Alternates: Anna Kauffman, Kris Samraj, Chandra Tomaras



Andre Asselin

EXECUTIVE DIRECTOR'S MESSAGE

Ongoing drought concerns continue to be top of mind for water users in several areas of the province. Albertans are called upon to respond to the reality that water is a precious and limited resource, and requires careful management to meet societal, economical, and environmental needs now and in the future. This is where the principles of the *Water for Life* Strategy serve as a universal and timeless reminder to the Council as we celebrate the strategy's guidance 20 years later.

2023 marked another year of progress and accomplishment for the AWC. Not only did we see progress in areas of drought resilience and source water protection, but Alberta's seven major water users came together to share an update on efforts made over the past years toward water conservation, efficiency, and productivity. The leadership and commitment shown by sectors through this voluntary process has been a remarkable example of water conservation. Additionally, the Council signed off on the final deliverables of the Improving Drought Resilience in Alberta Through a Simulation Project Team. Given current drought conditions, public release of this resource could not be timelier.

The Council continues to influence how the province manages water resources and evolving needs by providing thoughtful and balanced recommendations developed by multiple sectors. The power of this advice comes from the experience and knowledge that individuals bring to the Council's discussions and from the strength of the consensus process. This year, the AWC established a committee to support current

drought management efforts among its sectors and other interested groups and Albertans. I look forward to finding ways the AWC can leverage its network to advance mutual interests on this front.

A few staff changes were tested this year. With Anuja Hoddinott being on leave, Katie Duffett took the role of acting senior project manager and oversaw AWC's project work, supervised project managers, and handled internal communications. Upon her return, Anuja's role shifted to support the executive director's work more closely with the board and executive committee, and focused on strategic relationships and external communications.

This year it has been my pleasure to work alongside so many committed individuals, including those who are new to the AWC's fold. I remain inspired by their dedication to the tasks the Council takes on. I thank all AWC members, including those who stepped down this past year, for offering their time and expertise. Finally, to all those who have served on our committees, project teams, working groups, and the board, the Council is very grateful.

Andre Asselin



OUR TEAM

Our Team as of December 31, 2023

Executive Director

Andre Asselin

Operations Manager

Anuja Hoddinott

Acting Senior Project Manager

Katie Duffett

Project Managers

Alec Carrigy

Mariam Oloroso

Accountant

Sunny Yeung

AWC ACTIVITIES AND PROGRESS IN 2023

Each of the three areas of core business in the AWC’s Business Plan has a specific goal and several strategies to achieve the goal. Activities in 2023 supported progress in the three core business areas, as reflected in the chart below. The areas of AWC activity for 2023 are described

in more detail later in this report. A report on performance measures appears in the next section. Activities in 2023 maintained the intent and direction of the 2022–2024 Business Plan, which was updated in 2022 and will be reported on in 2023.

	CORE BUSINESS	GOAL	PERFORMANCE MEASURE	AREAS OF ACTIVITY IN 2023
1	Advance the outcomes of <i>Water for Life</i>	Review and provide integrated advice on the implementation of the <i>Water for Life</i> strategy and action plan.	Percentage of AWC members contributing to the <i>Water for Life</i> implementation review and action plan renewal process.	<i>Water for Life</i> Action Plan
2	Provide advice that informs policy or actions	AWC’s policy recommendations, advice, actions, and tools are integrated, based on a multi-stakeholder perspective, and are responsive to water resources challenges and opportunities.	<ul style="list-style-type: none"> a. Percentage of projects completed in the timeline prescribed in the approved project terms of reference. b. Percentage of issues identified by AWC project teams addressed with consensus recommendations. 	<ul style="list-style-type: none"> ■ Improving Drought Resilience in Alberta Through a Simulation ■ Source Water Protection Phase I: Risk Assessment Tools and Data
3	Provide a forum to discuss water perspectives	The AWC has an effective process for participants to discuss water resources management challenges and opportunities.	<ul style="list-style-type: none"> a. Percentage of directors satisfied that the AWC’s processes give them an opportunity to discuss water resources management challenges and opportunities. b. Percentage of identified process gaps being appropriately addressed within six months of coming to the AWC’s attention. 	<ul style="list-style-type: none"> ■ Communications ■ Drought Mutual Support Committee

The board continued to track annual progress in implementing its recommendations and reporting this to its members and partners. The next progress update will be prepared for the board in 2024.



