



Equipping Albertans to build vibrant, ecologically functional landscapes within the built environment, through comprehensive stormwater management

Photo: Highland Park Research and Demonstration Rain Garden (Calgary)



2022 Annual General Meeting Agenda

1. Call to Order
 2. Review and Adopt Agenda
 3. Review and Adopt Previous Meeting Notes
 4. President's Report
 5. Executive Director's Report
 6. Introduction of Board Candidates/ Election if Need Be
 7. Treasurer's Report
 8. Break
 9. New Business
 10. Working Group Reports
 11. Adjournment of AGM
- ▶ Activity - Tell us what you don't know

Motion to adopt the
June 22, 2023
Annual General
Meeting Agenda



Review and Adopt

▶ Notes of 2022 AGM



2022 AGM Attendees

Craig	Kipkie	Kerr Wood Leidal	Martine	Francis	Stantec
Jeff	Schurek	ISL Engineering	Neil	Barrett	Nilex
Timothy	Wong	MPE Engineering	Adam	Minke	City of Red Deer
Amy	Ling	EPCOR	Kerri	Robinson	EOR
Mary	Quinlan	City of Calgary	Hannah	Minchau	EPCOR
Eric	Keller	Norwood Waterworks	Freda	Isaac	City of Calgary
John	Helder		Jillian	Curley	City of Calgary
Stacey	Cedergren	IBI Group	Andrew	Rushworth	Associated Engineering
Erica	Yaholnitsky	City of Calgary	Tige	Procyshyn	LIS Design
Josh	Maxwell	WSP	Stephanie	Dubiel	IBI Group
Mustapha	Yassin	EPCOR	Michael	Chau	City of Calgary
Katina	Tam	City of Red Deer	Pamela	Duncan	City of Calgary
Valerie	Veenstra	City of Calgary	James	Seller	City of Calgary
Tyler	Shukaliak	City of Edmonton	David	Seeliger	MPE Engineering
Carey	Wrzosek	IBI Group	Anton	Skorobogatov	Magna Engineering
Kate	Houston	WSP	Bert	van Duin	City of Calgary
Anne	Naumann	Calgary River Valleys			



Notes of the June 23, 2022 AGM

1. Call to Order

David Seeliger called the meeting to order at 9:08 a.m.

2. Quorum confirmation

David Seeliger confirmed that Quorum was satisfied.

3. Approval of the 2022 AGM agenda

Bert van Duin moved to adopt the agenda as-is. Craig Kipkie seconded. Carried.

4. Approval of the 2021 AGM minutes

Bert van Duin moved to adopt the 2021 minutes as-is. Seconded by Amy Ling. Carried.

5. President's Report

David Seeliger presented the President's Report. David thanked the Partners and the Board.

6. Working Group Reports

- a. Education and Activities – presented by Bert van Duin, Chair
- b. Research and Monitoring – presented by Anton Skorobogatov, Chair
- c. Stormwater Reuse – presented by Leta van Duin, Acting Chair
- d. Resilient Landscaping – potential new group – presented by Leta van Duin

7. Executive Director's Report

Leta van Duin presented the Executive Director's Report. Leta thanked the Board.

8. Treasurer's Report

Craig Kipkie presented the Treasurer's Report.

- a. The auditor gave a clean opinion of the 2021 Financial Statements.

Anton Skorobogatov moved to adopt the 2021 audit as-presented. Seconded by Josh Maxwell. Carried.

- b. The budget was presented and discussed.

Josh Maxwell moved to adopt the 2022 budget as-presented. Seconded by Kerri Robinson. Carried.

9. Election of Directors

Three incumbents stood for re-election to a 3-year term: Jill Curley (City of Calgary), Amy Ling (EPCOR), and Anton Skorobogatov (Magna Engineering). One new candidate was introduced: Jeff Schurek of ISL Engineering in Edmonton.

Four positions on the board were vacant. Three calls for nominations from the floor were made with no additional candidates nominated. The Directors were acclaimed.

10. New business – none.

11. Adjournment

Anne Naumann moved to adjourn the meeting at 11:15 a.m.

Motion to adopt the
June 23, 2022
Annual General
Meeting Minutes



▶ President's Report

David Seeliger, P.Eng.

MPE Engineering



Thank you to our 2022 PARTNERS!!! (blue are new)

- ▶ City of Airdrie
 - ▶ City of Calgary
 - ▶ City of Red Deer
 - ▶ Strathcona County
 - ▶ Town of Blackfalds
 - ▶ Town of Coaldale

 - ▶ Associated Engineering Alberta Ltd.
 - ▶ EPCOR
 - ▶ ISL Engineering and Land Services Ltd.
 - ▶ MPE Engineering Ltd.
 - ▶ Scheffer Andrew Ltd.
 - ▶ Stantec
 - ▶ WSP Canada Inc.

 - ▶ 818 Studio Ltd
 - ▶ AI-Terra Engineering Ltd.
- ▶ Allnorth Consultants Ltd.
 - ▶ Barr Engineering and Environmental Science Canada Ltd
 - ▶ Dillon Consulting
 - ▶ Eagle Lake Professional Landscape Supply
 - ▶ EOR
 - ▶ Ground3inc. Landscape Architects
 - ▶ **IBI Group**
 - ▶ Kellam Berg Engineering and Surveys Ltd.
 - ▶ Kerr Wood Leidal Associates Ltd.
 - ▶ L.A. West Associates (Calgary) Inc.
 - ▶ Magna Engineering Services Inc.
 - ▶ Matrix Solutions Inc.
 - ▶ McElhanney Ltd.
 - ▶ O2 Planning + Design Inc.

