



Agroforestry and Woodlot Extension Society

Annual Report for 2018–2019

www.awes-ab.ca





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AGM 2019 Agenda

**Agroforestry & Woodlot Extension Society
Annual General Meeting 2019
June 21, 2019
Joussard Hall, Big Lakes County**

Chair: Nancy Mayo, President

Business Meeting Agenda:

1. Introduction(s)
2. Determination of Quorum
3. Acceptance of Agenda
4. Approval Minutes 2018 AGM
5. President report
6. Brief staff report
7. Financial report
8. Auditor appointment
9. Election of Board Members
10. Special resolutions
11. Set Board meetings 2019-2020
12. Questions
13. Adjourn

Full Day Schedule:

- | | |
|---------------------|--|
| 9:00am – 10:30am – | 2019 AGM business meeting |
| 10:45am – 11:45pm – | AWES Program (extension/partnerships and projects) |
| 11:45am – 12:15pm – | Lesser Slave Watershed- Meghan Payne |
| 12:15pm – 1:15pm – | Lunch catered by Big Lakes County |
| 1:15pm – 3:30pm – | Tour of Private Woodlot Management-Con Dermott-guide |



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2018–2019 President Report

Greetings Everyone!

As we say goodbye to the frigid winter weather and celebrate summer temperatures, there is much activity going on within AWES. The Board of Directors met in April to adopt amendments to the existing bylaws; some of the changes were small additions but the deletion of bylaws 6.1.4.2, 6.1.4.3 and 6.1.4.4 were critical to AWES moving forward. With 4 director positions up for election, along with the position of President, removing those 3 bylaws limiting the 3 two-year terms opens the possibility of filling all vacant positions this year.

Thank you to Mikel Jackman for your diligent work to adapt the bylaws, expedite the process and get all documents submitted to Registries for approval. Well done!

Earlier in May we welcomed Rebekah Adams and Ian Cameron to the AWES team. Rebekah is the new Agroforestry Technician and Ian is the new Agroforestry Intern. I would like to give you a warm welcome from all of us.

As we welcome new staff, we say goodbye to Luke Wonneck. Luke has provided 3 years of excellent service to AWES and will be leaving at the beginning of July 2019 to further his studies. If you have not taken the opportunity to congratulate Luke on his new challenge of obtaining a Doctorate Degree at the University of Alberta please do so. He will be greatly missed by everyone associated with the organization and I wish him all the best in his upcoming endeavors.

Thanks to the hard work of Noel and Luke over the last 2 years; financially AWES has come a long way. Revenue has nearly doubled from \$305 thousand in 2017 to \$643 thousand in 2019. This clearly demonstrates how much AWES has grown as an organization.

Thank you to everyone who shared their knowledge, expertise and feedback throughout the last year. Without all of you AWES would not be the successful organization it is today. I want to encourage everyone to keep up the good work, stay safe and have a great 2019.

Nancy Mayo, B. Sc President



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2018-2019 Executive Director Report

AWES as an organization has grown considerably over the past several years. The program budget for 2019-2020 is almost double the program budget in 2017 and the number of projects has more than doubled; with a total of 35 projects for this year and potential for several more.

This year AWES has 5 staff (including myself) for the period of May/June and it is becoming apparent that level of staffing is necessary to deliver the spring 2019 program. It is very unfortunate for a variety of reasons that our numbers will go down to 4 at the beginning of July. We were fortunate to find a replacement for our bookkeeper of several years Gwen Flipsen, who left in December to take up residence in Dominican Republic. We hired Suzanne Skubleny to assume that role and she has created a tremendous difference to the financial management of the AWES projects and overall program. She has created a system for the AWES financial tracking process that in turn improves our ability to meet the organization commitments and client's need's.

We have also been fortunate to recently hire two new employees to assist in the AWES program. In April we successfully recruited both Rebekah Adams and Ian Cameron to the roles of Agroforestry Technician and Agroforestry Intern for the 2019-2020 year respectively. Rebekah brings to AWES a BSc in Biology from the University of Alberta and Ian has an Environmental Management degree from the University of Calgary.

The unfortunate part of organizational growth and change is losing very valuable members of the team. Luke Wonneck has decided to further his educational career and the organization is losing an extremely productive, dynamic and outgoing staff member. Luke has been instrumental in the past 3 years in expanding the program, developing new projects and helping keep the finances on track to bring the organization to a near balanced budget for 2018-19. All AWES members, partners and any individual that attended a workshop delivered by Luke and especially the Board and myself will sincerely miss Luke's contribution.

Since 2017 AWES has worked with many new organizations in both a partnership role and as a client to AWES. Since then AWES has expanded its client base at the municipal government level and has been partnering or providing an AWES service to 30+ different municipal areas in the province (as evidenced by the map in this report: Appendix III).

