



# 2016 CMF/BMW NUTRIENT WORKSHOP

**Making Progress**

March 22<sup>nd</sup> 2016

REI Denver Flagship Store



# Breakout Session

## Adaptive Management

- **Workgroups 1 & 2:** What are the end points (indicators of success) for an adaptive management program?
- **Workgroups 3 & 4:** How would stormwater, industry, and agriculture integrate into an adaptive management program?
- **Workgroups 5 & 6:** What is the relationship between integrated planning and adaptive management?



# Breakout Session Results

## *What are the end points for an adaptive management program?*

- Watershed-based approach
- Everyone in the watershed participates
- Regulatory roadblocks are removed
- Ability to develop site-specific standards & narrative standards
- Has a feedback loop between the regulators and the regulated
- Protection/improvement of beneficial uses
- Data reflects improvement (not necessarily compliance)
- Improved social perception:
  - Public outreach
  - Collaboration in data collection



# Breakout Session Results

*How would stormwater, industry, agriculture, and wastewater integrate into an adaptive management program?*

- Communication
- Participation from all sectors – localized workgroups that include all
- Incentives
- Trust in working together
- Collaboration between neighboring municipalities
- Pilot projects to prove what works and publication of those results



# Breakout Session Results

## *What is the relationship between integrated planning and adaptive management?*

- Both require prioritization, alternatives analysis, and re-evaluation
- Both can help facilitate improvements for all water quality issues (not just nutrients)
- Both are scalable from facility to watershed to region
- They go hand in hand - Integrated planning allows for initial goal setting while adaptive management is a tool to measure progress and evaluate the integrated plan
- Work together to establish and achieve goals
- Requires constant dialog with regulators and flexibility from the EPA





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