 - ▶ Bow River Basin Council
 - ▶ **Calgary River Valleys**
- ▶ **International Institute for Sustainable Development**
 - ▶ Pigeon Lake Watershed Association
 - ▶ Southern Alberta Institute of Technology
 - ▶ University of Alberta
 - ▶ **Wabamun Watershed Management Council**

 - ▶ ABT, Inc.
 - ▶ Belgard
 - ▶ **Brock White**
 - ▶ Deeproot
 - ▶ **Nilex**
 - ▶ Norwood Waterworks

 - ▶ Plus 10 individuals (**6 new**)



Activities: Continuing!

1

Rise of the Working Groups:

- EAWG - Events and Activities Working Group
- RAM - Research and Monitoring Working Group
- STORMR – Stormwater Reuse Working Group

2

Unconference Speaker Series:

- Very popular with Members
- Continues

3

Demonstration Projects:

- Delivered through Grants
- New infill demonstration projects will commence in 2023/4

4

Communications:

- Broad range of communication forums



Parkdale Community Association
Resilient Landscaping
Demonstration Hub inlet

Future



Corralling, packaging and disseminating what we know



Continuing to lead with practical, on-the-ground activities that enhance both technical knowledge and social understanding



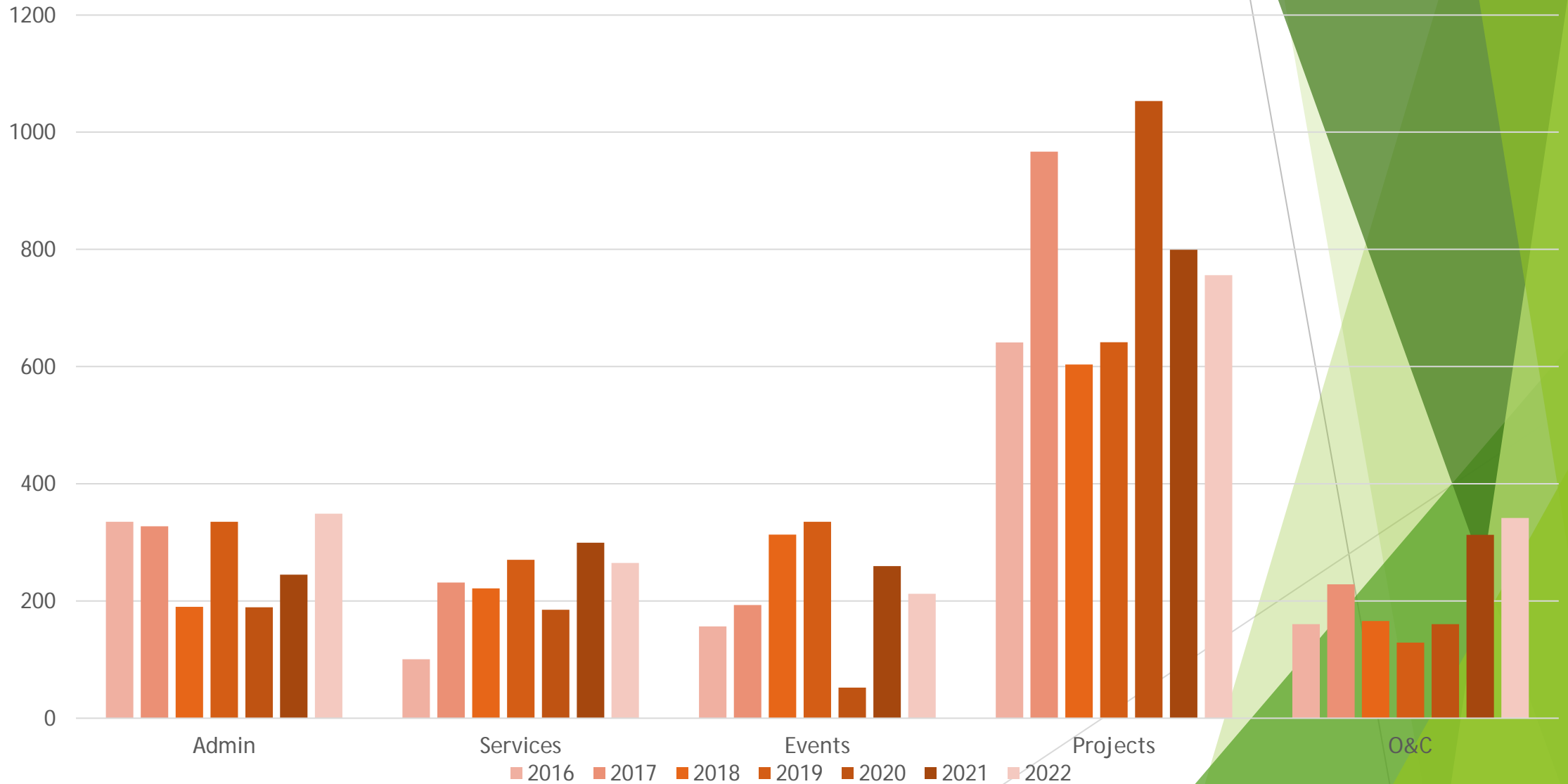
Increasing our sphere of influence

Executive ▶ Director's Report

Leta van Duin, B.Sc.



