



wildlife | fish | habitat

Our Vision

An Alberta with an abundance and diversity of wildlife, fish and their habitats; where future generations continue to use, enjoy and value our rich outdoor heritage.

Our Mission

ACA conserves, protects and enhances fish and wildlife populations and their habitats for Albertans to enjoy, value, and use.

Contents

1.0	Introduction	1
1.1	Linkages to ACA's 2019 – 2028 Strategic Business Plan	2
1.2	Regional Boundary Map	2
2.0	Business Program Areas	3
2.1	Finance and Administration	3
2.2	Business Development	4
2.3	Human Resources	4
2.4	Health and Safety	6
2.5	Information Technology	6
3.0	Resource Programs	8
3.1	Information, Education, and Communications	8
3.2	Wildlife	14
3.3	Fisheries	20
3.4	Land Management	26
4.0	Report A Poacher	30
5.0	ACA Grants	31
6.0	Compensation and Damage Prevention	34
7.0	Monitoring and Accountability	36
8.0	Financial Summary	37

Cover photo: ACA, Lance Engley
Project: The Hasse Lake Fishery Restoration Project

Copies of this plan are available on our website at: <u>ab-conservation.com/aop</u>



Project: Taber Pheasant Festival photo: ACA, Ken Kranrod

1.0 Introduction

Alberta Conservation Association's (ACA) Annual Operating Plan 2021/22 informs
Albertans, our stakeholders, and partners about the projects we are undertaking this fiscal year and how we are directing revenue to our various program areas. The plan guides us in fulfilling our mission to conserve, protect and enhance fish and wildlife populations and their habitats for all Albertans to enjoy, value, and use. It also assists us with meeting our delegated responsibilities, through the Wildlife Act, to the Minister of Alberta Environment and Parks (AEP).

When reviewing this document, you may notice a discrepancy between the numbers in the program budget and those stated in the Financial Summary (Section 8). This difference is attributed to how costs for activities such as training, planning, professional development, and public speaking are budgeted.

The budget is typically allocated within the program area and not within a specific project.

We report on budgets within 12 program areas:
1) Finance and Administration, 2) Business
Development, 3) Human Resources, 4) Health and
Safety, 5) Information Technology, 6) Information,
Education, and Communications, 7) Wildlife,
8) Fisheries, 9) Land Management, 10) Report A
Poacher, 11) Grants, and 12) Compensation and
Damage Prevention Program.

In 2021/22, we anticipate receiving roughly \$3.9 million in partner (non-levy) and/or in land value. Projected levy revenue from hunting and fishing licences is \$15 million. Thanks to the efforts of our dedicated employees and the generosity of our various donors and partners, the majority of this funding will be directed back into conservation efforts.

A key to the long-term viability of hunting and angling (and therefore conservation) in this province is the recruitment, retention, and education of hunters and anglers. Historically, this collective group has been the driving force behind conservation initiatives in Alberta, and its members continue to contribute their time, effort, and money (through levies on licences) into conserving Alberta's natural heritage. Considering the role they play in conservation, it is crucial that we continue supporting retention, recruitment, and education activities. We will continue to support a range of mentored fishing (National Recreational Fisheries Award-winning Kids Can Catch program) and hunting events and will work on communications campaigns such as "Harvest Your Own" that increase the awareness of opportunities for getting involved in hunting and angling, and of the important role hunters and anglers play in conservation.

In our partnership with Hunting for Tomorrow, we will continue to reimburse the cost of the first WIN card for any youth who successfully completes the Conservation and Hunter Education Training Program. Along with receiving a reimbursement of \$8.40 (cost of the WIN card), each youth receives an information package containing literature on each of our member groups, giving them an opportunity to learn more about Alberta's conservation community.

A significant part of our work involves developing and maintaining partnerships. These partnerships contribute to the success and scope of our conservation work. Our partnerships span across all our program areas, including fisheries, wildlife, land management, communications, and administration. We will continue to work closely with our member groups, non-member groups, corporate partners, and AEP.

Our most important partners are Alberta's hunters, anglers, and trappers, and we expect them, along with our many other partners and stakeholders, to hold us accountable. We'd like to hear from you if we do not meet your expectations for the conservation work you have told us you want to see happening in Alberta.

1.1 Linkages 2019 – 2028 Strategic Business Plan

The 2019 – 2028 Strategic Business Plan includes both a three-year and ten-year business plan. The objectives identified in the three-year plan are reviewed annually and updated if a significant change in strategic direction is warranted. The Strategic Business Plan is a roadmap that keeps us focused on the strategies that influence our effectiveness. This clear sense of direction enables us to develop the most appropriate means of reaching our goals, which contributes to our success in fulfilling our Mission and achieving our Vision.

1.2 Regional Boundary Map



2.0 Business Program Areas

2.1 Finance and Administration

The Finance and Administration Programs focus on ensuring the smooth day-to-day operation of ACA. Tasks performed in these programs include payroll, payables, receivables, and administrative support for our managers and Board of Directors.

Table 1: Finance and Administration Projects for 2021/22

Project		Primary Purpose	Expected Outcomes
ACA Partner Total	\$635,937 \$41,000 \$676,937	Provide financial services that safeguard company assets. Ensure legal and contractual obligations are met. Provide accurate and timely information to ACA's decision makers.	Manage assets effectively. Provide complete and timely legal reporting. Support management's information needs and facilitate effective decision-making.
Administration ACA Partner Total	\$2,163,192 \$41,998 \$2,205,189	Provide administrative support to all areas to enhance the efficiency and effectiveness of internal operations.	Support Board of Directors, executive, and management. Maintain building operations throughout the province.



Alberta Environment and Parks Minister Jason Nixon and Brad Fenson manning the BBQ at Waterfowl Warmup photo: ACA, Charmaine Brunes

2.2 Business Development

The Business Development Program maintains strong collaborative relations with our existing business partners and fosters new partnerships with companies operating in Alberta. Business Development raises awareness of ACA in the business community and creates opportunities for companies to support our conservation work. We recognize multi-year business relationships through our Corporate Partners In Conservation program. In 2021/22, we will continue to explore ways of generating non-levy revenue, which will include: print and digital advertising sales, sponsorship of conservation projects in our Wildlife, Fisheries, and Land Management programs, support for outreach events such as Kids Can Catch, Taber Pheasant Festival, and Waterfowl Warmup, and corporate contributions to ACA grants and terrestrial conservation offsets. Business Development also works closely with the Information, Education and Communications Program to ensure ACA brand identity is maintained internally and externally.

Table 2: Business Development Projects for 2021/22

Project	Primary Purpose	Expected Outcomes
Business Development Support ACA \$384,453	Strengthen existing partnerships and develop new relationships that support ACA programs and projects.	Increase non-levy revenue by 5 percent minimum above previous fiscal year. Sign on a minimum of five new corporate partners and/or increase contributions or multi-year commitments from five
Partner \$5,000	, ,,	existing Corporate Partners in Conservation.
Total \$389,453		
ACA Store	Provide opportunities for staff to	· Increase ACA brand recognition in the general public and
ACA \$19,328	receive ACA-branded clothing for work (office, field, meetings, and	business community. Maintain employee satisfaction with branded merchandise.
Partner \$0	tradeshows), and personal use.	manian corp. of cosmonation man standard metallianate
Total \$19,328		

2.3 Human Resources

Human Resources implements strategies and policies that meet organizational objectives. In 2021/22, our focus continues to be the investment of: 1) employee health and wellness, 2) training and development, and 3) creating a culture where employees are engaged and enthusiastic. Creating an environment conducive to learning through experience, coaching, mentoring, self-learning, as well as through training and development is a must in a well-functioning organization.

Table 3: Human Resources Projects for 2021/22

Project	Primary Purpose	Expected Outcomes
Program Coordination ACA \$169,607 Partner \$0 Total \$169,607	Maintain market competitiveness and Human Resources innovation. Deliver services, programs, and communications that are valued by prospective and current employees. Promote and maintain a safe hasslefree work environment. Maintain the Work Place Harassment and Diversity Committee.	 Create a corporate culture that attracts and retains employees. Increase job satisfaction to foster a productive work environment with a higher retention rate. Recognize human capital as the resource that drives organizational success. Maintain management system targets and evaluate success and diversity.

