

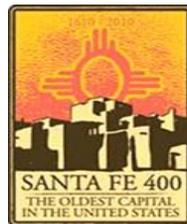


12th Annual EPA Region 6 MS4 Operators Conference June 21-25, 2010



Jack Parsons

In Partnership with U.S. Environmental Protection Agency and the States and Tribes of the Region 6
Hosted by



City of Santa Fe



South Central Chapter International Erosion
Control Association

The Santa Fe Community Convention Center
201 West Marcy Street
Santa Fe, New Mexico 87501

2010 EPA Region 6 MS4 Operators Conference

Santa Fe Community Convention Center, 201 West Marcy St., Santa Fe, NM

The following pre-conference class is offered on Sunday and Monday a.m. at the El Dorado Hotel. Separate registration is required. The EPA Conference begins at 1:00 p.m. on Monday at the Santa Fe Community Convention Center.

- **Certified Municipal Separate Storm Sewer System Specialist (CMS4S)**-sponsored by the South Central Chapter of the International Erosion Control Association (SCIECA)

Note: The Certified Professional in Erosion and Sedimentation Control and Certified Erosion, Sedimentation and Storm Water Inspector pre-conference courses have been cancelled due to lack of registration.

For more information, visit www.envirocertintl.org and www.scieca.org.

Pre-conference Classes at the El Dorado Hotel

Sunday, June 20

7:00-7:55	Breakfast
8:00-9:55	CMS4S Review Course (Lori Gates, Christopher B. Burke Engineering, Ltd.)
10:00-10:25	
10:30-11:55	CMS4S Review Course (Lori Gates, Christopher B. Burke Engineering, Ltd.)
12:00-12:55	
1:00-2:55	CMS4S Review Course (Lori Gates, Christopher B. Burke Engineering, Ltd.)
3:00-3:25	
3:30-5:00	CMS4S Review Course (Lori Gates, Christopher B. Burke Engineering, Ltd.)
On Your Own	

Danish and coffee will be provided in the morning, lunch will be provided and an afternoon break with drinks will be provided.

Monday, June 21

7:00-7:55	Breakfast
8:00-9:55	CMS4S Exam (Lori Gates, Christopher B. Burke Engineering, Ltd.)
10:00-10:25	
10:30-11:55	CMS4S Exam (Lori Gates, Christopher B. Burke Engineering, Ltd.)
12:00-12:55	Lunch

Monday, June 21

EPA Conference Begins at the Santa Fe Community Convention Center

8:00-5:00	Registration at Santa Fe Community Convention Center-LOBBY
2:00-5:00	Exhibits Open-SWEENEY E
1:00-3:00	Storm Water 101-SWEENEY A (Brent Larsen, EPA)
3:00-3:30	Break & Refreshments-SWEENEY E
3:30-5:00	Storm Water 101-SWEENEY A Continued

Tuesday, June 22

7:30-5:00	Conference Registration (Santa Fe Community Convention Center) -Lobby			
8:00-8:30	Welcome and Opening Plenary-SWEENEY E & F Miguel Flores, EPA Director of Water Quality Protection			
8:30-5:00	Exhibit Hall Open-SWEENEY E			
	Track 1-Sweeney A Sustainable Development	Track 2-Sweeney C Legal/Policy	Track 3-Sweeney D Erosion Control – EPA NMED Stormwater Panel Discussion	Track 4-Sweeney B MS4 Workshop - Municipal Regulatory Stormwater Inspector Training
8:30–10:00	Green Infrastructure and Low Impact Development in Semi-Arid Environments: The Albuquerque Experience (J. Steven Glass, Bernalillo County), (KT Labadie, UNM) City Trees: The Green in Green Infrastructure (Nicholas T. Kuhn, City of Albuquerque)		Complying with a Federal 5% Plan for Particulates-How Emissions Inventory are Calculated and Play a Significant Role in the Formulation of a Strategy for Compliance with a State Implementation Plan (Cameron Flower, Kitchell Environmental)	Construction General Permit Inspector Training (Ken Aubuchon, EPA Region 6)(Sarah Holcomb, NMED)
10:00-10:30	Break & Refreshments –SWEENEY E			
10:30-12:00	Rainwater Harvesting at the Santa Fe Railyard Park (Richard Jennings, Earthwrights Design) Green Infrastructure and Low Impact Development: The New Mexico Office of the State Engineer Perspective (John D’Antonio, PE, NM State Engineer)		Ask EPA and NMED – Panel Discussion Stormwater Issues	Industrial General Permit Inspector Training (Ken Aubuchon, EPA Region 6)(Sarah Holcomb, NMED)
12:00-1:30	Lunch -SWEENEY E & F David Coss, Mayor, City of Santa Fe			