Year-over-Year Hours by Activity 2016-22





ALIDP Strategic Pillars

Social
Support

Knowledge
and Tools

Feasibility

Policy/
Planning/
Regulatory



2022 Outreach/ Input

Agency	Topic
U of C School of Planning, Architecture and Landscape Architecture	Bioretention Lecture and Final Project Critiques
AEP Bow Phosphorus Management Plan	Implementation Committee - Participation
Calgary Horticultural Society	Spring Fling Virtual Conference Exhibitor - Virtual
Calgary Horticultural Society	Evening course: Rain Garden Design and Construction Demystified - Virtual
CWRA National Conference	LID Session - Banff - WSP
AEP	Stormwater Reuse Water Regulation Update Engagement
Lake Simcoe Region Conservation Authority	Rain Gardens on Schoolyards and Community Grounds Presentation - Virtual
Elbow River Watershed Partnership	Newsletter article on rain gardens
City of Calgary	Upstream Water Engagement
International Institute for Sustainable Development	Natural Infrastructure for Water Solutions - Presentation - Winnipeg - live
Green Communities Canada	Living Cities Initiative Engagement
Alberta Lake Management Society	Presentation on Big Lake LID - Edmonton



Rainwater 4 Resilience (WRRP)

Two components:

1. Monitoring
2. Community

Demonstration Hubs

*Six community sites in Calgary,
one in Edmonton, one in Red
Deer*

- Rain gardens
- Native grasses,
flowers, and shrubs
- Alternatives to
conventional turf

Alberta





Rainwater 4 Resilience Metrics





Projects

- ▶ LICA - workshops
- ▶ Industrial site LID options vs. conventional tie-in
- ▶ IISD NI State of Play
- ▶ EPCOR plants
- ▶ ART Lot-level WB Calculator
- ▶ City of Calgary LID monitoring and analysis
- ▶ North Glenora resilient landscaping monitoring



Rain Garden Education - Local Resource Development



This is a **resilient landscaping** demonstration garden

A pathway to health for people and planet

SOME BENEFITS

1. Doesn't need many inputs, such as fertilizer or maintenance (so it saves time and money, and is better for the planet).
2. Functions despite stresses, such as drought.
3. Bounces back quickly from extreme events, such as flooding and heatwaves.

EXAMPLE PRACTICES

Rain gardens are planting beds in shallow basins that capture runoff from a hard surface, usually a roof. Adding a rain garden at home is an important way you can do your part to reduce community flooding, especially in established neighbourhoods. Rain gardens have plenty of gardening benefits too!

- Alternative Turfs
- Groundcovers
- Native flowers
- Native shrubs
- Ornamental

This garden is maintained by volunteers. It is part of a collection of unique gardens in Alberta that are meant to inspire you to add resiliency to your own property. You can find designs, plant lists, locations of gardens, and more at resilientlandscaping.ca.

Alberta ALIDP





resilientlandscaping.ca – the bones are ‘there’



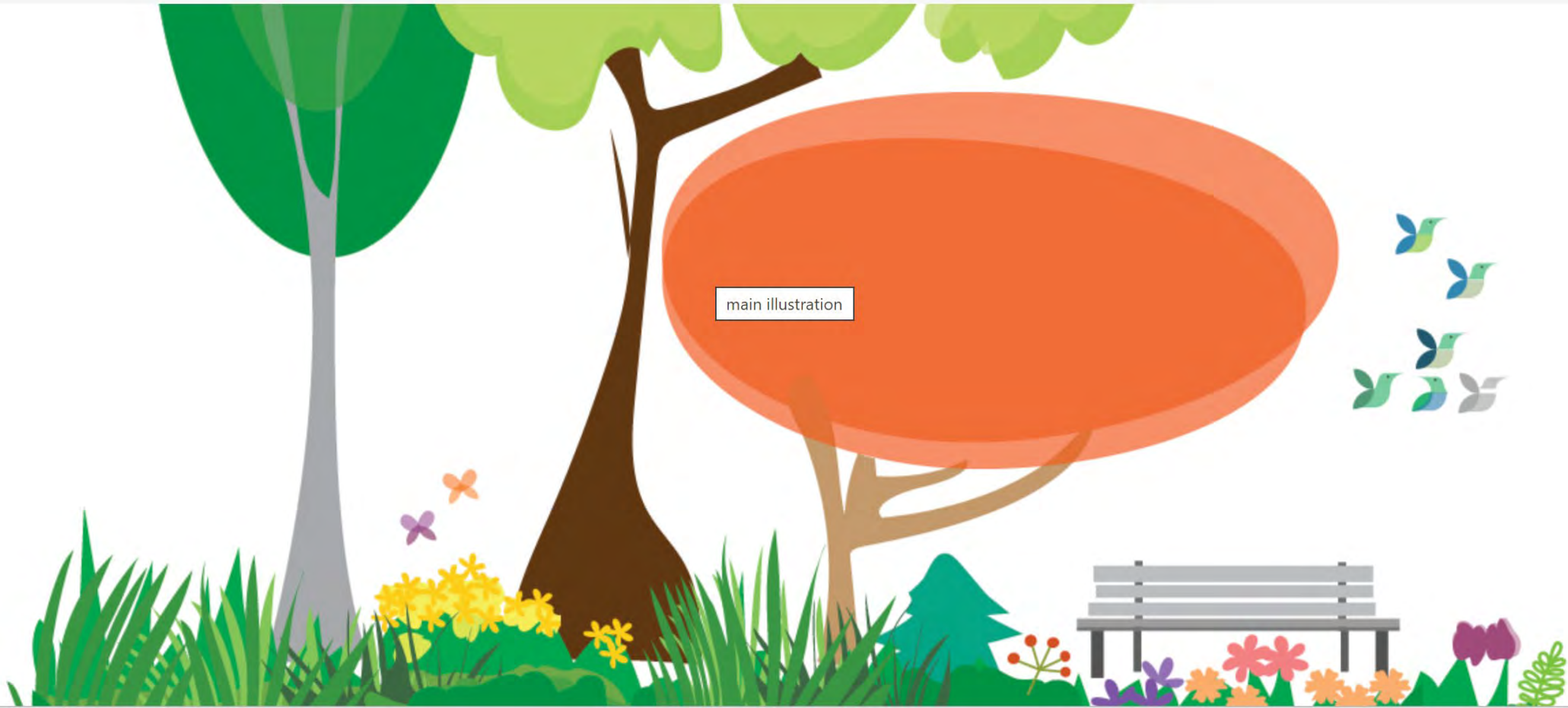
[INSPIRATION](#)