Professional Development	proressional development, career	Provide employees with opportunities to grow and take on
ACA \$27,500		new challenges through mentoring and training.
Partner \$0		Invest in professional development programs to improve leadership capabilities, job skills, and employee productivity.
Total \$27,500	performance management.	Maintain a work environment that motivates and inspires.
	Enhance teamwork and inter-team collaboration.	Well-trained employees receive personal satisfaction from a job well done.
	Support employees in academic upgrades.	Enhance capabilities and make the workplace an environment that supports people's initiative, creativity, responsibility, and meaning.
Professional Memberships	Encourage employees to contribute	Increase awareness and credibility of ACA and our employees
ACA \$6,000	to self-regulating professional associations committed to	by promoting and maintaining high standards of professional competence and ethics.
Partner \$0	promoting excellence in	
Total \$6,000	professional practices.	
Health and Wellness	Promote the achievement of work-life balance and wellness for	Reduce stress among employees to improve mental health by encouraging healthy lifestyle and healthy work/life balance
ACA \$43,000	our employees, ensuring they are	Invest in employees to ensure an open and friendly culture and
Partner \$0	incorporated into the culture of the organization.	employee wellbeing.
Total \$43,000	Promote a healthy workplace both physically and mentally.	Encourage social, physical, emotional well being with a diverse health and wellness program.
	The aim of measures for workplace well-being is to complement health and safety measures to make sure employees are safe, healthy, satisfied and engaged at work.	Workplace Wellbeing relates to all aspects of working life, from the quality and safety of the physical environment, to how employees feel about their work, their working environment, the climate at work, and work organization.
Service Awards	Recognize employees for their loyalty, commitment, and achievements. Celebrate the unique skills and contributions of the amployee	Provide service awards to employees who reach milestones. Examine and source innovative service awards on an annual basis.
ACA \$5,000		
Partner \$0		
Total \$5,000	contributions of the employee.	
Online Survey	Determine level of employee	· Conduct annual employee survey.
ACA \$1,000	satisfaction with various aspects of ACA.	learnify challenges and develop action plans for improvements.
Partner \$0		
Total \$1,000		
Recruitment	Compete in the job market to ensure only the best and talented	Promote ACA as an organization where employees can build their careers and expand their skills.
ACA \$12,304	employees are recruited to assist in	Hire employees with the knowledge, skills, and ability to
Partner \$0	meeting organizational goals. Create a corporate culture that attracts and retains employees of all generations. Embracing new recruitment technologies.	perform the job and whose beliefs and behaviours fit our
Total \$12,304		organizational culture. - Ensure equal opportunities available for all employees.
		Ensure equal opportunities available for all employees.
Career Fairs	Hire high-quality students for	Promote ACA to college and university students.
ACA \$2,000	temporary summer work.	· Provide co-op and intern opportunities to students.
	Build employment relationships with students.	
Partner \$0	with students.	

2.4 Health and Safety

Our Health and Safety Program is an integral part of our operations, ensuring all work is conducted in a healthy and safe manner, regardless of the working environment or situation. Administered by Alberta Conservation Association's (ACA's) Health and Safety Committee, the program relies on input from staff and management so that principles and practices remain current, comprehensive, easy to apply, and relevant for day-to-day operations. Maintaining the best possible Health and Safety Program requires constant feedback through internal reviews of program materials and an emphasis on incident reporting and tracking.

In 2021/22, our goal is to ensure employees continue to embrace ACA's Health and Safety Program and are kept safe and healthy. We will foster a company culture and work environment that ensures safety is a company priority, which includes providing employees with the necessary training, equipment, materials, and procedures required to conduct work in a healthy and safe manner. Improvements to the Health and Safety Program are continuous so the program remains comprehensive, efficient, effective, and current.

Table 4: Health and Safety Projects for 2021/22

Project	Primary Purpose	Expected Outcomes
Health and Safety ACA \$133,821 Partner \$0 Total \$133,821	Foster a company culture and working environment where all employees can work in a safe and healthy manner. Continue to monitor, maintain, and improve upon the Health and Safety Program so that it remains comprehensive, efficient, effective, and current.	 Eliminate workplace injuries as well as loss or damage to property, facilities, materials, and equipment. Continue to maintain and improve a Health and Safety Program that integrates workplace safety effectively into ACA operations. Provide ACA employees access to health and safety resources (e.g., forms, policies, procedures, and other reference materials). Provide employees with the necessary training, equipment, materials, and procedures required to conduct work in a healthy and safe manner. Respond to all health and safety incidents, including near misses, develop and implement corrective actions as required, and communicate results to all staff. Operate the Health and Safety Program in a transparent and open manner.

2.5 Information Technology

The Information Technology (IT) Program is responsible for the day-to-day operation, management, and strategic direction of ACA's information technology services. The program's primary activities and applications include: network and data security and backup, corporate telephone systems, intranet website, financial applications, payroll system, GIS applications, and several other applications and services. Core responsibilities also include ensuring workstation and network functionality, providing end-user support, and data recovery.

Table 5: Information Technology Projects for 2021/22

Project	Primary Purpose	Expected Outcomes
Information Technology/ Systems ACA \$438,240 Partner \$0 Total \$438,240	Manage and operate ACA's IT infrastructure on a daily basis. Provide technical support to all areas of ACA's information technology and management systems. Provide IT initiatives that reduce costs, environmental impacts, and provide future growth.	 Maintain security of ACA network and data structures. Ensure existing technology provides information in an efficient and effective manner. Research and review new technology that supports ACA's strategic goals and objectives. Coordinate IT projects and processes with external consultants.



Project: Kids Can Catch photo: ACA, Charmaine Brunes

3.0 Resource Programs

3.1 Information, Education, and Communications

The Information, Education, and Communications Program is responsible for increasing awareness, supporting education outreach, and generating interest in conservation, ACA, and its work in wildlife, fisheries, and habitat.

Communications defines conservation by building relationships and partnerships between our stakeholders, corporate citizens, and the general public. This resource program portfolio includes corporate communications, brand management, and wildlife, fisheries, and land management resource program support.

Projects include: advertising and marketing corporate communications/social media/wildlife cameras/*Conservation Magazine* / Harvest Your Own / Kids Can Catch.

Table 6: Information, Education, and Communications Projects for 2021/22

Communications			
Project		Primary Purpose	Expected Outcomes
Advertising a ACA Partner Total	\$82,904 \$0 \$82,904	Increase awareness ACA brand recognition, key ACA events, programs and projects while promoting hunting and fishing in Alberta.	Identify key advertising opportunities and implement strategies that align with the Strategic Business Plan's four-year objectives. Coordinated cross media targeted advertising promoting huntin and angling in Alberta. On-going
ACA Partner Total	9191,628 \$2,625 \$194,253	Develop and maintain a hunting focused multi-media resource to retain and recruit hunters while building a positive profile of hunting to non-hunting demographics.	 Provide an educational resource on how to hunt and harvest in Alberta. Maintain a viable and interesting resource year-round for hunter in Alberta. Positive annual audience growth across all media platforms. Attract advertising through audience capture. Research a series of 3 studies over 4 years completed by a PhD student at the University of Alberta. Overall research goal: Identify food-related benefits of hunting that resonate with the core values of ambivalent hunters in Alberta to strengthen the appeal of hunting wild game for food. On-going
The Philip J. C Museum Disp AACA Partner Total	\$65,711 \$65,711	Increase awareness of ACA as an educational and scientific organization, key ACA programs and projects, and conservation efforts in Alberta.	Engage student audiences in conservation issues. Increase public awareness of conservation and its scope of stakeholders. Year 3 of 5

Social Media Facebook, Twitter, Instagram, YouTube, Constant Contact ACA \$52,966 Partner \$0 Total \$52,966	Use social media to connect and develop new audiences by highlighting the projects, events, and values of ACA and member groups as well as related conservation issues in Alberta. Assist AEP with promotion of the Aquatic Invasive Species Program, Family Fishing Weekends, youth hunting, and other initiatives.	 Produce and deliver monthly Constant Contact e-newsletter to inform and promote news and events. Promote various ACA activities and events that occur throughout the year including: tradeshows, wildlife cameras, fish stocking dates, grant applications, Taber Pheasant Festival, Kids Can Catch, Waterfowl Warmup, and provincial pheasant releases. Interact and engage daily with audiences on Facebook, Twitter, and Instagram. Increase number of followers on following social media platforms. Increase awareness of conservation issues such as aquatic invasive species and member group activities. Assist member groups and other organizations and partnerships with social media resources. On-going
Internal Communications Needs ACA \$17,317 Partner \$0 Total \$17,317	Support the ACA President and CEO; Business Development; Human Resources; and Wildlife, Fisheries, and Land Management programs.	 Provide all planned and approved communications needs as well as address any unforeseen opportunities, whether internally or sourced through third party. Complete online seasonal job postings by mid-December 2021. Post Report Series by the end of April 2021. ACA vehicle/asset branding. Development of 25th Anniversary media and materials Develop key communications materials to ensure appropriate branding and messaging (e.g., media releases, fact sheets, poster templates, presentations). On-going
Stakeholder Communications ACA \$5,541 Partner \$0 Total \$5,541	Assist member groups and stakeholders in communications support where viable.	Provide creative and promotional support where possible fostering positive business relationships. On-going
Emerging Issues ACA \$40,003 Partner \$0 Total \$40,003	Provide on-demand communications media.	Maintain ACA as an up-to-date resource within its operations and public relations. Respond as required to unforeseen communications needs, opportunities, and challenges. On-going
Publications/Print		
Project	Primary Purpose	Expected Outcomes
Conservation Magazine Spring/ Summer Fall/ Winter ACA \$100,584 Partner \$6,000 Total \$106,584	Publish a free magazine that engages multi-interest audiences and connects them with ACA and its conservation projects, member groups, stakeholders, and partners.	Produce, publish, promote, and deliver 30,000 hard copies of Conservation Magazine, seasonally in spring and fall, with digital versions available online. On-going