AWES has also been fortunate to provide the opportunity to deliver two lecture sessions in the winter term of the master's program at the University of Alberta. These two sessions focused on types of agroforestry activity in Alberta and provided the masters students an excellent overview of the shelterbelt/alley cropping management and also the work being done on enhancing field margins and riparian zones on agricultural lands in the province. AWES have since been requested to provide a similar educational lecture, and a field tour to the international student's course in August, 2019.

AWES recently began developing a project with the Center for Boreal Research a division of NAIT on establishing an alley cropping project. This project will involve multiple sites in Alberta being established to evaluate the benefits of alley-cropping for both soil productivity and carbon management. This project will involve a previously established demonstration site called Murdoch Lake and several others that will be used by CBR to be measured with the intent to complete 5-year measurement program funded and conducted by the CBR.

In summary AWES has become and will continue in the future to be a valued organization to our members, to partner organizations and as a leader in both extension/education and project delivery areas for forest management on the private land base in Alberta.

Noel St Jean, RPF: Executive Director



AWES Members

(As of May 2019)

Alberta Agriculture and Forestry
Alberta Conservation Association
Capital Power Corporation
County of Grande Prairie
Mercer-Peace River
Vanderwell Contractors Ltd.
Norbord Industries Inc.
Red Deer County
Parkland County
Brazeau County
Rocky View County
Lacombe County
Mountain View County
Northern Sunrise County
MD of Greenview No 16
Global Foundation for Social Harmony and Sustainable Development
Flagstaff County
Big Lakes County



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Approval: 2018 AWES Annual General Meeting Minutes

May 25, 2018 – Parkland County

May 25, 2018 – Keephills Hall, Parkland County

Attendance:

Members

Nancy Mayo, President – Grande Prairie County
Mikel Jackman, Past President – Daishowa Marubeni International – DMI
Roy Schmelzeisen, Vice President – Alberta Conservation Association
Krista Quesnel – Parkland County
Ken Lewis – County of Red Deer
Pieter van der Schoot – Independent
Matthew Kienapple – NorBord
George Greenhough – Capital Power
Conway Dermott – Vanderwell Contractors Ltd
Benjamin Misener –
Carla Ryant – AAFMP
Toso Bozic – Alberta Agriculture

Staff, Directors, and Guests

Noel St Jean–AWES
Luke Wonneck– AWES
Gary Bank –
Aimee Delaney – Red Deer County
Don Carr – Weyerhaeuser Ltd.

Call to Order – Nancy Mayo – President



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Meeting called to order at 9:05 a.m.

Introduction

All present introduced themselves, with a brief description of affiliation and involvement with agroforestry/woodlots and AWES.

Determination of Quorum

AWES has 13 members in good standing. Quorum requires 25% of members or 3 members (whichever is greater). 6 members were in attendance so a quorum was declared.

President's Report

Nancy provides a summary of her report that was included in the latest AWES newsletter (2017–2018 Annual Report). The goal of this society is to educate landowners and land managers in the different values they have or could create and assisting them to achieve this. When they find a healthy balance, it benefits all Albertans. It is also important to educate the general population on the importance of supporting landowners who choose to make good land management decisions. Land ownership is a great privilege but it comes with greater responsibility as the decision landowners make can impact everyone. So, I will just say thank-you to everyone who has contributed to AWES or the Woodlot Extension program. You have made Alberta a better place for all of us to call home.

Mikel Jackman, RPFT
Past-President

Staff Report

Noel St Jean, presented 2017–18 Executive Director Report (2017–18 Annual Report) and discusses the learning curve of managing the finances of a non-profit without a dedicated base budget and finding ways to improve the financial status of AWES. This past year was a year of change for both personnel but also work programs. Some multi-year programs came to an end but AWES was successful in being awarded



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several new multi-year programs. One program under the Watershed Restoration and Resiliency program for Alberta Environment and Parks will provide the opportunity to return AWES to the tradition of woodlot management at the same time as educating landowners on how to better manage the riparian areas and woodlots that exist on their lands. There will be more work to be completed on the AWES website, and existing programs like planting continue.

Financial Report

Ken reviews the 2017–2018 fiscal year end actuals (2017–18 Annual–Report). Questions arise about whether AWES will account for a website grant, with which work was completed but won't proceeds will not be realized until the fall, and about the nature of the unallocated expenses and profits.

After presenting the actuals, Ken announces his resignation.

Noel and Ken go through the unaudited financial statement. Noel has been working to reduce administrative time. Pieter suggests accounting for in-kind contributions of members. Noel commits to developing a system for tracking member's in-kind contributions to the organization.

Discussion occurred over the removal of the Capital Power deferred income which was allocated to the revenue stream for 2016–17. This had been approved by the Board at the March 2018 meeting and the auditor completed the process in the 2018 Financial Review statement.

