

# Partners for A Clean Environment

## MCM 3

# Illicit Discharge Detection and Elimination



# 2009 PACE Activities

## Activities

- New Sector Outreach
- PACE Allies
- Beyond PACE Sector Outreach
- One-on-One Training
- Continued Outreach to Existing Sectors



# 2009 PACE Activities

## New Sector Outreach

- Conduct site visits with *gas stations and car washes* to survey practices
  - Survey results will be presented at January 26 MCM 3 & 6 subcommittee meeting
- Develop signage for carwashes encouraging the public to use commercial carwashes instead of washing in their own driveways
  - **25** signs printed and ready to post



# 2009 PACE Activities

## New Sector Outreach

	Priority	Contracted Visits	Completed Visits
Boulder	4	7	7
Longmont	3	26	26
Boulder County	3	3	3
Louisville	3	3	4
Superior	3	1	1
Erie	3	2	2
<b>Totals</b>		<b>42</b>	<b>43</b>



# 2009 PACE Activities

## PACE Allies

### Mobile Cleaners

- Online training and test are posted on the BCPH website with a link on the PACE website.
- Sent mailing to all pressure washers in the Denver-Boulder Metro area (45 letters sent).
- Three (3) pressure washers have completed the training and exam, and are recognized as Allies on the PACE website.
- Five (5) city of Boulder employees have taken the training and passed the test.
- PACE shared the training module with the city of Denver who plan to post a version on their website.



# 2009 PACE Activities

## PACE Allies



# 2009 PACE Activities

## PACE Allies

### Landscape Maintenance

- Six (6) landscape maintenance companies have expressed interest in the program.
- Sample of Core Criteria
  - Maintain equipment to ensure high performance
  - Use the water audit to document precipitation rates and train all employees to measure efficiency of irrigation systems
  - Dispose of all waste fluids properly
  - Use documented fertilization plans that ensure quality and minimize runoff and over fertilization
  - Use a documented integrated pest management plans (IPM) for clients that ensures the quality while minimizing runoff
  - Compost all yard waste collected and promote grass-cycling



# 2009 PACE Activities

## Beyond PACE Sector Outreach

PACE response to activities in non-PACE sectors that negatively impact stormwater quality.

- Conduct either at the request of a KICP Partner or when observed by PACE in the field
- Serve as a “first warning” in NOV process at the KICP Partners discretion

Hours may also be used to perform sweeps of targeted areas identified by KIC Partner.



# 2009 PACE Activities

## Beyond PACE Sector Outreach

	Priority	Contracted Hours	Completed Hours
Boulder	1	80	84
Longmont	4	84*	86.5
Boulder County	4	5	5
Louisville	4	4	5
Superior	4	2	2
Erie	4	3	3

\* Additional hours transferred from MCM 6 - hours to be used primarily for targeted sweeps



# 2009 PACE Activities

## Beyond PACE Sector Outreach

Numbers of responses...

- Boulder - 22 (including extensive follow-ups with U-Hill, 29<sup>th</sup> Street, Teahouse)
- Longmont - 6 (2 led to enforcement action)
- Louisville - 4 (letter forwarded to Albertson's)
- Superior - 1 (referred to CDPHE for haz waste issues)

Additional hours in all communities were used to perform educational sweeps



# 2009 PACE Activities

## One-on-One Training

*Conduct one-on-one trainings with facility/property managers to discuss and demonstrate proper methods for exterior cleaning. PACE staff:*

- Inspected facilities, photographing potential stormwater threats
- Incorporated photos into letters describing the threats and recommending BMPs
- Forwarded letters to property managers with packets containing full BMPs, resource sheets and equipment catalogs
- Follow up contacts with nearly 14% of facility / property managers inspected



# 2009 PACE Activities

## One-on-One Training



# 2009 PACE Activities

## One-on-One Training

	Priority	Contracted Visits	Completed Visits
Boulder	2	15	15
Longmont	2	13	14
Boulder County	2	4	2
Louisville	2	3	3
Superior	2	2	2
Erie	2	2	2
<b>Totals</b>		<b>39</b>	<b>38</b>



# 2009 PACE Activities

## One-on-One Training

- RLET Properties (many Longmont properties including Ken Pratt Center ) - thanked PACE for the information and said they would speak to restaurants about grease storage and cigarette disposal.
- Jim McCormick w/ TEBO - said he didn't know about the regulations and will be sure the tenants do a better job of maintaining the premises.
- Kawasaki Motorcycles in Longmont - had set up a cleaning and detailing center in the back of the business - after the letter, the entire operation was moved inside.