Alberta Discover Guide ACA \$88,717 Partner \$10,000 Total \$98,717 Annual Operating Plan ACA \$8,077 Partner \$0 Total \$8,077	Provides a comprehensive reference to several hundred sites conserved for the purpose of habitat protection and made available for recreational use by our stakeholders. Promotes the value of habitat conservation and the benefits of securing that habitat for wildlife. Provide stakeholders with information on ACA resource program projects and operations.	 Produce, publish, promote, and deliver 35,000 hard copies of the Guide with digital versions available online. Foster relationships with conservation partners who are key contributors to the Guide, such as Alberta Fish & Game Association (AFGA) and its affiliated clubs, Ducks Unlimited Canada (DUC), and Nature Conservancy of Canada (NCC). Promote AEP program messaging such as invasive species. On-going Prepare the Annual Operating Plan draft for the ACA Board of Directors meeting, December 2021. Coordinate, edit, and design the Annual Operating Plan. Complete and post the Annual Operating Plan, after ACA Board of Directors approval, in April 2022, to coincide with the fiscal year. On-going
Annual Report ACA \$10,684 Partner \$0 Total \$10,684	Provide stakeholders financial reporting and transparency in operations.	 Produce the Annual Report by September 2021. Report audited financial statements to stakeholders. Coordinate editing and post ~ 45 resource program annual summaries (Wildlife, Fisheries, Land, and Communications) online by April 15, 2021. On-going
Grants Reports and Forms ACA \$5,917 Partner \$0 Total \$5,917	Provide stakeholders information about ACA Grants Fund projects awarded, allocations, and activities.	 Post and promote interim reports, annual report, grant information, and application deadlines. Redesign the Grants in Biodiversity web site. Enhance the Grants Programs communications. Produce the Grants Fund Annual Report by fall 2021 for grant eligible committee meeting in December 2021. On-going
On Site Signage The budget is allocated within the Land Management and Fisheries programs.	Work with the land and fisheries teams to produce branded conservation site signs, Fisheries Access Site signs, and specialty signs as required.	Design and coordinate proofing, quotes, and printing of outdoor signs. On-going
ACA \$6,390 Partner \$0 Total \$6,390	Work with ACA Resource programs, AEP, and member groups to update existing publications as determined.	Provide publishing support through design, editing, proofing, and printing. On-going
Final Reports ACA \$8,880 Partner \$0 Total \$8,880	Provide publishing support for resource programs within research.	Awareness and accessibility to ongoing project research by ACA. On-going

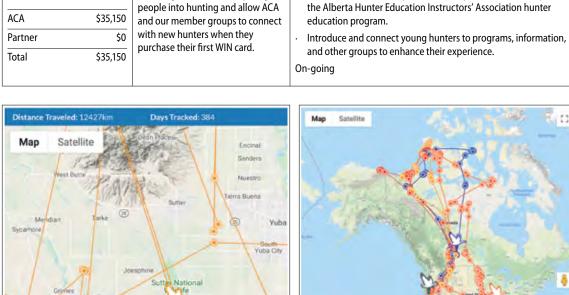
Website		
Project	Primary Purpose	Expected Outcomes
Website Media and Development ACA \$73,968 Partner \$0 Total \$73,968	groups, Corporate Partners in Conservation, events, and	 Provide access and navigation for users to angling and hunting information. Provide ACA conservation projects enhanced profile. Provide online support for donations, event registration, and public engagement. Continually monitor and update website content to ensure the most recent and accurate information is provided and that all links, downloads, and postings are valid and functional. Implement search engine optimization practices at all times. Expand design, navigation, and advertising. On-going
ACA \$1,000 Partner \$0 Total \$1,000	engage hunting and conservation audiences.	Create awareness of harvestable species to a cross interest audience. Create a platform that can expand to other species tracking in Canada and North America. Cultivate new conservation audiences. On-going

Table 7: Education and Outreach Events for 2021/22

Project		Primary Purpose	Expected Outcomes
Partner	\$0 114,923	Engage the general public by providing live-streaming camera feed from nesting peregrine falcons in various locations in Edmonton.	 Maintain remote camera infrastructure at existing nest sites. Educate the public about peregrine falcon behaviour, biology, and its <i>Threatened</i> status in Alberta, and other species of designation such as the ferruginous hawk. Increase traffic to our website and engage new audiences in ACA projects and events. Explore opportunities for similar remote camera coverage of other species. On-going
Partner \$6	42,616 60,000 02,616	Introduce youth and novice hunters to pheasant hunting, demonstrating responsible and ethical hunting practices. Provide additional pheasant hunting opportunities during this week-long festival. Promote municipal and farming practices that support wildlife and self-sustaining pheasant populations.	 Continue to work with local organizations and businesses to support and coordinate the Taber Pheasant Festival. Increase awareness of upland game bird habitat requirements and increase landowner participation in habitat enhancement projects. Encourage continued interest in pheasant and upland game bird hunting beyond the event. Increase overall number of youth and families hunting upland game birds each year (increased hunting licence sales). Introduce non-hunters to positive experiences related to hunting through culinary events, education, and entertainment. On-going

Kids Can Catch		Encourage youth and families in communities across Alberta to get	Promote the Kids Can Catch Program as a way for local organizations to introduce youth and adults to fishing, fish
ACA	\$20,025	outdoors and enjoy angling.	conservation, and responsible angling.
Partner	\$35,500		Engage local organizations and businesses to support and coordinate family fishing events in communities across Alberta.
Total	\$55,525		Public promotion of Kids Can Catch events through various media. Help local organizers connect with resources and volunteers to mentor new and young anglers on responsible and ethical angling practices.
			 Encourage continued interest in angling beyond Kids Can Catch events, including awareness of fishing opportunities at stocked and aerated lakes. Increase overall number of youth and families fishing each year
			(increased fishing licence sales). On-going
Waterfowl Warm	nup	Host an annual sporting clays	Increase awareness of and funds for the Report A Poacher
ACA	\$13,060	fundraiser as an opportunity for the general public, businesses,	program. Promote responsible and ethical hunting practices.
Partner	\$21,500	and conservation organizations	Strengthen corporate relationships in the pursuit of long-term
Total	\$34,560	to support the Report A Poacher program.	partnerships in conservation. On-going

Expected Outcomes



(113)

Primary Purpose

Encourage recruitment of young

Project

WIN Card Reimbursement



Increase the number of youth 12-to-17 years old who complete

Project: Migratory GPS Project images: ACA website



Project: Pheasant Releases to Enhance Hunting Opportunities photo: ACA, Charmaine Brunes

3.2 Wildlife

Hunter numbers increased substantially in 2020, and with this the desire to access private land. We initiated a survey in early 2021 asking landowners to relate their experiences and attitudes toward access to better understand the complexities from their perspective. Later in 2021, we will put out a survey to hunters seeking their opinions on the same topic, and whether this is changing over time.

Another highlight in the coming year is the expansion of wild turkey range within Alberta. The opportunity to hunt turkeys is one of the most highly sought draws annually, although at the current allocation rate most hunters will never be drawn. We will look to expand the range of wild turkey into central Alberta by translocating birds. This is a long-term endeavour that we anticipate will increase hunting opportunity in 8-15 years.

The long-term outlook for spruce grouse has also become a concern, so we are launching a new program (Forest Grouse Monitoring Initiative) to better understand population trends, and if/where they may be vulnerable. We will again be working with Alberta trappers as we begin this work.

We continue to develop long-lasting relationships with producers and other landowners that benefit wildlife and habitat. This often focuses within low lying riparian zones that serve as the lifeblood for many species, as well as providing habitat pathways that connect the greater landscape.

We have 24 projects identified within this years' AOP and we invite you to look at them all in the next few pages!

Table 8: Wildlife Projects for 2021/22

Project		Primary Purpose	Expected Outcomes
Turkey Distri Surveys ACA Partner Total	\$32,905 \$0 \$32,905	Identify the range of turkeys in south west Alberta, and conduct surveys to index trends.	 Work with landowners and stakeholders to identity the current range of turkeys in SW Alberta. Develop approach to incorporate citizen science to track range and annual trends. Conduct field surveys in select areas to track range and annual trends. Explore opportunities to expand the range of wild turkeys within central Alberta. Ongoing
Range Expar Turkey into C ACA Partner Total	\$163,277 \$50,000 \$213,277	Establish wild turkeys in central Alberta to increase hunting opportunity.	 Establish wild turkeys in select locations in central Alberta annually over 5-6 years. Monitor survival, dispersal, and recruitment. Monitor potential conflict with local community. New
Alberta Volunteer Amphibian Monitoring Program ACA \$7,342 Partner \$0 Total \$7,342		Volunteer collection of amphibian location data throughout Alberta. Alberta Volunteer Amphibian Monitoring Program (AVAMP).	Coordinate volunteer collection of amphibian data from across Alberta. On-going

Hunter App to Track Wildlife Sightings		Develop app for hunters to track wildlife sightings to enhance their personal experience and	 Build on experience with Moose app to develop a tool valued by hunters to track their personal wildlife sightings (i.e., moose elk, deer, bear).
ACA	\$28,170	supplement population monitoring.	Develop functionality of app over 3 years.
Partner	er \$20,000	3	Encourage partnership with Metis community.
Total	\$48,170		Ensure app has high value for individual hunters and that their personal data is secure.
			Develop metrics from hunter input to benefit AUS data for ungulates to help guide conservation and allocation (gender ratios, age ratios, effort info, etc.).
			Explore and test approaches for tracking game birds and metrics to indicate trends.
			Ongoing
Hunting Oppo	ortunities and R	ecruitment	
Project		Primary Purpose	Expected Outcomes
Landowner Hu Survey	inting Access	(Identify access barriers influencing hunter retention and recruitment) Assess potential access issues	Complete report for survey results from FY2020, focusing on how private land access varies regionally and which issues increase/decrease the likelihood of a property being available
ACA	\$38,194	perceived by hunters and	for hunting by the public. How might changing landowner demographics affect access restrictions in the future? Share
Partner	\$3,000	landowners.	results with stakeholders and the general public.
Total	\$41,194		Explore messaging for hunters to educate on how to increase your success in getting permission, and how to build and maintain positive relationships with landowners. Year 2 of 2
Hunter Perceived Access Survey		(Identify access barriers influencing hunter retention and recruitment)	Develop survey approach to identify access issues as percei by hunters: how does their experience vary by type of land designation, region, and target species (e.g. waterfowl vs
ACA	\$24,670	Assess potential access issues perceived by hunters.	big game vs upland birds)? What role do gender, age, hunter
Partner	\$11,000		experience, annual effort, etc. play? How might changing hunter demographics affect access restrictions in the future?
Total	\$35,670		Examine unique access issues faced by hunters with restricted mobility (including age related reductions in movement capability).
			New
Pheasant Relea	ases to Enhance rtunities	Enhance hunter opportunity by releasing pheasants in select	Manage and coordinate pheasant release program within Albe Engage volunteer groups to assist with delivery of pheasant street.
ACA	\$857,353	locations (provincial).	at sites.
Partner	\$3,500		Evaluate the efficiency of program and satisfaction of hunters through a hunter survey (hardcopy or smartphone).
Total	\$860,853		Update and maintain web-based platform to inform hunters of all release sites including detailed maps.
			Trial releasing female pheasants at northern sites?? On-going
Upland Gamek Forecast	oird Fall	Survey upland gamebirds to track population trends.	Engage stakeholders to survey pheasant and grey partridge populations to look at populations trends to promote hunter recruitment.
ACA	\$7,168		Publish early fall recruitment survey results on our website (and
Partner	\$0		partner websites) to encourage hunter interest.
Total	\$7,168		Develop questions and metrics for inclusion in the wildlife app for upland birds. On-going
Upland Gamek Initiative	oird 4-H	Engage 4-H clubs and volunteers to raise upland birds (provincial).	Engage 4-H clubs and volunteers enabling them to raise and sell pheasants.
			Birds may be sold for hunting opportunities.
ACA	\$28,493		
ACA Partner	\$28,493 \$11,775		Communicate importance of suitable habitat with 4-H participants to foster long-term interest in habitat.