EVALUATING AND MEASURING PERFORMANCE

The AWC supports the tenet “what gets measured gets done.” It is important for the AWC to demonstrate to itself, collaborators, and the public that its three goals are being achieved, which makes performance measures an essential part of the AWC’s three-year business plan. The executive committee is responsible for evaluating and reporting on the AWC’s performance each year on behalf of the board. This is the ninth year the AWC is reporting on its performance in its annual report.

SETTING PRIORITIES

The 2022–2024 Business Plan identifies goals, strategies, and performance measures to guide the AWC as it strives to achieve its mandate.

PERFORMANCE MEASURES

The AWC has five performance measures, one for the first goal and two each for goals two and three.

1

GOAL 1

Review and provide advice on the implementation of the *Water for Life* strategy and action plan.

PERFORMANCE MEASURE 1

Percentage of AWC members contributing to the *Water for Life* implementation review and action plan renewal process.

TARGET

n/a

RESULTS

The last review of the strategy wrapped up in 2021 and since then there has not been an opportunity to provide advice. The AWC will determine when the next review should occur.



2

GOAL 2

The AWC’s policy recommendations, advice, actions, and tools are integrated, based on a multi-stakeholder perspective, and are responsive to water resources challenges and opportunities.

PERFORMANCE MEASURE 2A

Percentage of projects completed in the timeline prescribed in the approved project terms of reference.

TARGET

100%

RESULTS

The target of 100% was met, though some projects needed to amend their terms of reference to extend the projects to ensure funding could be secured, or external factors that influenced our teams’ ability to make progress.

PERFORMANCE MEASURE 2B

Percentage of issues identified by the AWC project teams addressed with consensus recommendations.

TARGET

85%

RESULTS

The target of 85% was exceeded with the Improving Drought Resilience in Alberta Project Team making nine consensus recommendations in 2023.



3

GOAL 3

The AWC has an effective process for participants to discuss water resources management challenges and opportunities.

PERFORMANCE MEASURE 3A

Percentage of directors satisfied that the AWC's processes give them an opportunity to discuss water resources management challenges and opportunities.

TARGET

100%

RESULTS

The target for this performance measure was met with 100% of directors who responded to the poll expressing their satisfaction with the communications strategy and its implementation.

PERFORMANCE MEASURE 3B

Percentage of identified process gaps being appropriately addressed within six months of coming to the AWC's attention.

TARGET

100%

RESULTS

The AWC reviews its process guidelines on a three-year cycle. The previous review occurred in 2021 no significant process gaps have been identified since. The next review is anticipated for 2024.



COMMITTEES, AD HOC GROUPS, WORKING GROUPS, AND PROJECT TEAMS

Committees, ad hoc groups, working groups, and project teams are where much of the AWC's substantive work is done. Like the AWC, these collaborative, multi-sector bodies make decisions by consensus.

COMMITTEES

Committees are typically formed to deal with administrative matters and often carry on their work from year to year. Occasionally, a committee is formed for a specific activity or topic.

WORKING GROUPS

Working groups are formed when the AWC decides that more detailed work is needed in an area. The main purpose of a working group is to scope the issue and recommend how it could be addressed. This usually involves preparing terms of reference (ToR) for a project team.

PROJECT TEAMS

Project teams are established to implement a ToR and come back to the board with a report and recommendations. The ToR for each team is available on the AWC's website.

AD HOC GROUPS

Ad hoc groups are formed when the AWC decides that further discussion is needed by multiple sectors to determine if a project idea exists. This usually involves preparing a statement of opportunity for the board to consider.

This section briefly describes the accomplishments of each committee, ad hoc group, working group, and project team.

