BRAKE PAD PARTNERSHIP

Stakeholder Conference

Tuesday, July 31, 2007
9:00 a.m. to 4:30 p.m.

AGENDA

9:00 a.m.	*Sign-in, coffee & refreshments*	
9:30 a.m.	Welcome and Introductions	
9:40 a.m.	Brake Pad Partnership Overview	*Sarah Connick, Sustainable Conservation*
	◆ Setting the context for today's meeting: overview and expectations	
9:55 a.m.	What the Partnership Has Learned About Brake Pads	
	◆ About brake pads	*Bob Peters, Akebono-USA* *Chris Shepley, Brake Parts Inc.* *Mark Phipps, Morse Automotive*
	◆ About brake pad wear debris	*Mark Schlautman, Clemson University*
11:15 a.m.	*Break*	
11:30 a.m.	What the Partnership Has Learned About Copper and Brake Pad Wear Debris Transport in the Environment	
	◆ Conceptual overview	*Jim Pendergast, USEPA*
	◆ Copper Sources	*Kirsten Rosselot, Process Profiles*
	◆ Air Deposition Modeling	*Betty Pun, AER*
12:15 p.m.	*Lunch (for attendees who registered)*	
1:00 p.m.	◆ Watershed Modeling Results	*Tony Donigian, AQUA TERRA*
1:45 p.m.	◆ Plans for Bay Modeling	*Terry Cooke, URS Corporation*
2:00 p.m.	*Break*	
2:15 p.m.	Translating Information into Action	
	◆ Recap	*Jim Pendergast, USEPA*
	◆ Timelines	*Sarah Connick, Sustainable Conservation* *Bob Peters, Akebono-USA* *Chris Shepley, Brake Parts Inc.* *Kelly Moran, TDC Environmental*
	◆ Open Discussion	
	◆ Next Steps	
4:15 p.m.	Wrap Up Summary	*Sarah Connick & Steering Committee*

OBJECTIVES:

- Clarify historical and current context for the Brake Pad Partnership's work for a broad group of stakeholders.

- Communicate progress and engage stakeholders and the public in dialogue to provide feedback and direction for the Brake Pad Partnership Steering Committee.

- Provide an update on brake pad manufacturers' copper usage in terms of functionality, performance requirements, research on copper reduction, and industry copper use trends.

- Review relevant TMDL timelines in Southern California, and discuss implications for the partnership work.

- Review and discuss key lessons learned from technical work products,

and

- Identify and discuss critical issues and challenging points of uncertainty, how they impact the project, and how they should be addressed:
  - Quickly review what we learned from:
    - Generation and characterization of brake pad wear debris
    - Water quality monitoring
    - Air deposition monitoring
    - Copper source loading estimates
  - Review, identify what we learned, and discuss recently completed technical studies:
    - Air deposition modeling
    - Watershed modeling
  - Review and discuss planned bay modeling

- Lay out key issues and areas of uncertainty for consideration in determining next steps:
  - Timeframes for phase-in of new products on new vehicle platforms
  - Timeframes for phase-in of new products on existing vehicles
  - Overall timeframe for a transition of materials on regional vehicle fleets
  - Timeframes for response in the watershed
  - Aftermarket and original equipment supplier market structures

- Discuss and obtain input on next steps for addressing brake sources of copper.

- Answer frequently asked questions.