Habitat Ste	wardship and Enh	ancement	
Project		Primary Purpose	Expected Outcomes
MULTISAR – ACA Partner Total	\$43,121 \$159,000 \$202,121	Engage landowners with planning and implementation of habitat strategies along the Milk River Basin.	 Enhance habitat on collaborating ranch lands (eight–ten) including habitat to benefit sage grouse. Evaluation of habitat conservation strategies on select properties Consultation and relationship building with landowners and stakeholder community.
	, ,		On-going
MULTISAR –	West	Engage landowners with planning	· Initiate habitat conservation strategies at one to two ranches.
ACA	\$81,176	and implementation of habitat strategies west of Highway 22 in	Evaluation of habitat conservation strategies on select properties.
Partner	\$50,000	South Saskatchewan River Basin.	Consultation and relationship building with landowners and
Total	\$131,176		 stakeholder community. Evaluate wildlife friendly fencing alternatives for elk (and deer, moose) in grassland and foothills ecosystems. On-going
MULTISAR – S Saskatchewa		Engage landowners with planning and implementation of habitat	 Initiate habitat conservation strategies for one to two ranches. Evaluation of habitat conservation strategies on select
ACA	\$117,633	strategies through the South Saskatchewan Basin.	properties for wildlife.
Partner	\$353,525	Sustaine van Sustain	Consultation and relationship building with landowners and stakeholder community.
Total	\$471,158		On-going
Alberta Piping Plover Recovery		Assist recovery of piping plovers through habitat enhancements, and report on success of recovery	 Implement enhancements including fencing, educational sanctuary signage, and vegetation reduction at select properties.
ACA	\$42,433	efforts.	Conduct inventory of plovers at select lakes.
Partner	\$15,000		On-going
Total	\$57,433		
Pronghorn Fence Enhancement Partnership		Enhance pronghorn movement by assisting Alberta Fish & Game Association (AFGA) to identify and	Provide planning map to partner (AFGA) that highlights fence with greater likelihood of limiting pronghorn movement. Assist AFCA coordinate the appropriate according to the plant of the propriate according to the propriate accordin
ACA	\$6,760	modify fence lines.	Assist AFGA coordinate the volunteer removal of barbed or page wire and replace with smooth wire at 46 inches above the ground targeting 45 km per year modified.
Partner	\$21,000		
Total	\$27,760		On-going
SHARP - Spec Assessment a Partnership	cies Habitat and Restoration	Engage landowners, county, and other stakeholders to develop and implement habitat strategies that benefit sharp-tailed grouse, ruffed	Initiate habitat conservation strategies at one to two ranches. Initiate inventories for habitat conservation strategies at one to two new ranches with collaborative long-term management
ACA	\$157,530	grouse, moose and other wildlife.	plan signed. Consultation and relationship building with new landowners
Partner	\$136,050		and stakeholder community.
Total	\$293,580		Foster wetland retention and restoration. Evaluate wildlife friendly fencing alternatives for elk (and deer, moose) in grassland and foothills ecosystems.
			On-going
Pronghorn R Enhancemen	Road Crossing nt	Citizen Science approach to identify crossing barrier hot spots along highways near Medicine Hat.	Work with key partners (Miistakis, AEP, Alberta Transportation, Saskatchewan Ministry of Environment, and Saskatchewan Government Insurance) on the Pronghorn Xing citizen science
ACA	\$2,075	g.majo neur medicine ride.	project to identify pronghorn pinch-points along highways in
Partner	\$55,602		Alberta (and Saskatchewan). Assess the functionality of migration corridors along Highways
Total	\$57,677		1, 3 and 41. Work with partners to scope improvements for road crossing movement that reduce mortalities.
			Year 4 of 4

Upland Game	e Bird Enhancem	ent	
Project		Primary Purpose	Expected Outcomes
Habitat Conne Access ACA Partner Total	\$233,753 \$32,500 \$266,253	Improve habitat connectivity for upland gamebirds and hunter access in collaboration with Taber Irrigation District, and St. Mary's Irrigation District across their respective systems.	 Continue to build relationships with irrigation districts to enhance habitat and water quality and improve hunter access. Map range and riparian health surrounding irrigation reservoirs and develop recommended management actions for improvement (three–four reservoirs/year). Collaborate with partners to enhance range and riparian habitat around reservoirs (three–four reservoirs). Work with SMRID to design and enhance wildlife habitat on 158 acres on Sauder Reservoir. Engage additional project partners in the delivery of habitat plan. On-going
Habitat Legac	y Partnership	Enhance upland and riparian habitat	Monitor success of habitat enhancements on select properties
ACA	\$36,421	for upland birds and decrease need	designed to improve upland bird densities.
Partner	\$0	for pheasant put- and-take release program in areas with suitable	Un-going
Total	\$36,421	habitat.	
Total	750/121		
Demonstratio Restoring Upl Densities and ACA	and Bird	Collaborate with demonstration farm partners to evaluate approaches for improving upland bird densities on modern profitable farms.	Test approaches to improve water regulation, run-off control, while buffering nutrients and sediment. Demonstrate value of wetlands on farmed systems and foster wetland restoration with producer community. Evaluate approaches for improving recruitment and density of upland birds (pheasants, grey partridge) and other species
Partner	\$0		
Total	\$75,750		(songbirds, amphibians, invertebrates) on modern profitable farms. On-going
Applied Rese	earch and Ecologi	ical Studies	
Project		Primary Purpose	Expected Outcomes
Forest Grouse Initiative		Pilot approaches to monitor and map forest grouse and identify knowledge gaps.	Work with SMRID to design and enhance wildlife habitat on 1 acres on Sauder Reservoir. Engage additional project partner in the delivery of habitat plan. On-going Monitor success of habitat enhancements on select propertie designed to improve upland bird densities. On-going Test approaches to improve water regulation, run-off control while buffering nutrients and sediment. Demonstrate value of wetlands on farmed systems and foste wetland restoration with producer community. Evaluate approaches for improving recruitment and density of upland birds (pheasants, grey partridge) and other species (songbirds, amphibians, invertebrates) on modern profitable farms. On-going Expected Outcomes Pilot approaches to monitor forest grouse (spruce, dusky, ruffed) and potentially sharp-tailed grouse, with citizen scientists including Alberta Trappers Association trappers. Develop metrics for monitoring presence/absence and trends in RFMAs (trappers) and with broader citizen science community. Develop questions for inclusion in wildlife app. New Interact with moose specialists from other jurisdictions to better understand the extent of moose declines. Scope factors related to moose declines across their range in other jurisdictions and identify leading hypotheses where possible.
ACA	\$26,732		Develop metrics for monitoring presence/absence and
Partner	\$0		
Total	\$26,732		Develop questions for inclusion in wildlife app.
Factors Effect Survivorship a	ing Moose and Recruitment	Scope opportunities to better understand moose declines in	
ACA	\$19,268	Alberta.	,
Partner	\$19,208		
Total	\$24,268		Identify current research related to moose declines and scope

produce an index of furbearer population trends. (province)	 harvest and trapping effort that provides reliable population indices. Produce marten harvest parameters that could be used for population modelling (e.g. age class, sex ratio, harvest effort; 5+ years of data needed). Determine if similar data could be provided for quota species (wolverine, otter, lynx, and fisher). Year 4 of 5
Develop standards for multi-species wildlife-friendly fence design.	Evaluate the response of pronghorn to fence enhancement techniques that benefit deer and elk to determine standards for wildlife-friendly fences.
	Wrap up paper on latest fence trials for pronghorn and deer.
	Year 5 of 5
	population trends. (province) Develop standards for multi-species



Project: Alberta Volunteer Amphibian Monitoring Program photo: ACA, Kris Kendell



 $\label{project:Project:Conservation Potential of Fish Passage Barriers for Native Trout photo: ACA, Jason Blackburn$

3.3 Fisheries

Our Fisheries Program helps sustain the ecological integrity of Alberta fish populations and their habitats, while ensuring recreational angling opportunities are maintained for future generations. Lake aeration and fish stocking projects create recreational fisheries in areas of the province where such opportunities do not otherwise exist.