Appointment of Auditor

Ken moved and Krista seconded that AWES maintain Gil Dubrul as our auditor for 2017–18.

Election – Members of the Board

Call for nominations

Aimee Delaney was nominated as Treasurer by Ken, seconded by Benjamin Misener



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Con Dermot, Pieter van der Schoot, and Roy Schmelzeisen were nominated for re-election by Nancy Mayo, seconded by Benjamin Misener

Each candidate gives a speech expressing their interest in nomination

There being no other nominations, the three nominations were acclaimed to the positions as board members Aimee as treasurer, Con, Pieter, and Roy having their terms continued.

Motion was set to elect directors VIA a silent ballot by Mikel Jackman, seconded by Benjamin Misener

Motion to allow members that have not currently paid but intend to pay their fee within the next month(s) to vote in election by Ken Lewis, seconded by Krista Quesnel

Motion To appoint Gary Bank and Carla Rhyant as scrutineers by Mikel Jackman, seconded by Benjamin Misener

Aimee Delaney, Roy Schmelzeisen, and Con Dermot were successful in election and are pointed as Directors for the 2018–2020 term.

Special Resolutions

None

Board meetings 2018– 2019

First board meeting scheduled for Friday September 14th, 2018 as initial date, with the remainder to be set by Board at that meeting.

Questions Discussion

Adjourn

Mikel moved we adjourn at 11:00 am.

Other Activities



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The post business portion of the meeting consist of reviewing the 2018 Proposed Program and Budget by Noel St Jean, after which was a presentation of a soil hydrology project being conducted by Dr Ivan Whitson.

The afternoon session was a field trip to the Genesse Mine to tour the reclamation activity and results.

Minutes AWES 2018 AGM 2018-25-05



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Financial Review

FINANCIAL REPORT FOR FISCAL YEAR 2018-2019

I've reviewed the financial material as provided by staff. A summary of the review follows.

1. Deficit. AWES have a few administration expenses that can't be coded to specific projects (\$4,000), however the staff has done a great job decreasing this amount from 2018's deficit of \$35,800.
2. AWES Unaudited Financial Statements for April 1, 2018 to March 31, 2019. Our review engagement report shows that our financial statements are appropriate, according to Gil Debrule, CPA.
3. Budget for 2019-2020: Staff will be presenting the AWES 2019-2020 budget at the AGM. Projected revenue for 2019/20 are \$643,000, with expenses of \$449,900 (leaving a surplus of \$193,000 – AWES staff will explain a breakdown of funds to be carried-over, returned to funder, or unrestricted funding) at the end of the 2019/2020 fiscal year. Expenses and revenue for 2019/20 will both increase, but this can be contributed to AWES staff working hard to ensure 20 new projects are in the books.

Respectfully submitted,

Aimee Delaney, Public Ag Literacy Coordinator, Red Deer County

AWES Treasurer



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Unaudited Financial Statement 2018-2019

See Document Attached



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AWES Organizational Budget 2019-2020 Review