Reports from AWC teams are available online at www.awchome.ca.

EXECUTIVE COMMITTEE

The AWC is guided by a five-person executive committee (EC), which includes a member from each of the four sector groups plus the executive director who also serves as the secretary-treasurer. The EC provides financial and statutory oversight on behalf of the board, sets the agenda for each board meeting, and responds to issues that arise between meetings, giving guidance to staff or handling the matter directly, as appropriate. Executive members liaise with GoA ministers and monitor the board's effectiveness and adherence to AWC policies and procedures. Along with the board of directors, they communicate with the media when required. The EC also leads communications, strategic, and business planning activities.

The EC continued to meet remotely throughout 2023. They provided oversight on the budget, the Operational Plan, and the AWC's 2023–2025 Multi-year Communications Strategy.

The EC monitored annual expenditures and found 2023 was another year of reduced costs because of continued hybrid and remote meetings combined with several project delays. Board meetings were predominantly hybrid and alternated between Edmonton and Calgary. This allowed some members to convene in person and others to participate remotely.

AD HOC GROUPS, WORKING GROUPS, AND PROJECT TEAMS

IMPROVING DROUGHT RESILIENCE IN ALBERTA THROUGH A SIMULATION PROJECT TEAM

In February 2020, the AWC created the Improving Drought Resilience in Alberta Through a Simulation Project Team. The purpose of this work is to facilitate a simulation to assist the GoA, municipalities, Indigenous communities, and other groups to understand and plan for drought preparation and response, including mitigation,

monitoring, decision making, and communication before, during, and after a drought.

In 2022, a simulation was hosted with key experts from several sub-basin groups using a drought scenario for the South Saskatchewan River Basin. Findings from this exercise were incorporated in a summary report which informed the team's recommendations and final deliverables that were presented to Council for approval.

The project team wrapped up their work at the end of 2023.

SOURCE WATER PROTECTION PHASE I: RISK ASSESSMENT TOOLS AND DATA PROJECT TEAM

In 2018, the Council established a project team to provide guidance on protecting sources of drinking water in Alberta. Results of the project supported developing a Guide to Source Water Protection Planning and the Protecting Sources of Drinking Water in Alberta Companion document. The project found that while communities have voluntarily developed SWP plans and some tools exist in Alberta to support this, more efficient and timely access to data to support the risk assessment process is necessary. This project will develop an online, centralized inventory of tools and data (web tool) and associated educational resources to support SWP planning in Alberta.

The team selected a consultant to support the tool's development but were delayed due to a lack of funding for the proponent to undertake the web tool development work. The project team secured a grant through Alberta Innovates to cover these costs and the team will resume their work in early 2024.

The team is expected to complete their work by late 2024.



WATER FOR LIFE ACTION PLAN PROJECT TEAM

In February 2022, the Council approved ToR and established a project team to identify actions communities or sectors are committed to undertaking to address risks and opportunities and advance the goals and directions of *Water for Life*. The project intended to create an Action Plan for the Council that provides a clear set of short- (1–3 years), medium- (4–7 years), and long-term (7–10 years) actions from across participating Indigenous communities and AWC sectors to advance *Water for Life* goals and key directions.

Building on the work of the previous AWC's *Water for Life* Implementation Review 2016–2019 and the AWC's Alberta Water Futures reports, this project would adopt a sector-based approach to foster collaboration from members and partners to plan actions under a new multi-sector *Water for Life* Action Plan. The team has drafted and collated actions AWC members and partners can take to progress the goals and key directions of the strategy over the next 10 years.

Because of changing priorities and capacity constraints, this project was temporarily put on hold for 2023. The team plans to continue meeting in 2024 with the aim of wrapping up the project by mid-year.

