

Keep it Clean Partnership

July 14, 2015

Steering Committee Meeting Minutes

4049 75th Street

Boulder, CO

2:00 - 4:00 p.m.

Attendees:

Janice Lopitz, KICP Project Coordinator

Carrie Powers, City of Lafayette/Public Works

Erin Dodge, Boulder County Public Health/Water Quality

Scott Coulson, Boulder County/Transportation

Kathryne Marko, City of Longmont/Public Works and Natural Resources

Justin Elkins, City of Louisville/Public Works

Russ Sands, City of Boulder/Public Works/Watershed Sustainability

Bret Linenfelser, City of Boulder/Public Works/Water Quality

Mick Forrester, City of Lafayette/Public Works

Wendi Palmer, Town of Erie/Public Works

MaryAnn Nason, City of Boulder/Public Works/Water Quality

Pam Milmoie, Boulder County Public Health/PACE

Heather Bergman, Peak Facilitation Group

I. Approval of Minutes

All

The June Steering Committee minutes were approved

II. Coordinator and Partner Updates

General updates:

- MS4 Permit - the comments have been submitted. We will wait to see the final permit before beginning work on the Program Description Document and the Recording requirements.
- Waters of the State Rule has been finalized.
<http://www2.epa.gov/cleanwaterrule/final-clean-water-rule>
47 states are suing. The National Association of Stormwater Managers and the National Association of Counties are also taking a stance against the rule by participating in Senate Bill 1140.
- SB 212 – notification will begin on August 5. UDFCD will coordinate the development of a notification system. The training has taken place through webinars.
- Watershed monitoring report 2015 recap
 - WWTP data was not submitted by all Partners
 - Parameters for all locations were not submitted by all Partners
 - QA/QC was not submit by all Partners

Several Partners asked the Jane Clary make the case for the submittal of WWTP and QA/QC – she will at the August 4 meeting.

- WERF Nutrient modeling of Boulder Creek

The goals of the Boulder Creek NMT demonstration were to (1) improve the understanding of nutrient-response relations in Boulder Creek; (2) explore the viability of the WERF process at deriving water body-specific nutrients goals; and (3) characterize opportunities, information needs, and barriers to using the WERF process at other sites. These goals were pursued by the development of a calibrated nutrient response model of Boulder Creek.

The project team applied the LINK1T11 process to select and calibrate a nutrient response model of Boulder Creek. Ecological response variables of interest were dissolved oxygen, pH, bottom algae chlorophyll-a, and benthic macroinvertebrates.

After model calibration, the project team applied the model to various exploratory scenarios of nutrient reduction in the Boulder Creek watershed. Maximum feasible nutrient reductions were not predicted to attain the default chlorophyll-a goals or pH criteria at all locations. However, results did indicate that it would be practical to reduce bottom algae and pH in specific stream segments. The model indicated that environmental benefits could be maximized by more phosphorus control and less nitrogen control than would be pursued under default regulations.

These technical findings were used to craft a staged, adaptive nutrient management strategy for Boulder Creek. Overall, the WERF (LINK1T11) process was highly beneficial for understanding the receiving water and improving management strategies.

If stakeholders anticipate the future application of models to set site-specific nutrient goals, it would be recommended to design water quality and periphyton monitoring programs several years in advance. Such model applications would also benefit from regional studies to refine bottom algae parameters.

- Watershed Group Discussion – facilitated by Heather Bergman

 - City of Boulder Scope of Work**

- Communication**

 - Stream Teams, outreach booths
 - Identify locations in the fall; get “nods” of approval from KICP partners at the February KICP meeting
 - Send reminder emails about upcoming events
 - Ensure that KICP contact in a given area is in the loop
 - Note: Does not apply to efforts in schools or businesses unless there is a problem*
 - Print advertising
 - Give KICP partners notice before ads are published to allow them to leverage and/or announce these efforts
 - Provide graphic or link to ad in email

- Mid-Year Report**

 - Focus: data and progress report on mini-campaigns
 - Format: spreadsheets—more data, less design
 - Length: 2 pages
 - Content: tables and some narrative as needed
 - Distribution: Emailed to KICP partners and posted on the website

- End-of-Year Report**

 - Focus: complete report
 - Content: data with narrative about the implications of the work
 - Supporting documents: full dataset (also uploaded to the website; emailed as a separate document)
 - Additional considerations: layout will factor in printing limitations or sensitivities related to color use and length

- Detailed Spreadsheets**

 - Provided at end-of-year only to be posted to the KICP website
 - Available upon request by KICP partners throughout the year

