



8th Annual

NEW MEXICO ENVIRONMENTAL HEALTH CONFERENCE

October 20-22, 2003

Historic Sheraton Old Town Hotel
Albuquerque, New Mexico U.S.A.



PRELIMINARY
PROGRAM

Building Partnerships for Healthy Communities

www.nmehc.org

*The Premier Southwest Regional
Environmental Health Conference*



NMEHC-2003

ABOUT NMEHC-2003

The New Mexico Environmental Health Conference in seven years has grown into the premier southwestern and mountain states regional conference, attracting participants from all over the country. The original goals have remained the same: to bring people together from all segments of the community to form lasting partnerships in working together to solve complex environmental health problems. At the same time, conference attendees receive the latest in professional development, management and planning ideas, cutting-edge technology and research, and a deep insight into community, regional and border issues facing all of us. Through the generosity of sponsors and exhibitors, all this is being provided at a low registration fee which allows more people to attend a quality conference.

NMEHC-2003 will bring together participants, presenters and exhibitors from all levels of government, private businesses, educational institutions, research laboratories, military personnel, professional associations, and community and tribal organizations. Attending will be environmental and public health professionals, private companies, educators and students, technicians, scientists, engineers, elected officials, regulatory personnel, ranchers, farmers, real estate developers, food service providers, water system operators, wastewater system installers, emergency response personnel, the media, community leaders, and many more.

NMEHC-2003 is organized around five concurrent tracks of educational sessions:

- **Environmental Health Innovations** (Pollution Prevention, Developing Technologies, Remediation techniques and more)
- **Community Health Protection** (Emerging Health Problems, Land Use and Urban Sprawl, Education and Outreach and more)
- **Emergency and Disaster Management** (Environmental Security, Anti-Terrorism Preparedness, Emergency Response, Incident Command Systems training)
- **Special Areas of Environmental Interest** (Border & Native American Issues, Energy Efficiency & Sustainability, Injury Prevention & Occupational Health and more)
- **Air Quality Issues** (Indoor and Outdoor)

These tracks will have presentations, training and panel discussions on Waste Issues (Liquid, Solid, Hazardous & Radioactive), Water Resources (Surface and Ground Water), Food Safety & Protection (Farm to the Table), Vectors, Zoonoses and many, many more topics.

KEYNOTE SPEAKERS

Opening Session: Monday, October 20, 8:30 am–10:00 am

VICE ADMIRAL RICHARD H. CARMONA, M.D., M.P.H., F.A.C.S., United States Surgeon General (invited)

Dr. Carmona is the 17th Surgeon General of the United States. His medical career began as a U.S. Army Special Forces Medic

and a combat-decorated Vietnam veteran. After leaving the Army, Dr. Carmona attended several colleges and universities and graduated in 1979 with a medical degree from the University of California where he was top graduate. He also earned a Masters in Public Health from the University of Arizona in 1998. Dr. Carmona is also a fellow of the American College of Surgeons. Prior to being named Surgeon General, Dr. Carmona was the Chairman of the Arizona Regional Emergency Medical System. He has also served in many other positions of responsibility in the medical field, has published extensively, and received many awards, decorations and local and national recognition for his achievements.

DR. FLOYD HORN, Administrator, Agricultural Research Service, U.S. Department of Agriculture, Washington, D.C.

Dr. Horn's career with the USDA spans over 33 years. Prior to his current position, Dr. Horn was Director of Food, Agriculture and Water Security at the White House Office of Homeland Security. He was honored for meritorious government service by President George Bush in 1991 and by President Clinton in 2000. Dr. Horn's talk will be "Countering Terrorist Attacks on U.S. Agriculture and Our Food Supply System."

DR. SARAH E. ALLEN, Health Sciences Center, University of New Mexico

Dr. Allen's topic will be "Tuberculosis: Today's Disease and Treatment in the United States and the Third World." She specializes in Internal Medicine and Infectious Diseases. She graduated from the University of Louisville Medical School earned an Infectious Diseases fellowship from the University of New Mexico School of Medicine, where she is currently an Assistant Professor of Medicine.