WATER CONSERVATION, EFFICIENCY, AND PRODUCTIVITY REPORTING INITIATIVE

The *Water for Life* strategy had established a target to improve water efficiency and productivity by 30% from 2005 levels by 2015. Since 2004, the AWC has supported Alberta's seven major water-using sectors in voluntarily developing, implementing, and reporting on

water conservation, efficiency, and productivity (CEP) plans to contribute to the target. Four project teams have contributed to this work. Details about each of these teams could be found the AWC's website here, along with the CEP plans developed by the major water-using sectors between 2009 and 2012 and progress reports on the implementation of their CEP activities.

This process entailed a commitment from the major water-using sectors to convene every five years and provide a report on its progress using the agreed upon performance metrics and baseline data. The first update was provided in October 2023 by sectors.

A summary report documenting sectors' progress and other information is anticipated to be released in 2024.

DROUGHT MUTUAL SUPPORT COMMITTEE

Drought is a natural, recurrent phenomenon in Alberta. Recent studies have shown that we can expect extended droughts to become more frequent in the future, and a number of initiatives are underway in the province to improve drought preparedness. In 2023, Alberta started experiencing drought conditions in several areas of the province.

In October 2023, the Council established a committee to support communication, collaboration, and coordination on drought mitigation efforts and messaging among water users, decision makers, and interested and impacted Albertans involved in water management.

This work is projected to end in 2024.



IN-KIND CONTRIBUTIONS

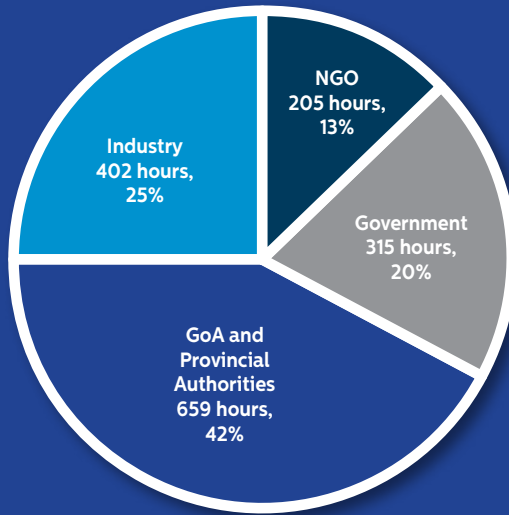
In-kind support is a cornerstone of the AWC’s ability to address complex water management issues and is extremely valuable in helping the AWC complete its work. Industry, government, Indigenous communities, and non-government organizations have all provided such support, largely through the participation of their staff. A number of organizations have also hosted meetings and other events. The AWC has tried to assign a dollar value to this support by examining time and travel costs and other contributions but can confidently say that the true value of these contributions is both under-recorded and underestimated.

The total in-kind contributions of time for 2023 amounted to 1,581 hours, which represents about \$158,100 in donated time (numbers to be updated). The chart below shows in-kind cash equivalent contributions from the four broad sector groups. Additionally, the GoA provided office space to the AWC in 2023.

The AWC gratefully acknowledges EPA for providing a generous grant which covers core operating expenses. Grants from Alberta Innovates toward the work of the Improving Drought Resilience in Alberta Through a Simulation and Source Water Protection Phase I: Risk Assessment Tools and Data project teams are also acknowledged.

The AWC also appreciates the donation from the Alberta Irrigation Districts Association that sponsored our annual recognition event.

2023 IN-KIND CASH EQUIVALENT





SUPPORTERS AND CONTRIBUTORS

The following individuals contributed their time and expertise to AWC committees, ad hoc groups, working groups, and project teams in 2023. The AWC gratefully acknowledges their commitment and support. The AWC also thanks the many individuals from various partner groups who reviewed documents, responded to surveys, and volunteered their time in support of our activities.