- Invoicing**

 - Remains quarterly

- Graphic Design Expectations and Sharing**

- End-of-year presentation to close out past year and tee up next year's design expectations (February)
- Address feedback before roll-out of new year's product (February)
- Share all graphics prepared under KICP contract with partners in original format

●**Program Content**

- Maintain legacy of current efforts as possible and appropriate
- Discuss with KICP partners targeted pollutants for campaigns (October 2015)

●**Website Maintenance**

- All website issues go to Janice for trouble-shooting
- City of Boulder has operating budget and invoices will be forwarded to City of Boulder for payment

PACE Scope of Work

●**MCM 3: As described in prepared scope of work with these notes:**

- Update Erie businesses in Weld County in database
- Coordinate with mini-campaigns as much as possible

●**MCM 6: As described in prepared scope of work with these notes:**

- Coordinate with partners on trainings and site visits, locations
- Regional training: can be targeted but will not include new content; set the data and announce it; revisit for 2017 if participation is minimal

●**Communication**

- Identify locations in the fall; get “nods” of approval from KICP partners at the February KICP meeting
- Communicate around anything MCM 6
- Note: Does not apply businesses unless there is a problem*

●**Mid-Year Report**

- Focus: progress report on business outreach
- Format: spreadsheets—more data, less design
- Length: 2 pages
- Content: tables and some narrative as needed
- Distribution: Emailed to KICP partners and posted on the website

●**End-of-Year Report**

- Focus: complete report
- Content: data with narrative about the implications of the work
- Supporting documents: full dataset (also uploaded to the website; emailed as a separate document)
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●**Detailed Spreadsheets**

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●**Invoicing**

- Remains quarterly

Future KICP Discussions re Contracts

- Clarification on approach for sharing/leveraging KICP-branded schrag (how to engage with contractor and with vendor)
- Additional discussion on sharing of KICP-funded graphics and associated products
- Discuss design standards at January 2016 meeting

Becoming a Watershed Group

Potential Focal Areas of a Watershed Group

- Habitat restoration
- Stormwater (KICP efforts carried forward)
- TMDLs (current 319 grant efforts carried forward; data-based)
- Fire protection, emergency preparedness
- Drinking source water protection, wastewater treatment
- Sampling, monitoring, data management

Potential Structure of a Watershed Group

- Committees working on topics like those above
- Clear statements of work being done on each topic
- Clarification of the watershed group's purpose and function
- Possibly serving as an umbrella group for other watershed groups in the region
- Could be a regional group (Boulder, Weld Counties)

Reasons to Create a Watershed Group

- Coordination to maintain watershed health
- Shared projects and efforts to address regulations and meet standards (forthcoming example: gray water reuse)
- Sharing information on projects, problems, individual efforts
- Adding credibility to other water quality efforts and partners' jobs
- Leveraging money for staff support (Coordinator, possibly others)
- More organized and focused conversations as the same people meet multiple times on different topics
- Sampling and data repository
- Consistent messaging
- Drought triggers

Next Steps for Watershed Group Discussion

- Boulder County will have an internal meeting about water issues and County goals on July 30, 2015.
- Erin will work with Julie McKay to identification additional groups she should contact about this concept.
- Erin will report outcomes of the Boulder County meeting at the August KICP meeting.
- Jane will join the August KICP meeting to discuss the future of the 319 grant.

MCM 1/2

MCM 3/6

MCM 4/5

The LID training will take place on December 3.

Construction Screenings – are complete with the exception of Boulder County.

Annual/Budget/Permit Workgroup

Budget has been finalized and SOWs were discussed as part of the facilitated discussion.

Closing/Next Steps

All

2015 and 2016 meetings

DATE	Steering	TOPIC
January 6	2-4	Canceled
February 3	2-4	End of year reports, Invoices
March 3	1-4	Facilitated: Program implementation change discussion
April 7	2-4	2016 Budget /Mini campaign
May 5	2-4	Canceled – small group to meet to discuss watershed approach
May 28	9:30-11:30	2014 Annual Monitoring Report
June 2	2-4	Permit discussion
June 18	1:30-3:30	CDPHE Permit discussion with Lisa Knerr
July 14	1-4	Facilitated: Contractor 2016 SOW discussion Watershed approach
August 4	2-4	Mid-year reports - high level discussion Watershed Plan with Jane Clary discussion
September 1	2-4	
October 6	2-4	
November 3	2-4	
December 1	2-4	2016 Budget adoption and contract SOWs.
January 5	2-4	Design Standards
February 2	2-4	End of Year report out