

## Colorado WaterWise Board Meeting

Thursday, March 14th, 2019

Call-In ONLY

10:00 a.m. – 12:00 p.m.

P: Called-in via phone  
X: Attended in-person

### Board:

	Amelia Nuding	Western Resource Advocates	amelia.nuding@westernresources.org
	Amy Volckens	Brendle Group	avolckens@brendlegroup.com
P	Alyssa Quinn	Platte Canyon W&S District	alquinn@plattecanyon.org
	Brad Brady	Yearout Energy Solutions	bbrady@yearout.com
P	Courtney Black	Headwaters Corporation	blackc@headwaterscorp.com
	Diana Denwood	Aurora Water	ddenwood@auroragov.org
P	Eric Olson	City of Fort Collins	eolson@fcgov.com
P	Katie Helm	City of Fountain	khelm@fountaincolorado.org
P	Laura Wing	City of Thornton	laura.wing@cityofthornton.net
P	Lyndsey Lucia	Northern Water Conservancy	llucia@northernwater.org
P	Nina Cudahy	Green Mountain Water	ncudahy@greenmountainwater.org
P	Quint Redman	Agriburbia	qredmond@agriburbia.com
P	Ruth Quade	City of Greeley	ruth.quade@greeleygov.com
P	Thomas Riggle	City of Centennial	triggle@highlandsranch.org
	Tyler Kesler	Boulder County	tkesler@bouldercounty.org
P	Melissa Walford	CWW Board Staff	admin@coloradowaterwise.org

### Guests:

Margo Fragola

Dylan Winbourn - Fracta

### **Call to Order**

Lyndsey called the meeting to order at 10:04 AM

### **Board Business and Action Items**

Approval of February Board Minutes. Katie motions, Nina seconds. February minutes are approved.

### **Guest Speaker**

*Dylan Winbourn, FRACTA*

Dylan provided a description of FRACTA and their work using machine learning and GIS for condition assessment. FRACTA started as physical assessment company with robotics but shifted to AI and machine learning with aging drinking water distribution mains. Due to the location of distribution main, underground, pressurized, etc., is it difficult to understand the condition and FRACTA is trying to help utilities be more proactive and less reactive by predicting breaks and identifying problem areas in their area. Typically, utilities would work either internally or with a consultant to understand their network. However, machine learning can identify trends and problems and prioritization of replacement (age, condition, breaks, etc.) but there are many factors that can affect the condition of pipe. All web-based platform and completely automated once information is entered into the model. It is also very scalable and customizable to fit the needs of the utility. Benefits to utilities include reduce revenue water loss, prediction of first breaks, avoid unnecessary replacements, and others. The program looks at hundreds to thousands of conditions in assessment. To provide a likelihood of failure, FRACTA needs pipe data and break history, hydraulic pressure data, and geographic and environmental data. Also have consequence of failure

(\$ – schools, busy roads, etc. that effect risk network. Combined these two to provide business risk exposure (\$). This is information that can be taken to your executive or utility board to provide information on possible threat.

Lyndsey asked about their target market. FRACTA worked with large utilities which use it in conjunction with their current models. However, working with municipalities including small and medium sized might be a great fit due to cost benefit for whole system.

### **2018 Financial Report**

Laura is still working with Ashley to get monthly report completed. Last month expense \$1,520, income \$3,500, net for year is \$14,015 income (goal for 2019 \$30,000). Lyndsey will provide Laura an invoice for IA training. Laura will send out report for Q1 once complete.

### **Annual Report Update**

Katie sent a draft on March 13 to board. Laura needs to send financial report charts to Katie. Board members are asked to provide comments to Katie and Laura for inclusion in final draft. Katie mentioned that we need to remember to take more photos and store in a central location on Dropbox.

### **LLYLI Update**

Laura and Evoque talked with Longmont about LLYLI. Holly is the communications employee for Longmont, and when working with files she found some limitations. She indicated it would be better with a different file organization and direct instructions of what to post, how and when to post for social media, more crafted content, various size ads copy, spring/summer conservation pieces, and website call to action. Holly did love the #Hike4Water campaign. Modifications to Evoque's scope of work includes website modification, content calendar, sample social media posts, and others.

Alyssa will be setting up a LLYLI committee call to discuss information and changes to Evoque contract. Alyssa did attend the "Fork not Taken" event and ran into Casey former bookkeeper who is doing work with roundtables and wants to work with LLYLI toolkit.

### **Annual Symposium Update**

Event is schedule for Oct 30 at Denver Museum of Nature and Science

If board members have ideas for speakers that fit within this topic, please review and send them to Melissa.

Potential Theme: Weather. Climate. Drought. Planning for the Future.

1. Water Budget Panel – Ruth, Thomas, Nicole from Castle Rock. Possible moderated by Peter Mayer
2. Denver 12 gallons/ft<sup>2</sup> on water budgets customers
3. Legislative
  - a. State compact
  - b. Drought Contingency Plan
4. Aurora BMP water restriction program – Jason Duff
5. LLYLI Presentation/Pitch
6. ALCC Sustainable Landscape Management guidelines –has a fall roll out
7. State land use project – by 2025 75% of municipalities to have land use ordinances
8. Water Reuse update – Castle Rock? Others?
9. Meteorologist – Mike Nelson
10. Pecha Kucha

Laura suggested potential future event location: Headwaters Center in Fraser opening Spring 2019 – possible event venue for 2020. If the Board is interested in this location, it will need to plan in advance. It is expected to be a very popular venue for water education events.

### **Roundtable Discussion**

- Ruth is going after a Smart Water grant through Bureau of Reclamation for AMI in place and has asked for a letter of support from CWW. Ruth motions board approval. Katie seconds. Board approves motion.

- Alyssa discussed at last month's distributor forum and met Meghan Trubee and Denver Water getting back involved. She asked about prior board members and seemed interested.
- Katie talked about the activity booklet creation with water and energy and is working with Evoque on that project.

**Wrap up and Adjourn**

Lyndsey adjourned the meeting at 11:08 AM.

Submitted by:  
Melissa Brasfield