Aaron Boulton-
Chaykowski
Aaron Janzen
Abdi Siad-Omar
Adam Norris
Ahmed Idriss
Al Corbett
Allison Moeller
Amber Link
Angela Crowe
Anna Kauffman
Brett Purdy
Brian Deheer
Cam Lane
Chris Gallagher

Curt Horning
Dan Moore
Daryl McEwan
Deanna Cottrell
Eric Camm
Hannah Williamson
Helge Nome
Jaime Davies
Jamie Wuite
Jason Schneider
Jennifer Nitschelm
Jim Friesen
Jim Hackett
Julie Hink
Kai Horsfield

Kaylyn Buffalo
Kris Samraj
Kristen Lorenz
Latiya Northwest
Lesley Peterson
Margo Jarvis Redelback
Marilea Pattison-Perry
Megan Van Ham
Melissa Guglich
Michael Wagner
Mike Murray
Nancy Mackay
Nicole Newton
Nicole Pysh
Nina Wang

Norma Ruecker
Pamela Duncan
Paul McLaughlin
Rawnauld Axelson
Reg Warkentin
Rob Hoffman
Sharon Willianen
Steph Neufeld
Steve Meadows
Suna Ojha
Tara Payment
Tracy Scott
Vicki Lightbown
Wendy Birch



ORGANIZATIONS

The following organizations supported the AWC through their generous in-kind contributions in 2023. These commitments have been instrumental in helping the AWC undertake its work and are deeply appreciated. The AWC also values the contributions from the many organizations engaged behind the scenes that are too numerous to track.

Alberta Agriculture and Irrigation

Alberta Forest Products Association

Alberta Forestry and Parks

Alberta Health

Alberta Innovates

Alberta Irrigation Districts Association

Alberta Lake Management Association

Alberta Municipalities

Alberta-Pacific Forest Industries Inc.

Battle River Watershed Alliance

Bow River Basin Council

Canadian Association of Petroleum Producers

Canadian Fuels Association

Capital Power

Chemistry Industry Association of Canada

City of Calgary

City of Edmonton

Ducks Unlimited Canada

Environment and Climate Change Canada

Environment and Protected Areas

Healthy Waters Lac La Biche

Heartland Generation

Intensive Livestock Working Group

Mighty Peace Watershed Alliance

Red Deer River Watershed Alliance

Rural Municipalities of Alberta

Samson Cree Nation

Team Alberta Crops

Tribal Chief Ventures Inc.

West Fraser – Integrated Forestry Company



OTHER RESOURCES

The AWC's reports and fact sheets can be obtained from our website or upon request to staff. Other agencies and organizations have published materials that have been useful to the AWC and may be of interest. Some of these are noted below.

DOCUMENTS

The following documents are available on the AWC website at www.awchome.ca

- *Improving Resilience to Drought in Alberta by Simulation (2024)*
- *Alberta Water Futures: Risks and Opportunities for Water Management Perspectives Report (2021)*
- *Alberta Wetland Policy Implementation Review Perspectives Report (2021)*
- *Building Resiliency to Multi-Year Drought in Alberta: Tools for Small Urban and Rural Municipalities Companion Report (2021)*
- *Building Resiliency to Multi-Year Drought in Alberta: Tools for Small Urban and Rural Municipalities Guide (2021)*
- *Protecting Sources of Drinking Water in Alberta: Companion Report (2020)*
- *Protecting Sources of Drinking Water in Alberta: Guide to Source Water Protection Planning (2020)*
- *Looking Back: Evaluating Sector Improvements in Water Conservation, Efficiency and Productivity (2017)*
- *Recommendations to Improve Lake Watershed Management in Alberta (2017)*
- *Recommendations to Improve Aquatic Invasive Species Management in Alberta (2016)*
- *Recommendations to Improve Water Literacy in Alberta (2016)*
- *Riparian Land Conservation and Management (2014)*
- *2014 – 2016 Business Plan (2014)*
- *Recommendations to Improve Non-Point Source Pollution Management in Alberta (2013)*
- *Sector Planning for Water Conservation, Efficiency and Productivity (2013)*
- *Moving from Words to Actions – Recommendations to improve communication, coordination and collaboration between and among Water for Life partnerships (2011)*