The lakes we aerate are prone to both summer and winter fish kills due to low dissolved oxygen (DO) but through aeration we maintain DO at levels that promote year-round survival of stocked trout. Each year, ACA receives several requests for new lake aeration projects across the province. Given the substantial cost associated with aeration, we carefully screen requests, including field surveys where data is lacking, to ensure that we address AEP provincial-level priorities. Hasse Lake is a new addition to our aeration project. Since 2015, we have worked with AEP and other partners to restore its collapsed trout fishery. In the spring and fall of 2020, AEP stocked Hasse Lake with rainbow and tiger (fall only) trout, eight years after the lake was last stocked, and we commenced winter aeration in October. In addition, we provide technical and material support to the County of Two Hills in developing winter aeration on Jackfish Lake.

Stocked fish populations are an important component of Alberta's recreational angling experience. In 2021/22, we increase the number of trout we stock by 17,000 over previous years. We stock over 122,000 catchable-sized (i.e., 20 cm) rainbow, brown and brook trout into 59 ponds, creating "put-and-take fisheries" that allow anglers to harvest up to five fish per day. In addition, for the first time, we plan to stock six ponds with yellow perch from donor lakes and explore the feasibility of stocking channel catfish. Some of the ponds we stock do not support trout survival beyond mid-summer due to poor water quality, particularly low dissolved oxygen and high temperatures. Consequently, we have been seeking alternatives to trout for these ponds. From an extensive review of seven cool- and warmwater sport fish candidates we undertook in 2020, we identified yellow perch and channel catfish as the best alternatives for ponds with marginal trout habitat. Yellow perch are native to

the province, so their stocking is anticipated to be relatively straightforward. Channel catfish do not currently occur in Alberta so the cultural, social, and ecological implications of their introduction need to be assessed. Most stocked ponds are close to towns and cities, making them popular family destinations and ideal for the recruitment of new anglers.

Effective management of recreational fisheries requires accurate information on resource use. Our angler surveys describe angler demographics, effort, catch, and harvest at popular Alberta fisheries. This information is required by AEP fisheries managers and forms the basis for management and fishing regulation changes. This year's surveys evaluate the effects of various harvest manipulations and fishing regulation changes at select walleye and northern pike fisheries.

Over the past several decades, various anthropogenic activities have resulted in habitat degradation and population decline for most sport fish species across the province of Alberta, including native trout and whitefish. Several of our projects in 2021/22 aid in implementation of the provincial Native Trout Recovery Program, as well as support the development of management plans for priority species. Projects in the McLeod, Ram, Bow, Oldman, Livingston, Narraway and Muskeg river systems variously determine: the distribution, abundance, spawning, and habitat of native trout species, the potential of fish passage barriers to serve as conservation agents for native trout, and the potential for streams and lakes to support westslope cutthroat trout range expansion.

Overall, our project complement reflects the emphasis of our Fisheries Program on the enhancement and diversity of recreational fishing opportunities across the province, as well as generating information required for the development of provincial and federal conservation initiatives, particularly targeted at sport fish species. Successful implementation of Fisheries Program activities involves the support of numerous partnerships consisting of provincial and federal governments, industry, non-governmental organizations, counties/municipalities, and other interested groups.

Table 9: Fisheries Projects for 2021/22

Project		Primary Purpose	Expected Outcomes
Lake Aeration ACA Partner Total	\$410,644 \$24,000 \$434,644	Create or enhance recreational angling opportunities for Albertans by aerating lakes to promote year-round survival of stocked fish.	Reduce risk of summer and winter kills of stocked trout in 21 waterbodies distributed within ACA regional boundaries as follows: Northwest Region (seven waterbodies): Cecil Thompson Pond and Figure Eight, Swan, Sulphur, Spring, East Dolla and West Dollar lakes. Central Region (eight waterbodies): Beaver, Mitchell, Fiesta, Birch, Ironside, and Winchell lakes, Hansen's Reservoir and Kerbe's Pond. Southern Region (one waterbody): Coleman Fish and Game Pond. Northeast Region (five waterbodies): Radway Pond,
New Lake Aer	ation	Explore additional aeration	Muir, Spring, Millers and Hasse lakes; Hasse Lake is a new addition from the fall of 2020. On-going
Development	•	opportunities across the province.	severity of fish kills, water quality data (particularly nutrients and dissolved oxygen profiles); lake depth and size; proximity to electrical power, roads, and major population center. On-going
ACA	\$47,745		
Partner	\$0		
Total	\$47,745		and dissolved oxygen profiles); lake depth and size; proximity to electrical power, roads, and major population center.
Fish Stocking		Stock trout into waterbodies to	Stock approximately 122,803 (20 cm) trout, consisting of
ACA	\$348,818	provide Albertans with recreational angling opportunities in areas of	to electrical power, roads, and major population center. On-going
Partner	\$32,750	the province where such fishing	
Total	\$381,568	opportunities do not otherwise exist.	
Fish Stocking Yellow Perch	•	Expand scope and diversity in fish stocking activities to complement currently stocked trout.	Stock yellow perch into six ACA fish ponds with marginal trout habitat. Candidate ponds are Lamont, Mirror, East Stormwater, Legal, Two Hills, and Bow City.
ACA	\$70,618	,	Transfer yellow perch from AEP-approved donor lakes.
Partner	\$0		Evaluate population abundance and survival of yellow perch
Total \$70,618	\$70,618		 post stocking. Use trail cameras to determine angling effort and presence avian predators. Monitor water quality at all stocked ponds.
			On-going – NEW FOCUS
Fish Stocking Channel Catfi		Expand scope and diversity in fish stocking activities to complement	Address any issues arising from application to the Alberta Introductions and Transfers Committee for importation and
ACA	\$32,557	currently stocked trout.	trial stocking of channel catfish.
Partner	\$32,337 \$0		Identify growers of sterile channel catfish and establish agreements to supply ACA for stocking.
Total	\$32,557		Pre-stocking assessment of candidate receiving waterbodies.
			On-going – NEW FOCUS

Fish Stocking Ex New Lakes ACA Partner Total	\$32,037 \$0 \$32,037	Identify and evaluate new waterbodies for stocking to increase recreational fishing opportunities, particularly close to urban areas.	 Evaluate, and where suitable, stock candidate waterbodies identified in 2020/21, including Chestermere, Barnwell Reservoir (Taber Irrigation District) and Boulder Lake. Collaborate with local AEP Bios towards development of two borrow pits along Hwy 63 near Ft. McMurray. Continue to identify potential candidate waterbodies (including stormwater ponds and borrow pits) for screening. Continue partnership discussions with local communities and organizations such as Alberta Transportation, EPCOR, AFGA, etc. to identify and enhance existing waterbodies or construct new ones for recreational fishing. On-going
Fish Pond Rehabilitation ACA \$75.412		Improve water quality and physical characteristics of select stocked	Conduct pilot alum treatment on Westlock Pond to examine potential of alum to control phosphorus levels, as well as
	\$75,412	ponds. Examine potential of alum to improve dissolved oxygen	improve summer and winter dissolved oxygen conditions.
Partner	\$0	conditions in treated ponds.	Collect baseline summer and winter water quality data in five additional ponds as part of a BACI experiment to determine if
Total	\$75,412	F	alum treatment improves winter dissolved oxygen.
			On-going – NEW FOCUS



Project: New Lake Aeration Development photo: ACA, Logan Redman

Project		Primary Purpose	Expected Outcomes
Effectiveness Fishing Regu ACA Partner	\$138,096 \$138,096	Evaluate effect of different harvest strategies at select walleye and northern pike fisheries.	Assess impacts of angling effort, harvest and angler perspective on fisheries under different harvest regimes. Candidate lakes are Lac Ste. Anne, Pigeon, Buck, and Gull. Use of data by AEP to inform evaluation of harvest management strategies for walleye and pike fisheries. On-going
Fish Stocking		Evaluate fish population	Use trail cameras to estimate angler effort at select stocked
		demographics and fishing pressure	ponds.
ACA	\$52,520	at ACA stocked ponds.	Determine abundance of stocked fish population in select
Partner Total	\$0 \$52,520		ponds. Describe size-structure and relative abundance of yellow perch
			in Heritage, Don Sparrow and Taber ponds. On-going
Applied Rese	earch		
Project		Primary Purpose	Expected Outcomes
East Slopes F Inventory ACA Partner Total	\$79,806 \$27,850 \$107,656	Describe fish abundance, distribution, and stream habitat in areas of mutual interest to provincial resource managers and industrial partners with emphasis on priority fish species and watersheds/HUCs.	 Describe fish abundance, distribution, and stream habitat in the Upper McLeod River watershed to provide current fisheries information to aid in development of conservation and management plans. Collaborate with partners from industry working in the Upper McLeod River HUC 8 to identify data gaps in fisheries information. Year 5 of 6
Owl River Fish Habitat Protection		Restoration and protection of Owl River riparian and fish habitat.	Water quality and aquatic habitat assessment. Determine fish and macroinvertebrate community
ACA	\$12,073		composition.
Partner	\$232,606		Determine abundance of walleye spawning run and spawning success.
Total	\$244,679		1 Year
Implementa	tion of Approved	Fish Species Recovery and Managem	ent Plans
Project		Primary Purpose	Expected Outcomes
Conservation	Potential of Fish iers for Native \$43,769	Determine conservation potential of fish passage barriers in the Red Deer, North Saskatchewan, upper Athabasca, and Peace river	Conduct field surveys to assess, classify and rank fish passage barriers in Muskeg and Narraway river sub-watersheds to aid ir the development of strategies for bull trout and Arctic grayling conservation.
Partner	\$43,769	watersheds.	Compile existing and new data sets, including photos, on fish passage barriers into a single database.
Total	\$60,769		Year 3 of 3
Westslope Cu Population a Monitoring	atthroat Trout nd Habitat	Monitor westslope cutthroat trout (WSCT) population responses in priority HUC10 watersheds to land- use management changes under	Determine distribution, abundance, and population structure of WSCT in four high priority HUC10 watersheds in the upper Oldman system: upper Oldman and Livingstone rivers and Dutch and Hidden creeks.
ACA	\$75,959	the new Livingstone-Porcupine Hills	Year 4 of 5
Partner	\$29,135	Recreation Management Plan.	