[TECHNIQUES](#)

[PLANTS](#)

[RESOURCES](#)

[CALCULATOR](#)





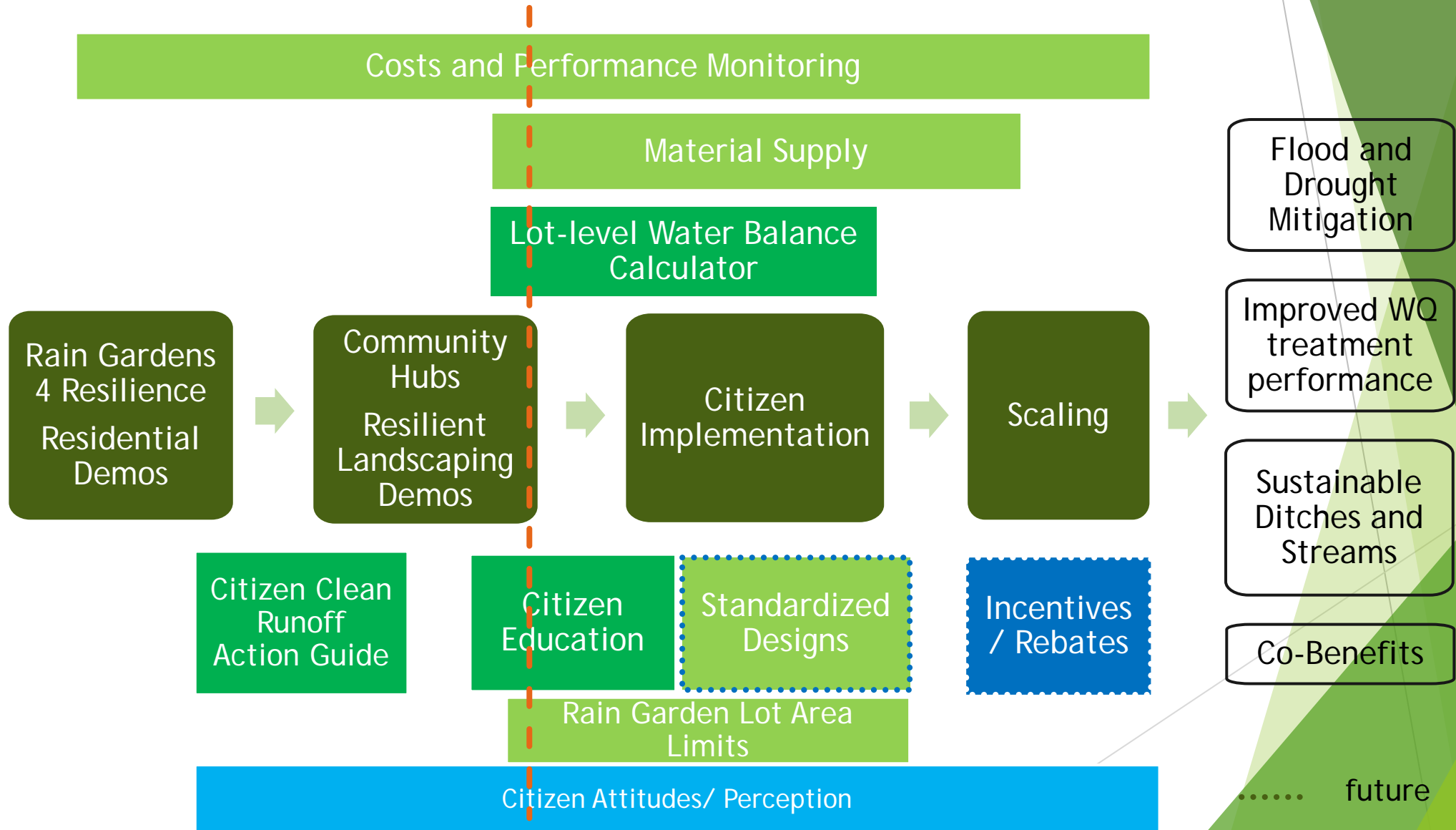
Edmonton Infill Rain Garden Project

- ▶ To explore solutions for different typologies
- ▶ Match capacity of minor system; flood mitigation driver
- ▶ Exploring retention/detention hybrid approach, different hydraulic loadings
- ▶ Exploring questions of shape, vegetation
- ▶ Monitoring - soil moisture, water level, outlet weirs, vegetation

Alberta 



Lot-Level Resilient Landscaping Implementation





Thank you to our awesome Board of Directors!