AWES 2019-2020 Projected (Quarterly) Budget											
Project Name	Number	2018-19 Carry-Overs	1-st Quarter Projection		2-nd Quarter Projection		3-rd Quarter Projection		4th-Quarter Projection		
		Revenue	Expenditure	Revenue	Expenses	Revenue	Expenses	Revenue	Expenses	Revenue	Expenses
AWES-Admin	842001			\$ 9,000.00	\$10,000.00						
Admin Expenses/Fees						\$ 7,000.00	\$ 11,000.00	\$ 4,000.00	\$ 11,000.00	\$ 1,500.00	\$ 13,000.00
Intern Funding						\$ 2,500.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00		\$ 1,000.00
Business Development	842035		\$ 9,586.33	\$ 3,000.00	\$ 2,000.00						
Alpac-Survey	842022						\$ 5,000.00	\$ 60,000.00	\$ 18,000.00		\$ 15,000.00
Extension	842023			\$ 3,963.00	\$ 2,862.00	\$ 7,000.00	\$ 4,000.00	\$ 7,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,000.00
AEP-WRRP-FEC	842025	\$ 12,015.94			\$ 9,015.94		\$ 3,000.00				
AEP-WRRP-FEC	842027			\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 11,000.00	\$ 10,000.00	\$ 4,500.00		
AEP-MPWA-WRRP	842028			\$ 5,000.00	\$ 1,000.00		\$ 1,000.00		\$ 1,000.00		\$ 1,000.00
County-Red-Deer	842028										
FRIAA-BMP	842032	\$ 7,366.34			\$ 6,500.00	\$ 8,000.00	\$ 6,000.00		\$ 4,000.00	\$ 8,000.00	\$ 3,500.00
Pur-Project-Blindman	842034		\$ 2,723.06								
AEP-WRRP-Blindman	842036	\$ 16,218.50			\$ 3,274.00	\$ 40,000.00	\$ 4,000.00		\$ 3,000.00		\$ 10,000.00
AEECA-EFP	842037		\$ 313.93		\$ 0.00	\$ 7,500.00	\$ 4,000.00	\$ 4,500.00	\$ 1,000.00		
Cadluek Restoration	840239				\$ 2,500.00	\$ 4,000.00					
Pur-Projet-Williams	842040	\$ 1,979.13			\$ 1,000.00						
Env-Bigstone	842041	\$ 4,036.45		\$ 20,447.00	\$ 7,000.00	\$ 3,960.00	\$ 2,500.00	\$ 6,815.00	\$ 18,000.00		
CAP-T-T	842042	\$ 21,960.49			\$ 2,500.00		\$ 2,500.00		\$ 2,500.00		\$ 2,500.00
Pur-(2019)	842043	\$ 9,811.43		\$ 3,575.00	\$ 10,000.00	\$ 18,000.00	\$ 6,000.00		\$ 10,000.00		
County Planting (2019)	842045		\$ 5,887.96	\$ 20,455.00	\$ 15,000.00	\$ 5,000.00	\$ 3,000.00	\$ 2,500.00			
AREF-(2019)	82049				\$ 500.00	\$ 30,000.00	\$ 5,500.00		\$ 12,000.00		\$ 5,000.00
Eco-Action-Coen	842048			\$ 25,966.00	\$ 1,500.00		\$ 5,000.00		\$ 18,000.00		
Approved (on-hold)											
WRRP-FEC(2019-2021)	842046				\$ 3,000.00	\$ 58,100.00	\$ 15,000.00		\$ 4,000.00		\$ 1,500.00
MPWA(2019/2020)	842047				\$ 2,000.00	\$ 4,000.00	\$ 1,500.00	\$ 80,000.00	\$ 50,000.00		\$ 2,500.00
CAP-Murdoch Lake	842044		\$ 820.47		\$ 1,500.00	\$ 50,000.00	\$ 4,000.00		\$ 2,500.00		\$ 2,000.00
Native-Species-CAP	842048					\$ 25,000.00	\$ 5,000.00		\$ 15,000.00		\$ 5,000.00
Total Revenue		\$ 73,388		\$ 96,406	\$ 86,152	\$ 285,060	\$ 101,000	\$ 174,815	\$ 179,500	\$ 13,500	\$ 64,000
Total Expenses		\$ 643,169	\$ 19,332								
		\$ 449,984									



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Organization Rate Sheet & Costs:

Fixed Costs:

2019 Wages/Administrative/Professional Costs: **\$168,663.17**
(Base level of budget needed to complete the program this year.)

Minimum Overhead Revenue Required **\$48,000.00**

	E.D.	Specialist/Tech	AF/Intern
Daily Costs (per position)	\$473.71	\$279.27	\$242.03

2019 AWES Costs (Rates):

Hourly Rate (per position)	\$075.00	\$068.00	\$062.00
Daily Rate	\$600.00	\$550.00	\$500.00

Note: Any Client (County) that is participating in the AWES Annual Retainer program receives a 10% discount from the above quoted rates.



AWES Staff Report Program Highlights 2019-2020

AWES Staff/Organization

- The organization is currently comprised of the following staff:
- Luke Wonneck is leaving AWES as of June 27, 2019 to pursue a doctorate degree in the University of Alberta's faculty of Sociology. His focus will remain on farming and agricultural activities. Rebekah Adams will be his replacement with AWES.
- *Noel St Jean*, RPF, Executive Director, responsibilities include:
 - General administration
 - Financial management
 - Staff/ contractor supervision
 - Extension and consultation services
- *Luke Wonneck*, Agroforestry Specialist, responsibilities include:
 - Extension and consultation
 - Procurement and coordination of planting projects
 - Tree and shrub planting
 - General communication (i.e. website and newsletters)
- *Rebekah Adams*, Agroforestry Technician, responsibilities include:
 - Extension and consultation
 - Procurement and coordination of planting projects
 - Tree and shrub planting
 - General communication (i.e. website and newsletters)
- *Ian Cameron*. Agroforestry Intern, responsibilities include
 - Support to both ED and AF Specialist/Technician /Tree planting and survey program Data and information management/Development Fact sheets and program information
- *Suzanne Skubleny*, Contract Bookkeeper: Account Reporting, Payroll, Expense Tracking, Year-End Reporting
- *Andy Sheperdson* (contract planter and surveyor): Chickadee Reclamation (Eckerhart M.-planting contractor)



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2019-2020 Project Updates:

Project Areas & Activities: (See AWES website for details of each event)

Extension/Education: (April 2019 –March 2020)

AWES staff will organize, present and coordinate the following events as part of the Extension Program: (See the AWES website for details on and to register for most of the events listed below)