# 2009 PACE Activities

## Continued Outreach to Existing Sectors

Site visits with *auto repair, auto body, restaurant and retail businesses* to ensure compliance with stormwater regulations and BMPs

	Priority	Contracted Visits	Completed Visits
Boulder	3	40	149
Longmont	1	71	79
Boulder County	1	6	6
Louisville	1	5	7
Superior	1	3	4
Erie	1	4	5
<b>Totals</b>		<b>129</b>	<b>250</b>



# Proposed 2010 Activities

- New Sector Outreach
  - Continue outreach to car washes and gas stations
- PACE Allies
  - Mobile Cleaners
  - Hood Cleaners
  - Landscape Maintenance
  - Carpet Cleaners
- One-on-One Training
  - Homeowners Associations
  - Multi-family residential properties
- Outreach to Existing Sectors and Beyond
- Distribute DIY Brochures



# 2010 Planning

## Continue Outreach to Existing Sectors

Site visits with *auto repair, auto body, restaurant and retail businesses* to ensure compliance with stormwater regulations and BMPs

- Tailor enforcement message based upon community activities
- PACE Re-Design will focus outreach on fewer businesses and require more aggressive action



# 2010 Planning

## New Sector Outreach

Outreach to new sectors including *gas stations and car washes* to ensure compliance with stormwater regulations and BMPs

- Gas Stations

- Based on survey results, we believe gas stations pose significant threat
- Anticipate photographing threatened discharges and sending them with BMP letter to owners

- Car Washes

- Create inventory
- Post printed signs equitably across KICP communities
- Coordinate messaging with MCM1



# 2010 Planning

## PACE Allies

Provide businesses with a list of service providers that understand and are able to follow stormwater BMPs

- Mobile Cleaners
  - Continue to recruit
- Hood Cleaners
  - Identify operations via restaurants and Fire Marshall's
  - Develop BMPs and distribute via same
- Landscape Maintenance
  - Develop marketing program
  - Work with one-on-one
  - Develop and include information on permanent BMPs
- Carpet Cleaners
  - Develop online training (e.g., Mobile Cleaner Allies)



# 2010 Planning

## One-on-One Training

Conduct one-on-one trainings with facility/property managers to discuss and demonstrate proper methods for exterior cleaning

- Focus on managers of HOAs and Multi-Family Residences
  - Perform research and develop mailings
  - Conduct individual site visits with interested parties



# 2010 Planning

## Outreach Beyond PACE Sectors

PACE will respond to activities that negatively impact stormwater quality in non-PACE sectors

- Illegal discharges observed frequently
- Incorporate “sweeps” (i.e., work with partners to identify areas / neighborhoods to focus on)
- Provide immediate follow up / coaching on observed illicit discharges
- Follow up with partners on any needed enforcement actions and tailor approach



# 2010 Planning

## Outreach to Equipment Rental Shops

PACE will distribute the Do-it-Yourself Brochure to equipment rental shops and educate shop staff to ensure that they are properly washing and servicing their equipment



# 2010 Planning

## SOPs and Work Plan

PACE will develop written SOPs for each activity. SOPs will detail -

- Work to be performed
- How tasks will be completed
- Information to be recorded and reported
- Deliverables



# 2010 Planning

## SOPs and Work Plan

The Work Plan will identify who will be performing the task, when the tasks will be performed, milestones and deliverable dates.

The SOPs and Work Plan will be developed during the 1<sup>st</sup> quarter and presented at the March 30 MCM 3 & 6 Subcommittee meeting.



# 2010 Planning

## Re-Prioritize?

- Would you like to change your prioritization of these activities?
- What other business outreach would you like to see?



# 2010 Planning

## We Need Your Input!

Are you enforcing/issuing fines?

- Let us know when you do

Where are your primary stormwater concerns?

- Commercial businesses, light industry

Where are you seeing improvement?

- Pressure washing



# Thank You

PACE looks forward to continued success working with KICP

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with any questions