DAVID SEELIGER
President



ANTON SKOROBOGATOV
Vice-President



JOHN HELDER
Secretary



CRAIG KIPKIE
Treasurer



JEFF SCHUREK
Director



JILL CURLEY
Director



AMY LING
Director



MARY QUINLAN
Director



JOSHUA MAXWELL
Director

▶ Board of Directors

Introduction of Incumbents

Call for Nominations from the Floor

Election or Acclamation



Incumbents



Craig Kipkie, M.Sc., P.Eng.
Branch Manager

Kerr Wood Leidal
Associates Ltd.

ALIDP Treasurer



John Helder
Retired

City of Edmonton
Community Services

ALIDP Secretary



Mary Quinlan, CSLA, AALA,
MLA, B.Sc.

Landscape Architect

City of Calgary



Incumbents



David Seeliger, P.Eng.
Stormwater Director

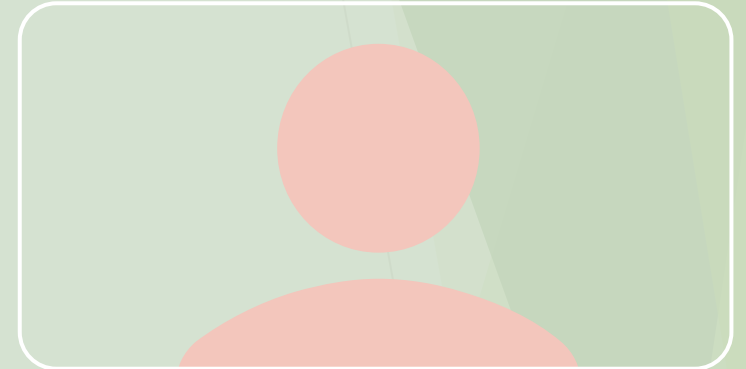
MPE Engineering Ltd.

ALIDP President



Joshua Maxwell, M.Sc.,
P.Eng., PMP
Team Lead, Water
Resources Engineering

WSP Canada Inc.



???



Voting/ Acclamation of Directors

- ▶ 3 Calls for Nominations from the Floor
- ▶ Acclamation or
- ▶ Election and Declaration of Result



▶ Treasurer's Report

2022 Financial Statements

2023 Budget

2022 Financial Statements

- ▶ Clean opinion from the auditor



INDEPENDENT AUDITOR'S REPORT

To the Members of Alberta Low Impact Development Partnership Society

Opinion

We have audited the financial statements of Alberta Low Impact Development Partnership Society ("Society"), which comprise the statement of financial position as at December 31, 2022, and the statements of revenues and expenses, changes in net assets and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of Society as at December 31, 2022, and the results of its operations and cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations (ASNPO)



	2022	2021
ASSETS		
CURRENT		
Cash	\$ 119,854	\$ 17,666
Restricted cash (Note 4)	468,434	213,971
Accounts receivable	6,381	94,946
Goods and services tax recoverable	5,719	11,632
Prepaid expenses	5,112	1,371
	605,500	339,586
PROPERTY AND EQUIPMENT (Note 5)	2,280	-
	\$ 607,780	\$ 339,586
LIABILITIES AND NET ASSETS		
CURRENT		
Accounts payable and accrued liabilities	\$ 50,341	\$ 20,469
Deferred contributions (Note 6)	363,366	64,504
Deferred revenue (Note 7)	30,068	74,467
	443,775	159,440
NET ASSETS		
Unrestricted net assets	89,005	105,146
Internally restricted net assets (Note 4)	75,000	75,000
	164,005	180,146
	\$ 607,780	\$ 339,586



REVENUES

Grants (Note 6)	\$ 96,313	\$ 400,833
Projects	62,922	16,314
Membership fees	38,088	44,665
Interest and others	4,834	1,475
Events and courses	483	1,650

	202,640	464,937
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OPERATING EXPENSES

Consulting and logistic fees	156,843	118,814
Supplies	10,076	16,526
Design and construction	6,770	256,727
Travel	1,780	1,266
Service fees	100	485

	175,569	393,818
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	27,071	71,119
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ADMINISTRATIVE EXPENSES

Management fees	19,634	21,490
Professional fees	12,404	8,550
Memberships, dues and subscriptions	9,053	8,482
Insurance	1,285	1,217
Amortization of capital assets	105	-
Bank charges	505	173
Rent and office expenses	226	410
Bad debts	-	5,917

	43,212	46,239
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(DEFICIENCY) EXCESS OF REVENUES OVER EXPENSES

	\$ (16,141)	\$ 24,880
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Alberta Low Impact Development Partnership Society
Statement of Changes in Net Assets
Year Ended December 31, 2022

	Unrestricted net assets	Internally restricted net assets	2022	2021
NET ASSETS - BEGINNING OF YEAR	\$ 105,146	\$ 75,000	\$ 180,146	\$ 155,266
(Deficiency) Excess of revenues over expenses	(16,141)	-	(16,141)	24,880
NET ASSETS - END OF YEAR	\$ 89,005	\$ 75,000	\$ 164,005	\$ 180,146

Motion to adopt
the 2022 Financial
Statements



2023 Budget

- ▶ Allocations for website development and re-development, both alidp.org and resilientlandscaping.ca
- ▶ Allocation for ~300 hours for a communications/event assistant