Date	Event	Host	Location
Have completed:			
April 24-	Willow Cuttings Workshop:		Parkland County-Carvel Hall
April 29-	County Bumblebee House Building Workshop:	Flagstaff County	
May 11-	BMP Private Forested Lands Workshop	Manning, AB (post-pined)	
May 25-	Bigstone Creek Tree Planting Workshop:	Wetaskiwin County	
June 1-2-	Global Foundation Plant	Beaver County	
June 4-	Innisfail Grad 5 Farm Tour:	Red Deer County	
June 4-	Clarín Farm Tour:	Camrose County	
June 5-	Eco-Buffer Planting Workshop:	County of Vermillion River	
June 7-	Blindman River Community Planting Day:	Lacombe County, RDRWA	
June 8-	River Revival Vegreville: Town of Vegreville,	NSWA Vegreville Museum	
June 17-	BMP Workshop:	Lesser Slave County	Flatbush, AB (Post-pined)

Upcoming Events (see Website for Details):

June

June 21- AWES AGM: Big Lakes County
June 26- Building for the Berries Workshop

July

July 3- BMP Workshop
July 12-13- Riparian Management Course: Big Lakes County

August

University of Alberta: International Students Course: August 07th-Agroforestry in Alberta

September

Alberta Pacific Industries: Poplar Plantations survey Project (September 01th -October 05th)

October

MPWA-Wapiti Project Site-restoration project



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November-March 2020

No scheduled events yet

Project Management (2019 – 2021): Projects:

Completed Projects in 2018-2019:

Battle River Watershed Alliance Restoration Project (842024) (Env Canada-EDF Funding): was completed with final payment received in November 2018.

Alberta Conservation Association (842026) (ACA Grant Funding) was completed in October, 2018 with final report and payment received.

Ongoing & Future Projects in 2019-2020

FEC Riparian Restoration Workshops (842025)

Two “skills development workshops” are planned for the spring – one in the County of Vermilion River and the other in another county (likely Lacombe). In addition, three factsheets will be developed and follow-up will be done with alumni of previous courses to check on their progress with implementing their riparian management plan. This will then bring this contract to close with the completion and submission of the final report by end of June 2019.

Planting Program 2019 (842045):

The Table below provides details on the planting projects completed in the spring of 2019, under various codes and with various funding sources. Significant work has gone into planning these projects over the past few months. All were planted between May 24th and June 8th.

County	Site Name	# Seedlings	Funder	Code	Description
Beaver	Future Forests	1560	FO	842030	Understory planting
Camrose	Coen	1697	PUR/FO/landowner	842043/842030	Alley cropping



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Camrose	Bohmer	3043	PUR/FO/landowner	842043/842030	Riparian buffer, Eco-Buffer, food forest, shelterbelt
Flagstaff	Milne	1000	FO	842030	Riparian buffer
Grande Prairie	Powell	1200	MPWA	842027	Point-bar planting
Lacombe	Glover	4470	PUR/landowner	842043/842030	Riparian buffer
Lacombe	Oostenbrink	1285	PUR/WRRP/landowner	842043/842025/842030	Riparian buffer
Minburn	Vegreville	150	NSWA	842030	Eco-Buffer
Mountain View	Halter	2045	PUR/FO/landowner	842043/842030	Eco-Buffer
Paint-Earth	RedTail	794	PUR/CAP/landowner	842043/842030	Food forest and shelterbelt
Red Deer	MacFadyen	2060	ALUS/CAP/landowner	842028/842030	Eco-Buffer
Rocky View	Honda	1300	FO (Honda)	842030	Cal
Vermilion River	Popil	2905	NSWA/landowner	842030	Eco-Buffer
Wetaskiwin	Bigstone	10,250	Eco-Action	842041	Riparian reforestation

Miscellaneous 1500

Totals Seedlings Planted: 35,259.00

Red Deer County Retainer (842028)

- Assistance with developing standards for evaluating ALUS tree planting projects
- Preparation work for February 13 Shelterbelt and Eco-Buffer workshop

Blindman River Project (842036):

Conducted an open-house information session on October 23, in Blackfalds. This was coordinated by Lacombe County and had attendees from Red Deer, Lacombe Counties, Red Deer Watershed Alliance, Cows & Fish, AEP and Fiera Biological. Nine members of the public attended including one of the Lacombe County councillors. The attendance was lower than anticipated but two of the attendees were newspaper reporters, one from Lacombe Express and the other from rdnewsNow. Two articles were released shortly after the session that generated a large amount of interest after the information session.

The session generated another landowner(s) (2 adjacent lands) to complete restoration work in the spring 2019.