Ram River Bull Assessment ACA Partner Total	\$54,482 \$32,000 \$86,482	Determine abundance of native trout in response to management actions in priority HUCs as part of the Native Trout Recovery Program.	 Describe relative abundance of bull trout in tributaries to the lower Ram River. Estimate the number of adult (i.e., >249 mm FL) bull trout exiting Fall Creek post-spawn. Estimate the number of bull trout redds and associated observer error in Fall Creek; identify spawning locations in Ram River. Year 4 of 5
Westslope Cutt Range Expansi ACA Partner Total		Evaluate streams and lakes above fish passage barriers for potential WSCT range expansion.	 Develop a range expansion framework for WSCT using concepts of conservation translocation and modified scoring systems developed for bull trout. Rank feasibility of WSCT range expansion for habitats and communities upstream of barriers based on scores calculated using the framework above. Complete range expansion feasibility scores on a short-list of uninhabited candidate waterbodies. Provide AEP managers with a master table that ranks feasibilities of WSCT translocation sites based on habitat and community metrics. Year 2 of 4
Fish Barriers in Drainage ACA Partner Total	\$74,051 \$30,000 \$104,051	Determine conservation potential of fish passage barriers in the drainage. Identify barriers isolating genetically pure populations of WSCT and/or potential habitats.	Complete assessments of all catalogued barriers in the Bow River Watershed. Prioritize catalogued fish barriers in the Bow River watershed for assessment and range expansion feasibility. Year 2 of 2



Project: Westslope Cutthroat Trout Population and Habitat Monitoring photo: ACA, Jason Blackburn



Project: Riparian Conservation photo: ACA, Garret McKen

3.4 Land Management

Our Land Management program focuses on conserving, protecting, and enhancing wildlife and fish habitat. We also promote the recreational value associated with conserved land. We recognize the importance of collaborative partnerships and consider our partners an integral component of our Land Management Program. These partnerships require ongoing communication with a variety of conservation organizations and stakeholder groups.

The main components of ACA's Land Management Program are securement, enhancement, and management of fish and wildlife habitat, including inventory, assessment, enhancement, and monitoring of conservation sites and other habitat initiatives. We secure important wildlife and fish habitat within 28 focal areas in Alberta—for our enjoyment now and for generations to come. We use several methods to conserve land including direct purchase, land donations, and habitat lease agreements.

We currently manage over 210,000 acres of habitat within Alberta. This includes fisheries access sites, managed Crown properties, ACA-titled lands, lands with conservation easements, and other habitat type projects. Management involves restoring and enhancing a variety of habitat, controlling invasive species, maintaining infrastructure, addressing industrial referrals, and installing new signage on all ACA conservation sites. Management of our conservation sites is directed through detailed management plans that provide short- and long-term objectives to achieve our conservation goals.

Enhancement of riparian habitat is another focus of our Land Management Program, using techniques to restore and enhance riparian habitat in priority drainages. We use a host of tools to enhance and protect riparian habitat, including streambank fencing, off-channel watering, bank stabilization, education and outreach, and habitat retention agreements. Success of our riparian program is attributed to collaborative partnerships with private landowners, watershed groups, industry, federal, provincial, and municipal governments, and a variety of granting agencies and other stakeholders.

Securement, enhancement, and management of recreational opportunity initiatives are an integral component of our Land Management Program. We currently manage and maintain 26 fisheries access sites across the province, providing angling opportunities to a variety of rivers, lakes, and stocked ponds. We are also in our fourth year of our "Recreational Opportunity Enhancement project" which looks at increasing and enhancing hunting and angling opportunities. A key component of this project is to explore opportunities to connect hunters with landowners who experience elk or deer depredation. Another focus is to expand a hunter access sign-in system within southern Alberta, and expand the program to other areas of the province.

The *Alberta Discover Guide*, and iPhone and Android apps, developed with ACA's Communications Program, are important tools that highlight the value of habitat conservation and the diversity of recreational opportunities available to Albertans. The 2020 edition is the 13th installment and features over 789 ACA and partner-owned sites across the province including 345 sites owned by Ducks Unlimited Canada and 102 by Alberta Fish & Game Association.

Another focus is the "Use Respect–Ask First" program that fosters respect between land users and landowners, by offering signage and increasing responsible access to privately owned lands. This program is delivered under our various land management projects.

Our conservation efforts focus on habitat conservation as well as an added benefit of providing a diversity of recreational opportunities such as hunting, fishing, photography, hiking, berry picking, and wildlife viewing for Albertans and our visitors.

Table 10: Land Management Projects for 2021/22

Project		Primary Purpose	Expected Outcomes
Conservation S Management ACA Partner Total	\$515,776 \$195,716 \$711,492	Manage, enhance, and maintain ACA conservation sites to provide a diversity of habitat for a variety of fish and wildlife species and provide recreational opportunities on ACA and partner-owned conservation sites.	 Manage, enhance, and maintain over 210,000 acres of habitat on over 300 conservation sites in the province. Complete inspections on at least 50 percent of ACA managed conservation sites. Install new signage on three ACA conservation sites. Enhance wildlife and fish habitat on ten conservation sites. Maintain and develop collaborative partnerships that assist with achieving management goals on conservation sites. Enhance sustainable recreational opportunities on ACA-owned and managed sites (barriers to unauthorized access, parking areas, v-gates, pheasant release sites, etc.). Continue to work collaboratively with AEP on a disposition process for management of priority Crown conservation sites (title/ dispositions/divestment). Continue to develop guideline documents for permitted and non-permitted activities on conservation sites. Continue to advertise and promote conservation sites to stakeholders and general public using print and electronic newsletter (e.g., ACA website, Conservation Magazine, Alberta Discover Guide, electronic newsletter, social media, and conservatio site signage).
Habitat Secure ACA Partner Total	\$169,420 \$35,000 \$204,420	Identify and conserve high- priority wildlife and fish habitat using ACA's Habitat Securement Fund and through collaboration with other conservation partners.	Secure 750 acres of important wildlife and/or fish habitat through land purchase and land donations within focal areas. Maintain a collaborative partnership with Environment Canada's Habitat Stewardship Program (Species at Risk and Prevention Stream) to conserve SAR habitat in South Saskatchewan River Watershed. Maintain, enhance, and expand other securement partnerships, an conserve important habitat within focal areas across Alberta. Increase sustainable recreational opportunities across the province. Collaborate with government on conservation offset program where applicable. Apply to applicable grants to enhance securement opportunities (e.g. Land Trust Grant).
Corporate Parti (Securement) ACA Partner Total	\$31,006 \$0 \$31,006	Conserve, enhance, and restore priority wildlife and fish habitat with corporate partners.	Secure 320 acres of important wildlife and/or fish habitat through direct land purchase within focal areas. Maintain and expand current corporate partnerships. Increase the number of corporate partners actively donating to ACA. Increase sustainable recreational opportunities across the province On-going

Program (LHP)	
ACA	\$169,648
Partner	\$34,592
Total	\$204,240

Landowner Habitat

Conserve important habitat and increase recreational opportunities on privately owned lands through habitat lease agreements and Use Respect – Ask First signage.

- Conserve an additional 320 acres of important wildlife and fish habitat using five- to 20-year term habitat retention agreements.
- Continue to inspect and monitor existing LHP agreements.
- Enhance sustainable recreational opportunities on deeded lands with reasonable public access requirements.
- · Foster respect between land users and landowners.
- Increase awareness and enhance hunting and angling opportunities on privately owned lands across Alberta by distributing Use Respect— Ask First signage
- Display Use Respect—Ask First banners within ACA Regions to promote Use Respect—Ask First signage (government and municipality offices, trade shows, etc.)

On-going

Riparian Conservation

- NE Riparian Conservation
 Owl River
- 2. NW Riparian Conservation Beaverlodge River
- 3. South Riparian Conservation Todd Creek
- 4. Central Riparian
 Conservation
 North Raven and Raven
 Rivers, Dogpound Creek

ACA	\$181,704	
Partner	\$431,617	
Total	\$613,321	

Continue to enhance, restore, and protect riparian habitat through collaboration with private landowners, watershed groups, government, industry, and other stakeholders.

- Establish four new riparian conservation projects and associated landowner agreements (e.g., fencing, off-channel watering, habitat retention agreements, tree planting, bank stabilization, etc.).
- · Continue to inspect and monitor existing riparian agreements.
- Explore opportunities to expand riparian conservation programming in the various regions.
- Increase public interest and awareness of riparian conservation through community outreach, public presentations, direct contact with key landowners, signage, and advertisements.
- Complete riparian health assessments and inventories at new and existing project locations and conduct water sampling to monitor water quality.
- · Participate in watershed groups, councils, and stewardship networks.
- Continue to explore the option of ACA becoming involved in wetland restoration and examine the opportunity of a wetland banking system.
- Increase angling opportunities on private lands with reasonable public access requirements.