- *Consensus Decision-Making Toolkit (2010), published with the Clean Air Strategic Alliance*
- *2010 – 2013 Business Plan (2010)*
- *Provincial Ecological Criteria for Healthy Aquatic Ecosystems: Recommendations from the Alberta Water Council (2009)*
- *Recommendations for Improving Alberta's Water Allocation Transfer System (2009)*
- *Recommended Projects to Advance the Goal of Healthy Aquatic Ecosystems (2009)*
- *Healthy Aquatic Ecosystems – A Working Definition (2008)*
- *Intra-Basin Water Movement Inter-jurisdictional Research Report (2008)*
- *Intra-Basin Water Movement: Major Principles and Recommendations (2008)*
- *Recommendations for a New Alberta Wetland Policy (2008)*
- *Recommendations for a Watershed Management Planning Framework for Alberta (2008)*
- *Recommendations for an Alberta Wetland Policy Implementation Plan (2008)*
- *Recommendations for Water Conservation, Efficiency and Productivity Sector Planning (2008)*
- *Strengthening Partnerships: A Shared Governance Framework for Water for Life Collaborative Partnership (2008)*
- *Water for Life, Recommendations for Renewal (2008)*
- *Water Conservation, Efficiency and Productivity: Principles, Definitions, Performance Measures and Environmental Indicators (2007)*
- *Water Policy Issues and Gaps (2007)*



- *Review of Implementation Progress of Water for Life, 2016 – 2019 (2021)*
- *Review of Implementation Progress of Water for Life, 2012 – 2015 (2017)*
- *Review of Implementation Progress of Water for Life, 2009 – 2011 (2011)*
- *Review of Implementation Progress of Water for Life, 2006 – 2008 (2009)*
- *Review of Implementation Progress of Water for Life, 2005 – 2006 (2007)*
- *Review of Implementation Progress of Water for Life, 2004/2005 (2005)*
- *Water Research Strategy (2006), published by the Alberta Science and Research Authority*

ANNUAL REPORTS

AWC annual reports from 2004 to 2023 are available on the website.

AWC VIDEOS

AWC videos are available at www.awchome.ca/publications/videos/

- Guide to Source Water Protection Planning in Alberta: How to Video (2020)
- AWC 101 (2018)
- AWC Process (2018)
- Droughts in Alberta (2018)
- Source Water Protection in Alberta (2018)
- Water Conservation, Efficiency and Productivity (2017)
- *Water for Life* Implementation Review (2017)
- Lakes in Alberta (2016)
- Water Literacy (2014)
- Aquatic Invasive Species (2013)
- Water Use Reporting (2010)



WATER CONSERVATION, EFFICIENCY, AND PRODUCTIVITY SECTOR PLANS

Alberta's seven major water-using sectors have prepared CEP plans. These plans were voluntarily prepared and subsequently adopted by their respective sector organizations. In accordance with the AWC's framework for sector plan development, the completed CEP plans were presented to the AWC for information only, not for approval or endorsement. The original plans and progress reports are available on the AWC's website at www.awchome.ca/projects/water-conservation-efficiency-productivity-1.

WATER FOR LIFE STRATEGY AND RELATED DOCUMENTS

A number of documents related to the *Water for Life* strategy are available online at www.alberta.ca/water-for-life-strategy.aspx

WATERSHED PLANNING AND ADVISORY COUNCILS

- Athabasca Watershed Council, www.awc-wpac.ca
- Battle River Watershed Alliance, www.battleriverwatershed.ca
- Bow River Basin Council, www.brbc.ab.ca
- Lakeland Industry and Community Association, lica.ca
- Lesser Slave Lake Watershed Council, www.lswc.ca
- Mighty Peace Watershed Alliance, www.mightypeacewatershedalliance.org
- Milk River Watershed Council Canada, www.mrwcc.ca
- North Saskatchewan Watershed Alliance, www.nswa.ab.ca
- Oldman Watershed Council, oldmanwatershed.ca
- Red Deer River Watershed Alliance, www.rdrwa.ca
- South East Alberta Watershed Alliance, www.seawa.ca

OTHER ALBERTA RESOURCES AND WEBSITES

- Alberta Innovates, <https://albertainnovates.ca>
- Land Stewardship Centre of Canada, www.landstewardship.org