Tuesday, June 22

	Track 1-Sweeney A TMDLs and Stormwater	Track 2-Sweeney C Phase II MS4 Issues	Track 3-Sweeney D Erosion Control	Track 4-Sweeney B MS4 Workshop - Municipal Regulatory Stormwater Inspector Training
1:30-3:00	<p>TMDLs and the Stormwater Program (Heidi Henderson, New Mexico Environment Department))</p> <p>New Mexico TMDL Program Overview, Focusing on the 2010 Middle Rio Grande E.coli TMDL as a Stormwater TMDL Case Study (Heidi Henderson, New Mexico Environment Department)</p>	<p>Preparing for a Phase II MS4 Audit/Evaluation (Joe Willingham, PE, ODEQ), (Wayne T. Craney, PE, ODEQ), (Carrie Evenson, Ph.D, ODEQ), (Aaron Milligan, City of Norman, OK), (Ben Berry, City of Tahlequah, OK)</p>	<p>Green Solutions for Cost Effective Stormwater Compliance (Doug Deem, ScourStop)</p> <p>Why the Ground Lags Behind Academia in Stormwater (Carr Parish, ERTEC Systems)</p>	<p>Construction Site Inspection Field Activity (Ken Aubuchon, EPA Region 6)(Sarah Holcomb, NMED)</p>
3:00-3:30	Break & Refreshments / Visit Exhibitors-SWEENEY E			
	Track 1 -Sweeney A TMDLs and Stormwater	Track 2-Sweeney C Phase II MS4 Issues	Track 3-Sweeney D Erosion Control & Effluent Limitation Guidelines	Track 4-Sweeney B MS4 Workshop - Municipal Regulatory Stormwater Inspector Training
3:30-5:00	<p>303(d) and TMDLs and Their Future Impacts on Stormwater Programs (Richard Smith, INCOG)</p> <p>Biofilms Revisited – Bacteria Fate and Transport in Urban Areas (Linda D. Pechacek, PE, LDP Consultants, Inc.)</p>	<p>CMS4S - The New National Certification for MS4 Operators (Lori Gates, EnviroCert International, Inc.)</p>	<p>An Integrated Approach to Mitigating Sediment Transport in the Los Alamos/Pueblo Canyon Watershed (Steve Veenis, Los Alamos National Lab)</p> <p>Effluent Limitation Guidelines For the Construction and Development Point Source category (Michael F. Bloom, PBS&J)</p>	<p>Construction Site Inspection Field Activity Continued</p>
5:00-7:00	Conference Reception TBD-Check at Registration for location (Cash Bar)			

Danish and coffee will be provided in the morning, lunch will be provided and an afternoon break with drinks will be provided.