On-going



Project: Landowner Habitat Program photo: ACA, John Hallett

Development and Implementation of Habitat Management Plans			
Project	Primary Purpose	Expected Outcomes	
Management Plan Development ACA \$109,608	Develop management plans for conservation sites ACA owns or manages.	Develop habitat management and enhancement objectives and identify project partner roles and responsibilities for priority conservation sites. Complete management plans on 100 percent of titled lands acquired	
Partner \$0 Total \$109,608		in 2019/20. Prioritize and develop management plans for priority Crown conservation sites (sites with dispositions).	
		Work with partners and update management plans as required. On-going	

Securement, Enhancement, and Management of Recreational Access sites

Project		Primary Purpose	Expected Outcomes	
ACA Partner Total		Maintain and enhance fisheries access sites that support and increase recreational angling opportunities across the province.	 Manage and maintain 23 fisheries access sites across the province Continue with maintenance contracts at fisheries access sites. Continue to work on securing and developing two new fisheries access sites (Boulder Lake and Chestermere Pond) Continue to work collaboratively with AEP on Crown Fisheries Access sites (disposition/title option). Continue providing access for anglers to key streams, rivers, lakes, and trout ponds. Maintain and develop collaborative partnerships to assist with maintenance costs associated with managing fisheries access sites. Collaborate with AEP and ACA's Fisheries Team to identify and create new angling opportunities and develop new Fisheries Access sites. Continue to complete minor maintenance on agreed-to water control structures. On-going 	
Recreational Enhancement ACA Partner Total	\$46,124 \$0 \$46,124	Increase opportunities for hunting and angling, as well as other non-consumptive activities such as hiking, canoeing, or photography.	 Expand the access sign-in process currently employed in Southern Alberta. Explore the use of seasonal or permanent leases to allow for access to Crown waterbodies across private land. Collaborate with AEP, AFGA, landowners, and other stakeholders. On-going 	
	over Guide allocated within cations Program.	Promote the value of habitat conservation and the diversity of recreational opportunities available on ACA-owned and partner conservation sites.	Continue to promote and distribute the Alberta Discover Guide. Review and update the conservation site database with new ACA conservation sites and partner-owned properties for the 13th edition of the Discover Guide (2020). On-going	

4.0 Report A Poacher

In 2021/22 ACA will add a new partner, Alberta Hunter Education Instructors' Association (AHEIA), to aid in the delivery of the Report a Poacher (RAP) Program. While ACA will continue to be responsible for administering program funds and promotional activities, AHEIA will take on the role of running the RAP education trailer and interacting with the public at tradeshows and other public events. As part of the RAP Program, ACA and AHEIA will work with Alberta Justice and Solicitor General - Fish and Wildlife Enforcement

Services - Sheriffs Branch (AJSG), as well as AEP to ensure RAP retains a high profile and remains an important resource for the general public. As such, in 2021/22, we will continue to:

1) identify ways to educate the public about poaching in Alberta, 2) refine various promotional aspects of the program, 3) improve public awareness of, and access to, the program, 4) support AJSG with funding, and 5) provide funds for cash rewards to members of the public who help in charging poachers.

Table 11: Report A Poacher Projects for 2021/22

Project	Primary Purpose	Expected Outcomes
Report A Poacher Promotion ACA \$196,253 Partner \$0 Total \$196,253	Continue promotion of the RAP Program. Provide support for the RAP toll-free phone line.	 Increase public awareness and understanding of poaching and maintain/increase use of RAP Program by the general public through: Using various media to increase the general exposure of the RAP Program. Maintaining RAP education trailer and making available for use by AJSG and AEP. Maintaining sufficient stock of promotional items used for trade shows and community/stakeholder events, as well as research new items that maximize exposure. Ensure the RAP toll-free line has an operator available at all times, with increased capacity during peak periods.
Enforcement Funding	Provide funding to AJSG.	· Assist in maintaining effectiveness of AJSG.
ACA \$80,000		
Partner \$0		
Total \$80,000		
RAP Rewards	Provide funding for rewards paid to members of the public who provide	Increase public participation in the RAP Program through monetary incentives.
ACA \$80,000	information leading to a poaching-	monetary intentives.
Partner \$0	related conviction.	
Total \$80,000		



5.0 ACA Grants

ACA has three separate grants that are available through open competition.

ACA Conservation, Community, and Education Grants support conservation activities in Alberta by individuals (with appropriate insurance coverage), organizations, and communities that contribute 1) to fish and wildlife population conservation and the conservation or enhancement of wildlife and fish habitats, or 2) to the understanding, appreciation, and use of the natural environment. Projects that increase participation in, and awareness of, outdoor opportunities, while developing knowledge and respect for conservation, are funded through this grant.

ACA Research Grants fund high-quality research projects on wildlife, fish, and habitat that inform the effective management of wildlife and fish populations or habitat in Alberta. These grants are generally applied for by professional researchers, but are available to any individual, organization,

or community, with the exception of Federal or Provincial Government employees and ACA staff, that can provide a high-quality research proposal.

ACA Grants in Biodiversity provide research funds to outstanding graduate students doing Alberta-based research. The mandate of the program is to train future conservation professionals, while at the same time increasing knowledge of the flora and fauna of Alberta, covering broadly the fields of biodiversity, conservation biology, ecology, and social sciences. This grant is available only to graduate students undertaking research within Alberta (they may be attending universities outside of the province, but their research must be Alberta-based).

A fourth grant, the ACA Chair in Fisheries and Wildlife Grant is made available to ensure the ACA Chair in Fisheries and Wildlife is able to provide a link between academic research and ACA and other resource management personnel.



Project: ACA Grants in Biodiversity photo: University of Alberta, Melanie Mullin

Table 12: Grants Program for 2021/22

Project	Primary Purpose	Expected Outcomes			
ACA Conservation, Community, and Education Grants ACA \$970,000 Partner \$0 Total \$970,000	ACA Conservation, Community, and Education Grants fund conservation activities by individuals (with appropriate insurance coverage), organizations, and communities that contribute to healthy wildlife and fish populations, to a healthy environment for wildlife and fish in Alberta, and to the understanding, appreciation, and use of that environment. This grant program will also fund projects which increase the level of attendance and awareness of outdoor opportunities, while developing knowledge and respect for conservation.	 Increase in quality and quantity of habitat available for wildlife, especially Alberta's endangered species and fish populations. Engagement of Albertans in stewardship activities. Increase in fishing opportunities in Alberta. Greater understanding of the impact of non-native species on native species in Alberta. Increase in numbers of active hunters, anglers, and trappers and increased awareness of hunting/fishing/trapping opportunities in Alberta. Increase in awareness of conservation issues in Alberta and the relationship between conservation and hunting, fishing, and trapping. 			
ACA Research Grants ACA \$330,000 Partner \$0	ACA Research Grants funds high- quality research projects on wildlife, fish, and habitat which inform the effective management of wildlife and fish populations, and habitat	 Provide a scientific basis for natural resource management in Alberta, including: aiding the recovery of Alberta's endangered species and clarifying the status of data deficient species; developing inventory tools to determine relative density and range of ungulates; assessing impact of non-native species on 			
Total \$330,000	in Alberta.	native species; evaluating the social demographics of hunting and angling; and investigating methods to reduce spread/impact of wildlife or fish related diseases, to name a few.			
ACA Grants in Biodiversity	ACA Grants in Biodiversity support	· Increase in knowledge of Alberta's heritage of living resources,			
ACA \$175,000	the training of future professional researchers and facilitate graduate student research that focuses on the	 specifically the flora and fauna. Promote the development of highly qualified, Alberta-based conservation biologists and researchers. 			
Partner \$50,000					
Total \$225,000	conservation of Alberta's biological diversity.	Support high-quality research and study in Alberta by gradual students, with an average of 20 students supported annually.			
ACA Chair in Fisheries and Wildlife at the U of A	Provide educational initiatives to wildlife professionals through the	Maintain a close connection between the ACA Chair and ACA programs.			
ACA \$20,500	ACA Chair.	 Ensure research knowledge is being transferred to biologists involved in conservation, management, and policy development. 			
Partner \$0					
Total \$20,500					



Project: Wildlife Predator Compensation photo: ACA, Sam Vriend

6.0 Compensation and Damage Prevention

Compensation and Damage Prevention consists of the Waterfowl Crop Damage Prevention Program, the Wildlife Predator Compensation Program, and the Shot Livestock Compensation Program. ACA is responsible for the administration and implementation of these programs in Alberta.

Waterfowl Crop Damage Prevention Program

This program assists agricultural producers to help prevent depredation losses to crops caused by waterfowl, by providing information on loss-prevention techniques and scare cannons. These activities complement the joint federal-provincial financial compensation program, which requires that a prevention program be provided in order for agricultural producers to qualify for compensation funding.