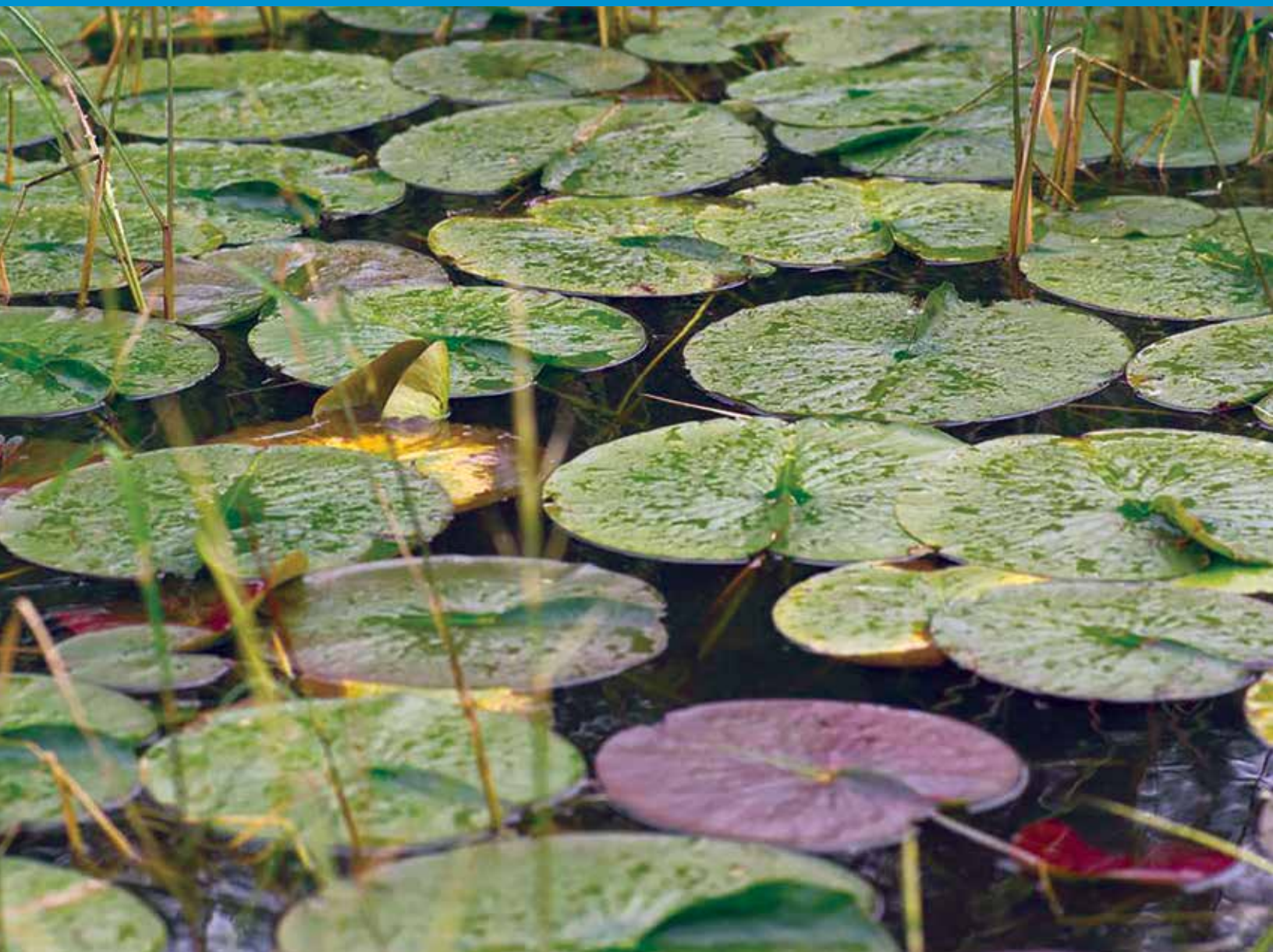
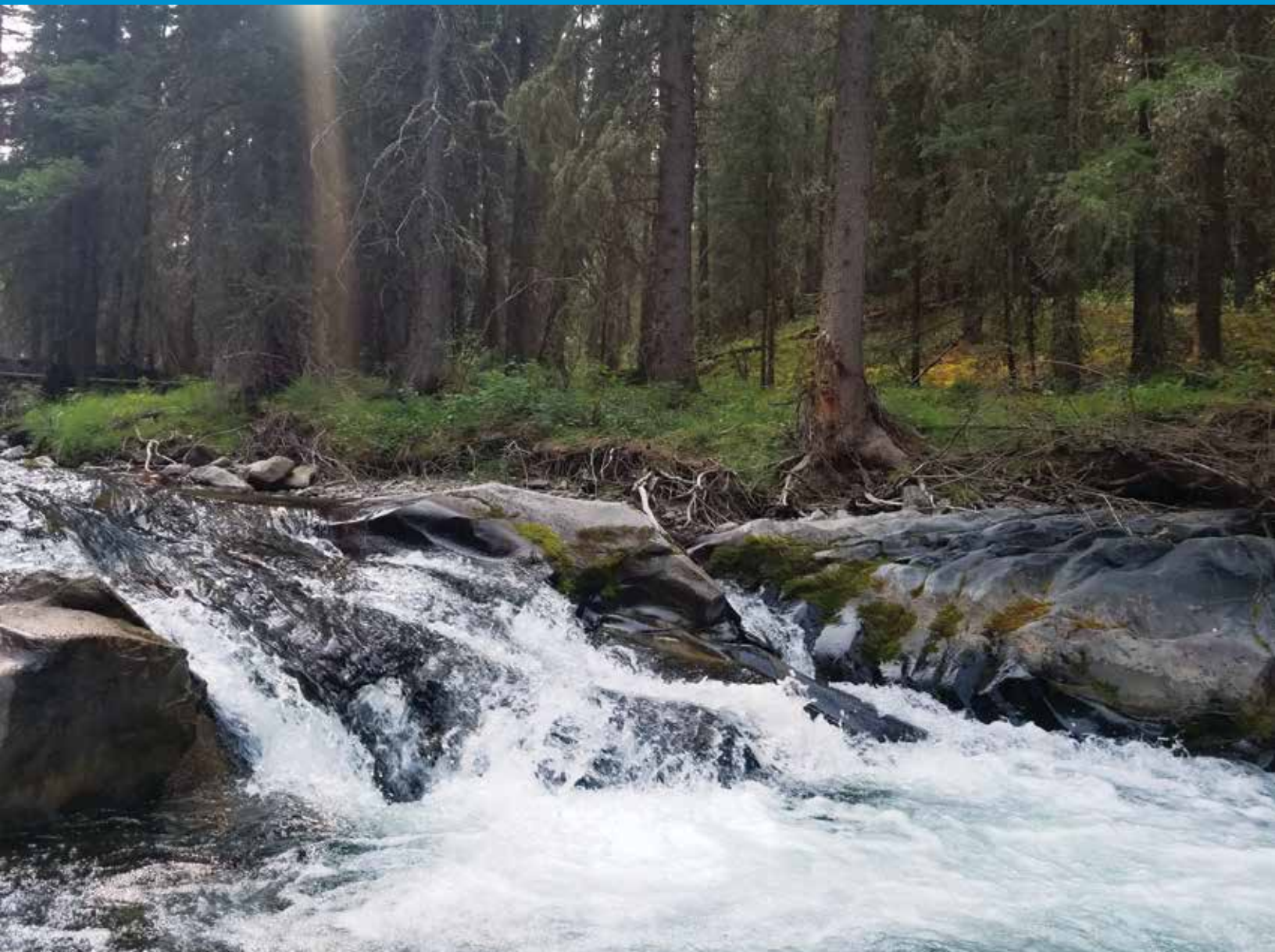


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