



COLORADO

Pollution Prevention Advisory Board

Department of Public Health & Environment

Meeting Minutes January 26, 2015

Attending: Karen Hancock, Bill Hayes, Bradley Kieding, Mary Jo Lockbaum, Katie Navin, Nick Pizzuti, Quint Redmond, Thomas Riggle, Jarrett Smith, David Stewart, Lindsay Weber, Rebecca White, Rachel Wilson-Roussel

Not Attending: Lisa Bardwell, Andrew Flynn, Kim Hargraves-Tyrrell, Patricia Mason

CDPHE Staff: Derek Boer, Eric Heyboer, Lauren McDonell

December Meeting Minutes

A motion was made and seconded to approve the minutes from the board's December meeting. Motion passed.

Board Updates

Each board member was invited to share pertinent news about their work and any projects they were undertaking. Highlights included:

Karen: The City of Aurora is due to update its Environment Aurora Report, which covers energy, water and material management for city operations. Karen welcomes ideas for internal energy projects.

Quint: AgriNetX has new projects in Wisconsin and is looking for farming help starting in March and ramping up from there.

Dave: Stewart Environmental Consultants was awarded a project contract with the Town of Milliken for a brine management program that will increase their usable water supply to 98 percent.

Bill: The recently passed ordinance in Boulder requiring all commercial entities to recycle and compost is resulting in large amounts of materials to manage and has raised questions about identifying end markets. Boulder County received a grant for three new EV stations in Boulder. The County has signed on to support state's efforts with PACE (a program that enables energy upgrades paid for through tax lien on property so the debt stays with the property).

Katie: She is currently organizing a panel for the Colorado Association for Environmental Education's annual conference to discuss environmental education gaps and how to address them. The new education bill including environmental education in a revised No Child Left Behind was signed by Obama, which could lead to additional funding for CAEE and its partners.

Lindsay: Denver Water has a new Director of Planning, Mike King. Mike is the former head of the Dept of Natural Resources. Reservoirs and snowpack look good. Lindsay passed the test for LEED Green Associate.

Thomas: Jefferson County Schools has had a new Energy Manager for the past few months. They're putting together their stormwater report. Board members are welcome to attend a meet and greet for the Sierra Club legislative team at Uptown this Thursday (1/28) from 6-8pm.

Rachel: This board has provided some funding for the CDPHE Medication Take-back Program in the past. The department has been holding a set of stakeholder meetings to gather input for rule making for the program. Also, the Environmental Leadership Program - considering new DIA Hotel for next year's event, perhaps with a transit theme. She's looking for keynote speakers so please share recommendations.

Brad: There has been a huge push for efficiencies during the oil and gas slump, including how to consolidate inspections to be more efficient. Recycling plastic liners helps reduce trucking costs, so it's appealing to oil and the gas industry. One company has recycled 300 tons of plastic liner from a 14-acre pond project.

Rebecca: CDOT recently purchased two new PHEV's for motor pool and has a bifuel pick-up and CNG sedan.

Mary Jo: No update.

Greening Government - Brett Jackson

See attached presentation.

Thomas - How will compliance with the EO goals be enforced?

Brett - There are no actual teeth but now there is more interest and buy-in at the agency level because the executive leadership is now more aware of the greening government goals.

Dave - How are you sharing this with municipalities and school districts? The state Office of Information Technology has built a website that will eventually be a public interface.

Brett - We have a representative from the CO Department of Education and I welcome any ideas on improving this.

Dave - Tracking and communicating cost savings of these efforts would be helpful in motivating businesses and other organizations.

Lindsay - How are you tracking the data?

Brett - EnergyCAP is being used for energy, fleet petroleum, greenhouse gases and water. The Colorado Energy Office is funding EnergyCAP for all state agencies to collect and analyze data for the baseline measurement. The Greening Government Leadership Council will provide a template for agencies to submit an annual report. These will be published.

RREO Updates - Eric Heyboer

RREO Annual Report for Legislators - Request for Feedback

These reports summarize the RREO request for applications for fiscal year, priorities, tiers, eligibility, detail of funded project (dollar amount, highlights), rebates - who got them and how much, summary of what's happening in upcoming fiscal year and any additional funding opportunities being considered for the coming year.

Dave - The Board talks about what the future of recycling looks like - hub-and-spoke and satellite collection etc. and how interacting with solid waste division. We appreciate the tipping fees being increased but Wisconsin's is ten times larger. I think this report should focus on innovative industries

and push that what this grant does is allow for economic growth in state of Colorado. Ultimately I think the tipping fees should be tied to the Consumer Price Index (CPI). This report needs to highlight how perception differs from reality for recycling in Colorado.

Karen - I suggest the report include some Colorado context on where we are in funding recycling programs, diversion rate etc. and address why our tipping are fees are so low.

Rachel - It's hard to show how these grants are actually doing to improve the diversion rate.

Lindsay - A one-page piece or infographic for project impacts might be helpful for this audience.

Dave - Is there any way to include estimated impacts of projects in the summaries?

Karen - Great format. I suggest including metrics like diversion impact, jobs generated, and dollars generated etc. where possible in the project summaries. Each project's metrics might be different.

Katie - Instead of "summary" as a subtitle, use a more descriptive tagline in project summaries.

Thomas - What about rural areas? Is there anything to show that diversion rates have included in rural areas?