	2023		2022		2021		2020	
	Actual	Estimated	Actual	Estimated	Actual	Estimated	Actual	Estimated
REVENUE								
Memberships		\$ 45,000	\$ 38,088	\$ 41,000	\$ 44,665	\$ 40,000	\$ 37,605	\$ 30,000
Events		102,500	483	500	1,650	500	135	-
Donations and Sponsorships			-					
Scholarship Fund			-					
Grants and Projects								
Projects	-	98,824	56,982	76,040	16,314	9,289	350	4,439
Grants	-	18,170	67,584	67,000	343,745	300,000	225,011	100,000
Misc. Consulting							810	
Interest/Overhead		38,660	39,503	29,010	58,563	38,800	58,389	32,000
Total Revenue	\$ -	\$ 303,154	\$ 202,640	\$ 213,550	\$ 464,937	\$ 388,589	\$ 322,299	\$ 166,439
EXPENSES								
OPERATION EXPENSES								
Initiatives and Services	-	17,650	13,299	17,150	18,882	16,324	9,025	14,000
Outreach and Collaboration	-	17,600	19,260	20,000	9,733	15,111	7085	10,000
Advertising and Promotion Expenses		5,000						300
Events	-	36,665	10,712	14,000	12,576	14,925	2,434	9,500
Scholarship Fund								
Projects	-	101,224	59,527	77,200	11,131	14,268	8,255	4,439
Grants	-	18,170	72,771	67,000	341,495	300,000	227,966	102,500
Operation Expenses Total	\$ -	\$ 196,309	\$ 175,569	\$ 195,350	\$ 393,818	\$ 360,628	\$ 254,765	\$ 140,739
ADMINISTRATIVE EXPENSES								
Management Fees		36237	19,552	15300	21,157	11000	8,827	12,000
Rent/office Expenses (incl. Travel, advertising)		1200	226	600	410	600	621	2,000
Professional Fees		13300	12,404	10000	8,550	10000	9,073	12,000
Memberships, Dues and Subscriptions		7500	7,563	7500	6,375	8500	2,620	2,500
Bank Charges		700	505	350	174	350	321	350
Computer hardware, software (amortization)		700	105	500				
Website		20000	1,490	5000	2,107	5000		
Insurance		4000	1,285	2000	1,217	1200	1,305	1,305
Professional Development		750	82	750	333	750	67	-
Bad Debt					5,917			
Administrative Expenses Total	\$ -	\$ 84,387	\$ 43,212	\$ 42,000	\$ 46,239	\$ 37,400	\$ 22,833	\$ 30,155
Total Expenses	\$ -	\$ 280,696	\$ 218,781	\$ 237,350	\$ 440,057	\$ 398,028	\$ 277,598	\$ 170,894
PROFIT (LOSS)	\$ -	\$ 22,458	\$ (16,141)	\$ (23,800)	\$ 24,880	\$ (9,439)	\$ 44,701	\$ (4,455)

Motion
to
adopt
the
2023
Budget



BREAK

Reminder to check out our vendor
partners



▶ New Business

Working Group

▶ Reports

EAWG

RAM

STORMR



Education and Activities Working Group (EAWG)