Wednesday, June 23

8:00-10:00	Conference Registration (Santa Fe Community Convention Center) -LOBBY			
8:30-12:00	Exhibit Hall Open-SWEENEY E			
8:30-9:30	State Breakout / Open Forum Q&A Qualified representatives from each state in five separate rooms: Arkansas(Sweeney C), Louisiana(Sweeney D), New Mexico(Sweeney A), Sweeney B, Texas(Sweeney F)			
	Track 1-Sweeney C Public Outreach/Education	Track 2-Sweeney A Sustainable Development	Track 3-Sweeney D Illicit Discharges	Track 4-Sweeney B Stormwater Technology
9:30-10:00	SPLASH: Stormwater Permittees for Local Awareness of Stream Health (Carrie Powers, Southeast Metro Stormwater Authority)	How Low Impact Development Facilities May/May Not Impact Flood Control Facilities (Sharon Procopio, PE, WHPacific)	RACER (Risk Analysis, Communication, Evaluation and Reduction) Project (Sarah Wolters, NM Community Foundation)	Numerical Modeling of Stormwater Solids Transport as a Design Aid for Stormwater BMP Structure (Jungseok Ho, JH Hydraulic Consulting)
10:30-11:00	Break & Refreshments / Visit Exhibitors-SWEENEY E			
11:00-12:00	Stormwater & Human Illness: A Brief Medical Review (Dr. Steven Pike)	Low Impact Development Demonstration/Validation at a Southeastern Army Installation (John Wellborn, Ft. Gordon, GA) Sustainable Development & Santa Fe: A Green City (Wendy Blackwell, City of Santa Fe)	San Antonio Water System Illicit Connection Detection Program (Phil Handley, SCIECA)	New User Interface Features for the International Stormwater BMP Database (Catherine Elliott, HCFCD), (Michael Bloom, PBS&I)
11:45-1:00	Lunch-SWEENEY E & F Miguel Flores, EPA Director of Water Quality Protection			

Wednesday, June 23

	Track 1-Sweeney C Case Studies	Track 2-Sweeney A Industrial Stormwater Management	Track 3-Sweeney D Shoreline and Stream Bank Protection & Restoration	Track 4-Sweeney B Stormwater Technology & Green Infrastructure
1:30-3:00	<p>How do stormwater events in the North Diversion Channel affect Dissolved Oxygen in the Rio Grande (Kevin Daggett, AMAFCA), (Stephanie J. Moore, Daniel B. Stephens & Assoc.)</p> <p>Stormwater Management at Bernalillo County, NM: Seven Years of Progress (J. Steven Glass, Bernalillo County)</p>	<p>Industrial Stormwater Management Issues Unique to Airports (Paul Karas, CDM)</p> <p>San Antonio Water System Industrial Stormwater Program (Phil Handley, SCIECA)</p>	<p>Stream Restoration in an Urban Environment: Defining “Stable” in Downtown Fort Worth (Heather G. Harris, PE, CH2M Hill)</p> <p>Lake Tahoe, California – Lake Shore Shoreline Stabilization and Restoration (James Chincholo, Landslide Solutions, Inc.)</p>	<p>Green Infrastructure in Arid and Semi-Arid Climates (Tamara Mittman, EPA HQ). Teleconference</p> <p>Constructing Stormwater Infiltration Gardens Along the Arroyo de Los Chamisos (Van Clothier, Earth Works Institute)</p>
3:00-3:30	Break & Refreshments / Visit Exhibitors-SWEENEY E			
	Track 1-Sweeney C Case Studies	Track 2-Sweeney A Working With the Regulated Community to Improve Compliance	Track 3-Sweeney D Stream Bank Protection & Restoration	Track 4 -Sweeney B Structural BMPs – Post Construction
3:30-4:30	<p>Stormwater Enforcement from the Developer/Contractor Perspective (Dan Dolan, PE, Attorney at Law, Dolan & Assoc.)</p> <p>MS4 Case Studies (Diana McDonald, EPA Region 6)</p>	<p>Texas Association of Builders (TAB) Stormwater Self-Assessment Education/Compliance Program (Phil Handley, SCIECA)(Jimmy Eanes, IECA)(Diana McDonald, EPA Region 6)</p> <p>CSC - The Colorado Stormwater Council (Carrie Powers, SEMSWA)(Sandy McDonald, City of Arvada)(Susan Strong, City of Ft. Collins)</p>	<p>319 Stream Bank Protection & Restoration Project (Daniel Guevara, NMED)</p> <p>Developing a Living Santa Fe River (Claudia Borchert, City of Santa Fe)</p>	<p>Structural BMPs for MS4 Compliance (L. Brad Sumrall, PE, Bohannon Huston, Inc.)</p> <p>Post Construction: “What is Going on Out There?” (Janet Paith, Kleenco USA)</p>
5:30-6:30	Copa de Vino Sponsored by Tortilla Flats Restaurant Light Hors D’oeuvre & Refreshments			
7:00-8:30	Mariachi and Dance Group Performances Lensic Center for the Performing Arts			