Update: Update: A session at Forshee Hall (12 km from Bentley) planned for March 27th, 2019. The intention was to connect with landowners in Lacombe and Ponoka Counties that live along the river between the communities of Bentley and Rimbey. The spring planting



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program at the Glover et al. properties will occur approximately 5-6 kilometers south of the hall location.

It did involve planting approximately 4200 seedlings on three different properties and both sides of the Blindman River riparian area. Also, the planting of 1300 seedlings on the Oostenbrink Property.

The hope is that we attract more residents from both Counties and also candidate landowners interested in becoming involved for upcoming years planting in the project. After 2019 there will still be funding approximately 20,000-30,000 seedlings in the joint funding program.

Canada Agricultural Partnership (842042):

Train-the-trainer Project was just recently approved by the committee: Was a proposal submitted and approved under the Environmental Stewardship and Climate Change Program-Group. It was a three-part proposal that was submitted for the 5-year program with one component being approved. The revenue received was \$10,000.00/year for a total \$40,000.00 over the 5-year period. AWES received %70 of funding and will start the process of designing the template and delivering the first session by March 30th, 2019. Will be working with Red County to start the project in January, 2019.

Update: A concept paper has been created and has been provided to three Counties in the central region to review and comment. The intent was to conduct one session there as a test and then make the opportunity available to other Counties for another 2-3 sessions this year. If there are any other Counties wanting to request a one-day session we can start to schedule them for the 2019-20 year of the program.

FRIAA-BMP Project (8420320)

We planned at holding 3 one-day sessions in the spring-early summer of 2019. First was to be Clearwater/Lacombe County (April) hosted in Leslieville in conjunction with Weyerhaeuser and West Fraser, the second in the Manning area (May) in conjunction with Mercer, NPARA and a local landowner and the 3rd in the Flatbush-Fawcett Area (June) in conjunction with Vanderwell and ACA. All of these workshops were re-scheduled due to low interest (average of 3-4 people) registered. All to be re-scheduled for the late summer or fall.

The Manning Workshop rescheduled for July 04th : combined with NPARA to both BMP and Shelterbelt/Ecobuffer topics.

The remaining 6 workshops can schedule between July and November at a variety of locations (possibly in the Whitecourt, Edson, Lac La Biche and Grande Prairie-Saddle Hills area and Valleyview area and Fort Vermillion area). No commitments at this time from any of those Counties or localities.



New Projects:

Alberta Environment & Parks (WRRP Program):

A proposal was submitted on October 30th to expand the scope of the previous FEC grant to include courses and workshops in different counties, and as well create a webpage where users could access course content and supplementary videos online.

This project was approved is on hold until completion of the upcoming GOA budget and contract allocations.

EcoAction (Env Canada) (842048):

Project located near Camrose, Alberta: Wetland restoration and enhancement activities would be occurring on land that is currently cattle pasture, with adjacent land currently being used for pasture, cropping, and hay. The proposed plan involves the restoration and enhancement of 1.1ha of additional wetlands to achieve similar objectives. It will involve a combination of earthworks and planting activities that are implemented in four distinct phases: fall 2019, spring 2020, fall 2020, and spring 2021. The proposal was submitted to the Environment Canada EcoAction Program and will be to fund %50 percent of the overall project costs. The remaining costs will be provided by the landowner and Pur Projet.

Project was approved and in process of finalizing and signing the contract.

CAP-Agroforestry Native Species Database (Environmental Stewardship and Climate Change Group Program).

March 14th was to CAP to develop a user-friendly “Native Agroforestry Species Online Database”. The database will make it possible for landowners and other stakeholders to easily find native trees and shrubs that may be appropriate for their site conditions and goals. We are partnering with Cows and Fish, the Alberta Native Plant Council, and a number of counties and other non-profit partners.

Update: Project was approved is on hold waiting finalization of GOA budget and contract signing.



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AREF (Alberta Restate Foundation Grant):

Enhancing Rural Properties Through Extension & Education: The project was approved for 1.0 year (2019-2020) to conduct site visits with landowners to assist them in improved management of their shelterbelts and residual forested areas. It will cover the cost of a minimum of 25+ site visits in the one year of term. The project will also assist real-estate brokers in understanding the potential and actual value of shelterbelts. This will assist them in advising purchasing clients and also in understanding land values when completing appraisals.

- The project will educate and assist rural landowners in improved management of their forested lands.
- The project will assist the real estate industry in understanding and promoting increased property values through improved management of rural forested lands by current and future owners.
- The project will assist in increasing property values of rural lands.

Red Deer River Watershed Alliance Proposal (AEP-WRRP):

Update: This project approval is on hold pending the GOA budget release and contract signing.

- The RDRW has submitted a proposal to the WRRP program for funding to proceed with a Riparian Area Assessment similar to the project conducted by NSRWA in 2017-2018 and also AWES for the Blindman River 2018 (just finalized). This project would focus on the main-stem of the Red Deer River and the Medicine River. AWES has been involved and would be on the SC for the project if funding is approved.
- The AWES component would be to provide technical and professional advice on the restoration process and potentially provide the field expertise to conduct site restoration in the future in the implementation phases of the assessment work.