Chair

Bert van Duin, M.Sc., P.Eng.
City of Calgary Water Resources

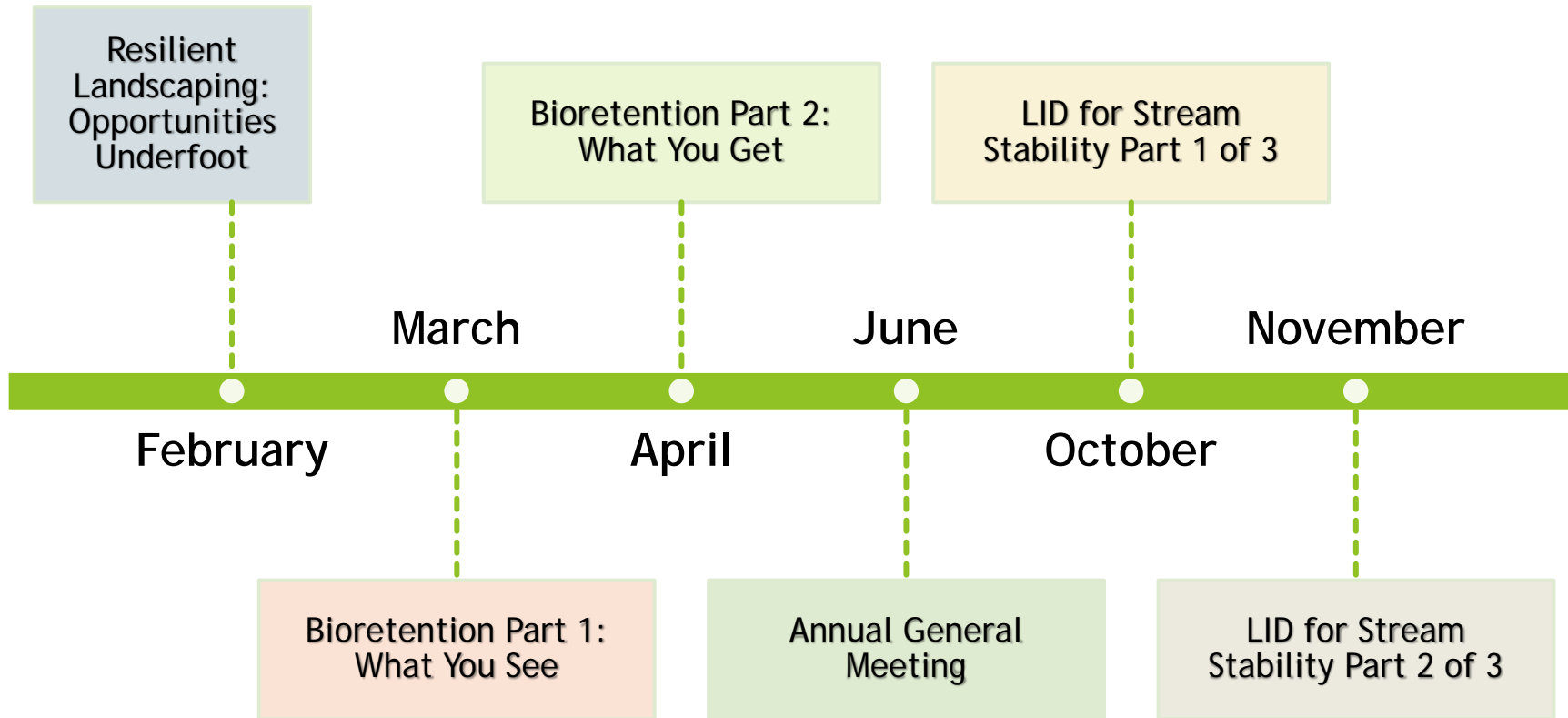
Mandate

Evaluate the strategic need for and support the organization of events and activities

Meets the third Tuesday, monthly noon to 2 p.m.



2022 Designing for Tomorrow Online



“The virtual sessions have been great and easy to fit into a busy work schedule, however I am looking forward to an in-person session.”



Thank You to Our Speakers in 2022

Leta van
Duin

Alan
Dodd

Jim
Laidlaw

Anton
Skorobogatov

Mohd Gazi

Joelyn
Kozar

Mustapha Makhdoom

Josh
Maxwell

Doug Evans

Jenna Cross

Sean Elliot

Bert van
Duin

Jonathan
Slaney

Matt
Langford

Clint
Goodman

Angela
Thompson

Russell
Barth

Chris
Johnston



November 2023 Conference – Preliminary Program Day 1 a.m.

Natural Assets

Mainstreaming Natural Asset Management

How to Avoid Green Elephants: Governance as a Driver for Resilient Green Infrastructure

Resources to Elevate Project Outcomes: Environmental Significant Areas and Natural Asset Valuation

The Integration of Natural Assets with Future Growth Plans: Belvedere Master Drainage Plan

Roofs

Engineering Vegetated Roofing Systems to Optimize Stormwater Management

Getting Green Roofs Right For Ensuring Success

Green Roof Case Studies

Smart Blue Roof Implementation Study



<https://cvc.ca/project/smart-blue-roof/>



November 2023 Conference – Preliminary Program Day 1 p.m.

Ponds and
Wetlands

Forum
Introduction

- Comparison and implications of Stormwater Management Facility design criteria between Edmonton and Calgary
- Physical Processes and Sediment Transport in Stormwater Wet Ponds and Constructed Wetlands in Calgary, Alberta
- Naturalized Ponds
- Nature-based Solutions - Name It and Claim It
- Let the Water Flow: Crossing the Public/ Private Property Line
- The role of LID in City of Calgary's Climate Risk and Resilience Assessment Process



Forum

followed by

Networking Reception





November 2023 Conference – Preliminary Program Day 2 a.m.

Stormwater Reuse

Keynote Presentation by Norm Neumann

Stormwater Capture & Use/Reuse Examples of Success -
Three Casts of Characters, Same Story

Stormwater Barriers to large Industrial Park development -
How SW Capture & Use/LID Opened New Possibilities

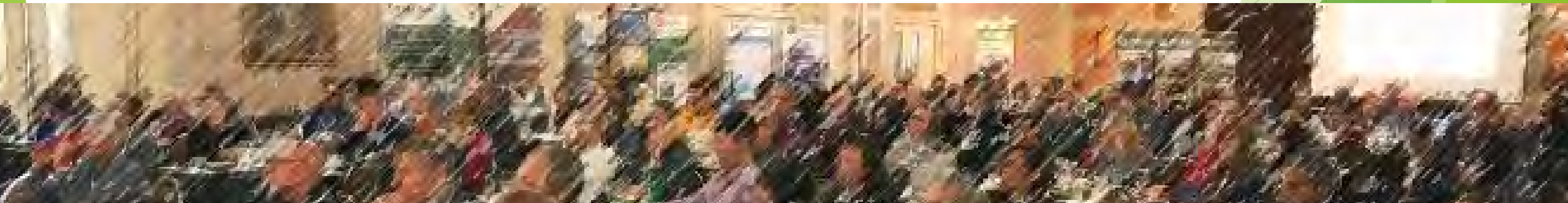
Policy - Regulation
- Green/Grey

Edmonton's Green Infrastructure Efforts

Replacing a Storm Outfall with Bioretention Gardens,
Overland Drainage, and Infiltration Wells in Rundle Park

Wrap-Up

Looking Forward





Research and Monitoring Working Group (RAM)

Chair

Anton Skorobogatov, M.E.Des., PhD
Magna Engineering Services

Mandate

Foster collaboration and data sharing among
academia, industry, and municipalities across the
province

Meets the first Friday, monthly, 10 a.m. to noon



RAM Topics and Activities - Overview

- ▶ Highland Park and Cambrian Heights - Subsurface interactions
- ▶ City of Calgary Marda Loop - Permeable Pavement Pilot
- ▶ City of Edmonton North Glenora – Effect of Additional Storage (Permavoid) in Rain Garden Design and Function
- ▶ Okotoks Bioretention Research Project – Decommissioning + Glimpse into the “Hidden Half”
- ▶ ALIDP Monitoring Data – Analysis and Next Steps



Photo: ABT, Inc.