Danish and coffee will be provided in the morning, lunch will be provided and an afternoon break with drinks will be provided.

Thursday, June 24

8:00-10:00	Conference Registration (Santa Fe Community Convention Center))-LOBBY	
8:30-5:00	Exhibit Hall Open	
8:30-9:30	Stormwater Rulemaking Update-SWEENEY E & F (Holly Galavotti, EPA HQ) (Brent Larsen, EPA Region 6)	
9:30-10:00	Break & Refreshments / Visit Exhibitors-SWEENEY E	
10:00-11:45	Watershed Based Permit Pilot in the Middle Rio Grande-SWEENEY E & F (Holly Galavotti, EPA HQ), (Nelly Smith, EPA Region 6)	
11:45-1:00	Funding Opportunities with EPA (Sarah Holcomb, Graham Knowles, Heidi Henderson, NMED)	
11:45-1:00	Lunch	
1:15-5:00	<p style="text-align: center;">SANTA FE FIELD TRIP</p> <p>1:30-2:30 Arroyo de Los Chamisos Stormwater Infiltration Gardens</p> <p>2:45-3:30 Santa Fe Botanical Gardens</p> <p>3:45-4:45 Railyard Park Rainwater Harvesting</p>	<p style="text-align: center;">ALBUQUERQUE AREA FIELD TRIP</p> <p>1:15-2:00 Travel from Santa Fe</p> <p>2:00-2:15 North Diversion Channel Outfall to Rio Grande</p> <p>2:30-2:45 La Cueva Arroyo Stormwater Quality Facility</p> <p>3:00-3:15 North Domingo Baca Arroyo Stormwater Quality Facility</p> <p>3:30-3:45 North Pino Arroyo Stormwater Quality Facility</p> <p>4:00-4:15 Bear Arroyo Stormwater Quality Facility</p> <p>4:30-4:45 Vinyard Arroyo Stormwater Quality Facility</p> <p>4:45-5:30 Travel to Santa Fe</p> <p>(Times are approximate. Itinerary is subject to change so that participants will arrive in Santa Fe in time for EPA Banquet.)</p>
Field Trip Refreshments and Snacks Courtesy of Joe B. Engineering, Inc.		
6:00-9:00	EPA Awards Banquet (with cash bar) Hotel Eldorado	
Danish and coffee will be provided in the morning, lunch will be provided and an afternoon break with drinks will be provided.		

Friday, June 25

7:30-10:30	Continental Breakfast/Networking	
	Track 1-Sweeney A Compliance	Track 2-Sweeney B Urban & Community Forestry
8:30-10:30	Reporting to Regulatory Agencies (Thea Lomax, EPA Region 6) Teleconference	Urban & Community Forestry Roles in Green Infrastructure (Lance Davisson, New Mexico State Forestry Division) (Macario Herrera, USDA Forest Service – State & Private Forestry) El Parque del Rio – New Methods for Using Stormwater Beneficially Along the Santa Fe River Parkway (Kenneth Francis, ASLA,RLA,RA, Surroundings)
10:30-12:00	Closing Plenary-SWEENEY E & F Who will host in 2011?	

Conference Adjourned

Danish and coffee will be provided in the morning.