Future Projects:

Alberta Agriculture & Forestry: Shelterbelt and Ecobuffer Guideline Initiative: (revision and consolidation). Project initiated by the Environmental Stewardship Branch: **(Initiative has been placed on hold until completion of the GOA budget)**

Develop an inventory of existing, relevant publications

Ensure the listing and electronic copies of all related publications are available as a package in a single virtual (on-line) location

Update or create new publications if necessary

Develop an inventory of shelterbelts and eco-buffers across Alberta on a municipal scale, including field margin habitats;

Solicit information from the respective municipalities and supplement it with information gathered via geo-spatial imagery.



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Identify constraints limiting the establishment or sustainability of shelterbelts or eco-buffers in Alberta, and successes, through surveys targeted at extension specialists, farmers, agricultural field-men, environmental specialists and other associates. Develop a document listing and describing funding opportunities for agricultural and non-agricultural landowners, as well as municipalities, in support of shelterbelt or eco-buffer establishment; Some of such opportunities include CAP, ALUS Canada, municipalities, private sponsors - companies and organizations, etc.

Murdoch Lake Alley-Cropping Project:

NAIT has created an internal proposal to proceed within their funding stream. Once the NAIT proposal proceeds then AWES with the assistance of NPARA will prepare a proposal to CAP-Environment Stewardship and Climate Change Program-Group. This proposal will involve Ducks Unlimited (landowner), ACA, Mercer Ltd (DMI), NPARA and AWES. The funding component will be support NPARA and AWES primarily and also the ongoing management of the site and support of the science component of the project. This funding will be requested to match the next 4 years of CAP program funding availability. The proposal will now be submitted in August.

Update: NAIT is finalizing the research component and preparing an application to NSERC. A proposal for the AWES and NPARA component will be submitted to CAP program either in August or October at the next intake for the Environmental Stewardship and Carbon Management-Group.

Partners in the project could be: Center for Boreal Research, Mercer-Peace River, Capital Power, NPARA, AWES, Pur Projet

NAIT Boreal Research Center is interested in re-establishing the project as a research and demonstration site for both alley-cropping and green-house-gas management. The research component would be fully funded by NAIT, with additional funds from a proposal to be submitted to the CAP Adapting Innovative Solutions in Agriculture program.

This proposal would fund all of the AWES and partners costs to support and enhance the site. The potential is to both evaluate the productivity of multiple crops and also the testing of a hybrid aspen species in comparison to the hybrid poplar currently on-site. The initial work would start in the fall of 2019 and new planting and measures by NAIT in the spring of 2020. The original partners are being assembled with possible addition of several new one. Site visit is planned for early January to determine the present condition of the site.



Appendix I

Events participated in and organized by AWES Staff in April 2018 – March 2019.

05-Apr	Bird House Building Workshop	Parkland County
09-Apr	Environmental Evening Booth	Parkland County
12-Apr	Bumblebee house building workshop	Lacombe County
17-Apr	Shelterbelts and Eco-Buffers	Greenview County
18-Apr	Shelterbelts and Eco-Buffers	Greenview County
18-Apr	Bumblebee house building workshop	Flagstaff County
24-Apr	Willow Cuttings Workshop	Flagstaff County
26-Apr	Acreage Days	Parkland County
03-May	Bumblebee house building workshop	Lacombe County
09-May	WCWS Bird Habitat Presentation	WCWS
10-May	Riparian Spring Tour	Grande Prairie County
29-May	Roth Planting Workshop	Wetaskiwin County
31-May	Rocky View Riparian Workshop (2-day Course)	Rocky View County
04-Jun	Lac St Anne Ecobuffer Planting Workshop	Parkland County
15-Jun	Northern Sunrise County Riparian Management (2-day Course)	Northern Sunrise County
20-Jun	Ecobuffer and Shelterbelt Workshop	Red Deer County
19-Jul	Riparian Management Course (2-day)	Brazeau County
23-Jul	Riparian Management Course (2-day)	Mountain View County
10-Aug	Lac St Anne Riparian Management Course (2-day)	Parkland County
19-Aug	Bio Blitz	Stettler County
20-Aug	Plant a better world Family and Youth	Strathcona County
18-Sep	Ecobuffer and Shelterbelt Workshop	Red Deer County
21-Sep	Riparian Management Course (2-day)	Vermillion River County
27-Sep	Soil Erosion Workshop	County of Grande Prairie
29-Sep	Soil Erosion Field Day	County of Grande Prairie
23-Oct	Blindman River Restoration Project Open House	Lacombe County, Red Deer County, Ponoka County
25-Oct	Building for the Bumbles Workshop, Parkland County	Parkland County
07-Nov	Building for the Bumbles Workshop, Sturgeon County	Sturgeon County
22-Nov	Water and Agriculture Conference	Mountain View County