Wildlife Predator Compensation Program

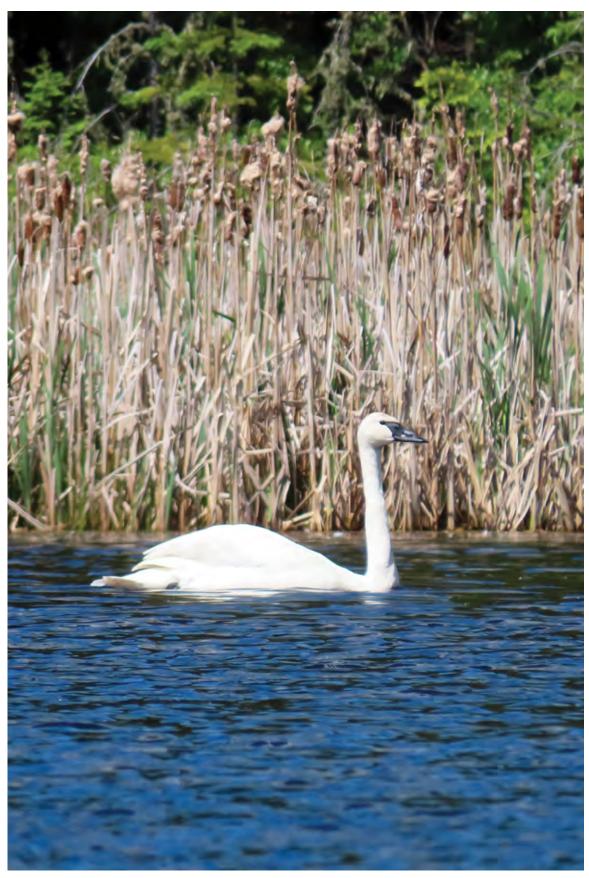
This program provides financial compensation to agricultural producers who have incurred losses to livestock (cattle, swine, sheep, goats, and bison) because of predation by wildlife (bears, wolves, cougars, or eagles). Assessment of losses is undertaken by AJSG. ACA is responsible for making the compensation payments to the agricultural producers as per a set payment schedule. In 2021/22, the federal government will continue to supply 48 percent of the funding required for compensation payments.

Shot Livestock Compensation Program

This program provides financial compensation to agricultural producers who have incurred losses to livestock because of accidental shooting by third parties during an open hunting season. Compensation covers losses of horses and livestock covered under the predator program, as well as veterinary costs for wounded animals. Assessment of the losses is undertaken by AJSG, while ACA is responsible for making the compensation payments to the agricultural producers as per a set payment schedule.

Table 13: Compensation and Damage Prevention Projects for 2021/22

Project		Primary Purpose	Expected Outcomes			
Waterfowl Crop Damage Prevention		Provide assistance to agricultural producers in preventing crop depredation losses as a result of	Provide access to information on techniques for reducing crop depredation to agricultural producers.			
ACA	\$9,976	waterfowl.	Ensure the prevention program meets requirements so that Alberta's agricultural producers qualify for the joint federal-			
Partner	\$500		provincial compensation program.			
Total	\$10,476					
Wildlife Predator Compensation		Reimburse livestock producers for losses or injury to specified livestock because of predation by wolves,	Provide compensation payments within 30 days of receiving processed claims from AEP.			
ACA	\$300,000	cougars, grizzly bears, black bears,				
Partner	\$300,000	or eagles.				
Total	\$600,000					
Shot Livestock Compensation			Provide compensation payments within 30 days of receiving processed claims from AEP.			
ACA	\$15,000	by a third party during an open				
Partner	\$0	hunting season.				
Total	\$15,000					



Sulphur Lake Conservation Site: Trumpeter Swan photo: ACA, Nikita Lebedynski

7.0 Monitoring and Accountability

On time, on budget, highest quality, and done safely continue to be the cornerstones by which we measure every project.

Project leads are responsible for providing monthly updates to their manager who reports results to the Management Team, ensuring projects are on track. These updates allow us to address and resolve any issues in a timely manner. In addition, project leads prepare annual summary reports that are posted on our website by April 30 each year. These summary reports are reviewed as part of an internal quality control process and then are reviewed externally. Posting our reports on the website allows our stakeholders to assess the quality of our work. Whether praise for a job well done or constructive criticism on how to improve our work, we encourage stakeholder feedback.

We assure financial accountability through a number of processes, including internal controls and a yearly external audit. We also make all financial statements available to the public on our website. Our *Annual Report* is released each September to AEP, our member groups, and to the general public. This document clearly and concisely outlines the projects we have completed, the funds we have spent, and the results we have produced. It is this document that our stakeholders should review to ensure that we are providing good conservation value.

Perhaps the most important monitoring and accountability process is our staff, who are always willing to engage with our partners, stakeholders, and the general public about our organization, our work, and our projects. We pride ourselves on being open and transparent and willing to answer questions about any of our projects.

8.0 Financial Summary

Our 2021/22 operating budget, including projected land donations and funds donated for land purchase, is \$18,631,663.

In accordance with the *Canadian Institute of Chartered Accountants Standards and Collection Handbook*, our year-end financial statements for land donations and funds donated for land purchase are presented as assets, rather than revenue. However, showing these partner donations in our annual budget fairly represents the next 12 months of work and our efforts to increase conservation activities through non-levy funding.

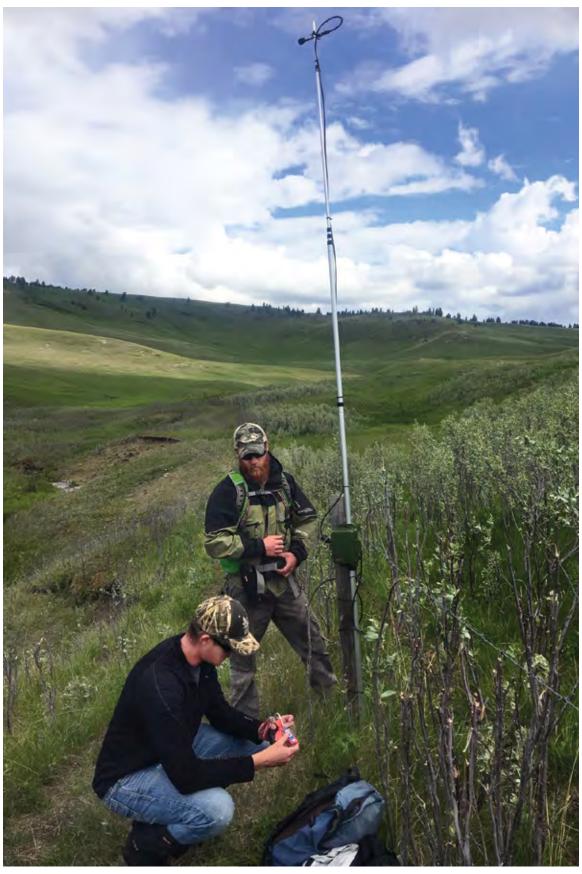
Our 2021/22 budget is based on a levy revenue projection of \$14,774,039 (established from

historical levy revenues over the past 5 years), a projection of partner (non-levy) revenue for projects of \$2,857,624 and a projection of partner (non-levy) donations of land or funds for land purchase of \$1,000,000.

\$14,492,283 is allocated to Wildlife, Fisheries, Land Management (including land purchase and donations), Information, Education, and Communications, RAP, Grant, and Compensation programs. This amount is equivalent to 98.09 percent of the levy revenue value collected from hunters and anglers being put directly back into our natural resources.

Table 14: Summary Budget for 2021/22

Program	ACA (Levy Funds)	Partner Funds	Total Budget
Administration	\$2,163,192	\$41,998	\$2,205,189
Finance	\$635,937	\$41,000	\$676,937
Business Development	\$403,781	\$5,000	\$408,781
Human Resources	\$276,411	\$0	\$276,411
Health and Safety	\$133,821	\$0	\$133,821
Information Technology	\$438,240	\$0	\$438,240
Information, Education, and Communications	\$1,330,189	\$135,625	\$1,465,814
Wildlife	\$2,788,594	\$985,285	\$3,773,879
Fisheries	\$2,087,719	\$519,507	\$2,607,226
Land Management	\$1,918,075	\$778,709	\$2,696,784
Report A Poacher (RAP)	\$356,253	\$0	\$356,253
Compensation and Damage Prevention	\$324,976	\$300,500	\$625,476
Grants	\$1,566,851	\$50,000	\$1,616,851
Subtotal Budget	\$14,424,039	\$2,857,624	\$17,281,663
Land Donations and Funds for Land Purchases	\$350,000	\$1,000,000	\$1,350,000
TOTAL BUDGET	\$14,774,039	\$3,857,624	\$18,631,663



Project: MULTISAR photo: ACA, Doug Manzer



wildlife | fish | habitat

Board of Directors

Executive

Bill Abercrombie, Chairman - Alberta Trappers' Association

Robert Gruszecki, Vice Chairman - Alberta Hunter Education Instructors' Association

Sandra Mellon, Treasurer - Public At Large, Northwest Region

Greg Shyba, Secretary - Public At Large, Central Region

Directors

Ken Ambrock - Northern Board Liaison

Tom Bateman - Director Emeritus

Dr. Mark Boyce - ACA / University of Alberta Chair in Fisheries and Wildlife

Fred Calverley - Trout Unlimited Canada

Randy Collins - Alberta Fish & Game Association

Robert Grandjambe - Public at Large, Indigenous Liaison

Dr. Brian Joubert - Nature Alberta / Academic Representative

Patrick Long - Director Emeritus

Perry McCormick - Pheasants Forever

Matthew Mellon - Wild Sheep Foundation Alberta

Chuck Priestley - Public At Large, Northeast Region

Travis Ripley - Minister's Representative, Alberta Environment and Parks

Jeana Schuurman - Alberta Professional Outfitters Society

Richard Stamp - Public At Large, Southern Region

Vacant - Public At Large, Business Representative

Vacant - Treaty 8

Brent Watson - Alberta Bowhunters Association

Todd Zimmerling - President and CEO, Alberta Conservation Association

Member Groups

Alberta Bowhunters Association

Alberta Fish & Game Association

Alberta Hunter Education Instructors' Association

Alberta Professional Outfitters Society

Alberta Trappers' Association

Nature Alberta

Pheasants Forever, Alberta Council

Treaty 8 First Nations of Alberta

Trout Unlimited Canada

Wild Sheep Foundation Alberta























wildlife | fish | habitat

www.ab-conservation.com