Dave - Could include hub-and-spoke model (gets more mileage with state senate if we show benefits to rural areas). We have more beer brewed per capita than any other state, so impacts related to that industry would be good.

CAFR Update

The PPAB sponsorship of the Colorado Association for Recycling annual meeting entitles the board to one free ticket. The meeting is in Grand Junction from June 12-14th. Rooms available for \$109/night at the Doubletree. Please contact Eric if you're interested in attending.

The agenda and registration will be available soon. The agenda will include an all-morning workshop on sustainable materials management. Damon Carson from Repurpose Materials will be a keynote speaker. The meeting will also explore approaches for Front Range vs. rural communities. There will be a session on statewide waste management plan and an open forum with a representative from the Governor's Office on Tuesday afternoon.

P2 Update - Derek Boer

See attached presentation.

Thomas - Do entities still have to report to fire departments etc.?

Derek - No it's now one-stop reporting to CDPHE and other reporting generally isn't necessary.

Dave - For case study ideas, I suggest reaching out to the American Council of Engineering Companies - CO.

2016 Budget and Objectives Review

See attached presentation on FY 2016 budget allocations and spending from Rachel.

Because funding isn't currently needed for the SARA database and the Board reconsidered its decision to fund the \$15,000 recycling market study/efforts, there is \$34,000 that needs to be spent by June 30, 2016.

Rachel - There was \$50,000-\$60,000 invested for a new SARA database but after it went through now we have a new, leaner process which makes the new database basically irrelevant. Two solutions: the CIMPLE process here at CDPHE - a one-stop-shop for permitting, payment etc. and the SARA data could be rolled into that, the other option is a new division-wide database for the Division of Environmental Health and Sustainability and we could fold SARA into that. Neither option would help the board spend money before June 30th.

Lauren - Rachel and I brainstormed a few possible options and we should open it up for other ideas as well. The Board could fund a few shovel-ready greening government projects, you could increase your existing conference sponsorships, CDPHE is hoping to apply for a Regional Air Quality Council grant to install some additional EV charging stations and would need some matching funds, the Environmental Leadership Program (ELP) will be hosting a training for industry on the new ISO 14,001 Environmental Management System protocol and could use funding, the ELP and/or the Colorado Environmental Partnership could host various trainings around P2 issues.

Dave - Eric, can we contract with a university for the recycling markets study?

Eric - We looked into that but it would still involve a scope of work, PO, management etc. Also, timing isn't ideal with the statewide plan currently underway. If we move too quickly on this, we could duplicate work or even create competing messages and it would be much more productive to collaborate. CDPHE is involved in the stakeholder meetings for the statewide plan.

Karen - If someone has a Greening Government project that's shovel-ready, let's go fund it!

Mary Jo - Could AgriNetX use \$25,000 for ½ acre for the first stage of a demonstration sustainable agriculture project? It would be nice for the Board to support sustainable agriculture closer to the Front Range. It could be a phased project, providing opportunities for educational seminars, data collection and to promote innovative water-wise techniques. It would be great to use this money to educate those outside of government and academia

Quint - Sure.

Rachel - To do a phased project, we can't commit funds for the next fiscal year and if the project phases total more than \$25,000, we have to go to RFP. The Board might want to consider choosing food waste and water-wise technologies in a more long-term way.

Thomas - I agree that it would be great to have something tangible to show what the Board does and cares about. Maybe we should consider regularly dedicating a subset of money for demonstration projects.

Karen - If we move forward with the gardening demo, it would be appropriate to consider a competitive process.

Quint - Agreed. Also worth considering, roughly \$25,000 buys a client an ag feasibility study, which identifies location, water source, production rate, education curriculum etc.

Brad - With such a quick timeline, shouldn't we consider something more concrete? The greening

government projects could be very straight-forward.

Rebecca - Would we need a competitive process for greening government projects?

Rachel - No.

Karen - I agree. Let's make sure we have time to do this one (the garden demo) right.

Katie - A couple of pop-up displays for all the sponsorships that the board does would be helpful.

Karen - I agree.

Lindsay - I like the possibility of funding the ELP EMS training.

Dave - We do all these projects and don't get any recognition. The Water Quality Control Division didn't even know about us. Priority for next year needs to be recognition.

Lauren - In the next few months, I plan to do some promotion about PPAB internally to help raise awareness about the Board and what you all do.

Dave - Lauren please reach out to the greening government folks and create a list of 4-5 shovel-ready projects for us to consider, along with a quote for the display Katie mentioned.

Future Meeting Agendas

Reminder: Next PPAB meeting is February 23, 2016.

Review of 2015 Objectives and 2016 priorities has been moved to the February meeting.

Possible agenda items include:

- 2015 recycling totals
- food waste briefing
- paint stewardship
- 45 min for objectives planning

Members expressed some interest in learning more about diaper and feminine product recycling at some point.

Ideas for possible field trips for early summer are welcome.

Amendment: February Email Vote on Grant Funding

On February 17, 2016, a motion passed to fund the following proposed projects totaling \$34,000:

- *CAEE conference sponsorship and scholarships: \$2,500*
- *Department of Human Services Energy-Saving Pool Cover: \$4,748*
- *CDPHE EV Charging Station Matching Funds: \$12,000*
- *CDPHE ELP ISO Training: \$2,500*
- *Department of Regulatory Affairs Lighting Motion Sensors: \$875*
- *Colorado Energy Office Performance Contracting Feasibility Studies: \$11,377*