Highlight – Bioretention Media Specification

- ▶ Several working sessions were conducted with the following emerging recommendations:
 - ▶ Differentiate media type based on intended objective (e.g., quantity, quality, habitat)
 - ▶ Set max silt and clay % to 40
 - ▶ Limit organic matter (OM) to 10% max
 - ▶ Further specify OM (type of material and measurement)
 - ▶ Specify P-removing amendments
 - ▶ Specify design adaptations for N removal
 - ▶ Specify and align testing procedures



Goals and direction for 2023 - 24

- ▶ Continue ongoing design specification work and refine performance objectives and associated validation;
- ▶ Conduct sessions to link industry modelling tools and practices with lessons learned from academic data;
- ▶ Strengthen the connection between Calgary/Edmonton (EPCOR) and identify collective research needs and opportunities (are we as different as we think we are);
- ▶ Broaden the research expertise by engaging adjacent practice areas, e.g. , soil science, bioengineering, wetlands, natural infrastructure, etc.



Stormwater Reuse Working Group (STORMR)

Acting Chair

Leta van Duin, B.Sc.

Executive Director, ALIDP

Mandate

Create a community of practice
around stormwater use/ reuse

Meets the second Thursday, monthly 1:30 to 3:00 p.m.



STORMR Activities in 2022

- ▶ New Group in 2022
- ▶ Provided feedback and met with AEP on Water Regulation update
- ▶ Conducted a risk analysis
- ▶ Norm Neumann led/ leading discussions on water safety plans and continuing in 2022-23



Risk Analysis for Various Practices

Irrigation

Landscape

Food crop

Non-food crop

Buildings

Toilet and urinal
flushing

Cooling
condensate/
steam/
evaporate

Industrial/ commercial

Process water

Vehicle washing

Fracking/ deep
injection

Municipal

Dust control

Street sweeping

Fire suppression

Wetland
supplementation

Risk aspects

1. Water quality degradation with respect to the receiving water body – is anything not covered by EPEA?
2. Takes water out of the water cycle – at what scale would it matter?
3. Takes water out of the watershed – at what scale would it matter?

EPEA already provides the necessary framework.

Deep injection: a regulatory framework already exists.

Embodied water: not explored. Type and scale could matter. Municipalities already have tools to address questions of capacity and alternative sources.





Additional risk analysis discussion provided to AEPA

1. The *permanence* of these activities should be considered when stormwater use is done to meet *stormwater runoff control targets*, however, it is not a question of regulatory permissibility but, rather, the potential lack of *effectiveness* of the practice to reduce runoff, if the practice is transitory in nature.
 2. In the case of **fire suppression**, the challenge is the potentially *unreliable supply* of stormwater, unless a sufficiently sized reservoir is available; however, this is not a question of regulatory permissibility.
 3. Both **dust suppression** and **street sweeping** are small, seasonal, intermittent uses. A calculation of the magnitude of these uses has been suggested to be included as part of a municipal Drought Management Plan in order to confirm this.
 4. Use of stormwater to reduce potable water demand can be considered at all times, as long as Delta Water requirements are met.
- ▶ The suggestion to calculate an urban water balance was made.

A vertical strip on the left side of the slide shows a close-up of water with several concentric ripples, suggesting a recent splash or drop. The water is a deep blue color.

Risk analysis results: understanding Delta Water is key

► In summary, the ALIDP Stormwater Reuse Working Group Risk Analysis determined that, from a Water Act perspective, *no stormwater use-type needs to be restricted, subject to the quantity in question being within the excess amount of runoff calculated according to the Delta Water Assessment Tool method.* The working group acknowledged the essential role of the Delta Water Assessment Tool, along with other regulatory instruments and advisory guidance, to manage drainage in a way that achieves both environmental and human health protection and enhancement.

Exemption from diversion

- ▶ Under the Water Act, Interpretation 1 (m) already specifically excludes **drainage, flood, control, erosion control and channel realignment** from the definition of 'diversion of water'. Therefore, there is already an acknowledgement in the Water Act that these activities are exempt.
- ▶ It is the disconnect between **drainage** and **alternative use** that appears to persist in the amendment.

The amendment: ▼

Under specified conditions, stormwater diversions of up to 6,250 cubic metres per year are now exempt from requiring a *Water Act* licence. This will make it easier for Albertans to access and use stormwater instead of higher quality water sources.

These benefits referred to in the amendment do not relate to drainage management: ▼

Benefits of stormwater use

Some benefits of using stormwater are:

- offsetting freshwater withdrawals from rivers and lakes
- reducing pollutant loading to systems
- increasing resilience of the water supply
- localized drought mitigation

Going forward



Use existing examples to map a process for water safety plan development.



Continue to provide feedback and work with AEPA on Water Act-related topics including Delta water.



Adjournment

Motion to adjourn
the 2022 Annual
General Meeting

Thank you everyone for your essential participation!

If you would like to join a working group, please contact the respective Chairs, a Director, or Leta.

Please stick around for the LID risk identification/ mapping exercise.