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13-Dec	Shelterbelt and Eco-Buffer Workshop, Flagstaff County	Flagstaff County
04-Feb	Building for the Birds Workshop, Grande Prairie County	Grande Prairie County
05-Feb	Building for the Berries Workshop, Grande Prairie County	Grande Prairie County
06-Feb	Shelterbelt and Eco-Buffer Workshop, Northern Sunrise County	Northern Sunrise County
07-Feb	Building for the Bumbles Workshop, Northern Sunrise County	Northern Sunrise County
13-Feb	Shelterbelt and Eco-Buffer Workshop, Red Deer County	Red Deer County
13-Mar	Planting for the Future Workshop, Sturgeon County	Sturgeon County



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Appendix II-
2018-2019 AWES Final Budget

March, 15-2019: 2018 Board Meeting Financial Update		8-month(April-December-01)		11-month(April-2018-Feb-28-2019)		Year End (March 31-2019)		(07-03-2019)
Project Name	Number	Actual		Actual		Project Revenue	Un-Restricted	(Carry-over)
		Revenue	Expense	Revenue	Expense			
AWES-Admin	842001	\$ 11,750.00	\$ 39,253.48	\$ 22,058.36	\$ 50,443.08			
Alpac-Survey	842022	\$ 54,165.31	\$ 36,902.66	\$ 54,165.31	\$ 39,651.41		\$ 14,513.90	
Website Carryover			\$ 3,778.24	\$ -	\$ 3,786.64			
Extension	842023	\$ 7,831.00	\$ 10,622.14	\$ 19,429.66	\$ 16,282.73		\$ 3,146.93	
BRWA-EDF	842024	\$ 13,272.00	\$ 19,960.79	\$ 17,829.57	\$ 20,003.79			
AEP-WRRP-FEC	842025	\$ 38,230.00	\$ 22,347.58	\$ 38,230.00	\$ 26,214.06			\$ 12,015.94
ACA-Enhance-H	842026	\$ 7,699.00	\$ 8,443.00	\$ 7,699.00	\$ 8,523.05			
AEP-MPWA-WR	842027	\$ 14,695.55	\$ 8,888.59	\$ 16,233.05	\$ 10,126.08		\$ 6,106.97	
County-Red-De	842028	\$ 5,000.00	\$ 4,844.73	\$ 4,761.91	\$ 2,777.11		\$ 1,984.80	
County-Planting	842030	\$ 39,168.42	\$ 38,818.53	\$ 40,818.00	\$ 40,536.74		\$ 281.26	
FRIAA-BMP	842032	\$ 17,177.00	\$ 7,441.94	\$ 17,177.99	\$ 9,811.65			\$ 7,366.34
Pur-Project-Blin	842034	\$ 10,054.29	\$ 12,733.55	\$ 10,054.29	\$ 12,777.35			-\$ 2,723.06
Business Develo	842035		\$ 11,684.37		\$ 9,586.33			-\$ 9,586.33
AEP-WRRP-Blin	842036	\$ 70,738.00	\$ 44,487.94	\$ 70,738.00	\$ 54,519.50			\$ 16,218.50
ARECA-EFP	842037	\$ -		\$ -	\$ 313.93			-\$ 313.93
WOLF-Fee-Serv	842038	\$ -	\$ 66.90	\$ -				-\$ 66.90
Cadiuex Restora	842039	\$ 14,590.66	\$ 9,559.59	\$ 14,590.66	\$ 10,247.29		\$ 4,343.37	
Pur-Projet-Willi	842040	\$ 18,392.61	\$ 15,844.38	\$ 18,392.61	\$ 16,413.48			\$ 1,979.13
Env-Bigstone	842041	\$ 11,881.00	\$ 5,132.99	\$ 11,881.00	\$ 7,844.55			\$ 4,036.45
CAP-T-T	842042	\$ 27,720.00		\$ 27,720.00	\$ 5,759.51			\$ 21,960.49
Pur-(2019)	842043			\$ 29,656.62	\$ 19,845.19			\$ 9,811.43
Prepaid-Purcha	\$ 11,610.72							
CAP-Murdoch L	842044				\$ 820.47			-\$ 820.47
County Planting	842045			\$ 2,409.21	\$ 8,297.17			-\$ 5,887.96
(Deferred to 2019)		\$ 362,364.84	\$ 300,811.40	\$ 421,436.03	\$ 366,283.94		-\$ 4,859.30	
Total Expense:			\$ 366,283.94	Total Actual Revenue		\$ 421,436.03		



Appendix III:

Map Illustrating the Counties utilizing AWES services