Main Conference Luncheon: Wednesday, October 22, 11:30 am–1:00 pm

GOVERNOR BILL RICHARDSON, State of New Mexico

Few can match the successful and fulfilling career in public service, academia and the private sector as New Mexico Governor Bill Richardson. He served for fifteen years in northern New Mexico representing the 3rd Congressional District. In 1997, Bill Richardson was nominated to be the U.S. Ambassador to the United Nations where he addressed many difficult international challenges and crises all over the world. In 1998, Bill Richardson was unanimously confirmed by the United States Senate as Secretary of Energy. Governor Richardson was nominated four times for the Nobel Peace Prize. Returning to New Mexico, he was elected governor and sworn into office on January 1, 2003.

CONFERENCE INFO

CONFERENCE REGISTRATION

Full conference registration includes all of the following events. Anyone registering for only one day of the conference will have the special events for that day included in the One-Day Registration.

Monday, October 20

Continental Breakfast, Opening Session, Keynote Speakers, Networking Roundtable Sessions, Buffet Luncheon in Exhibit Hall, Grand Reception in the Exhibit Hall.

Tuesday, October 21

Continental Breakfast, Buffet Luncheon in Exhibit Hall.

Wednesday, October 22

Continental Breakfast, Main Conference Luncheon, Keynote Speakers.

Some of the educational tracks include field trips to environmental sites as part of the track session. All transportation is provided free. Prize drawings will be held during all open exhibit hours in the exhibit hall.

CONFERENCE HOTEL

The Sheraton Old Town Hotel, 800 Rio Grande Blvd. NW, Albuquerque, NM 87104, where NMEHC-2003 will be held, is located within walking distance of historic "Old Town Albuquerque" with over 200 shops, museums and restaurants. The Sheraton has provided very special room rates for participants at our conference. However the block of rooms is limited and rates are guaranteed only until September 19, 2003. You are encouraged to make reservations early. When registering, you must mention that you are attending the New Mexico Environmental Health Conference to get the special rates. Rates are: \$72 (plus tax) single or double. Use only these phone numbers for the special NMEHC-2003 rate: 1-800-237-2133 or (505) 843-6300.

EXHIBITOR INFORMATION

NMEHC-2003 will accommodate up to 75 exhibit booths. This is an excellent opportunity to market your products and services to the expected 600 or more attendees. The exhibit booth fee includes full conference registrations for two people of your choice and recognition in the conference program and on the conference web site for a period of one year. Each booth is 10' X 10' with 8' draped rear wall and draped 3' high side rails, a 6' draped table, two chairs and signage. Electrical connection is included at no extra cost.

Exhibit Fee: \$590 through June 30, 2003, \$640 from July 1 through September 1, 2003 and \$690 after September 1, 2003.

Exhibit hours are designed so that no track session occurs at the same time. To encourage maximum exhibit hall participa-

tion, two buffet luncheons, the exhibitor reception and all prize drawings will be held in the exhibit hall. Visit our web site at www.nmehc.org for detailed information or phone Tom Duker at (505) 314-0324.

EXHIBIT HOURS:

Sunday, Oct. 19	11:30 am – 6:00 pm	Move-in and Set-up
Monday, Oct. 20	6:00 am – 10:00 am	Move-in and Set-up
	10:30 am – 2:30 pm	Exhibits Open, Luncheon
	4:30 pm – 6:30 pm	Exhibitor Reception
Tuesday, Oct. 21	10:00 am – 2:00 pm	Exhibits Open, Luncheon
	2:00 pm – 5:00 pm	Exhibit Move-out

SPONSORSHIP OPPORTUNITIES

Sponsorship is an excellent means of advertising your organization or company to the attendees of NMEHC-2003, increasing your presence in New Mexico and helping sustain this worthwhile annual conference.

Sponsors will receive recognition in the conference program, on our web site and be acknowledged at the opening session and main luncheon. Many additional incentives and benefits are given in exchange for the level of sponsorship you achieve. Please visit our web site for full details or contact Tom Duker at (505) 314-0324.

Pre-Conference Opportunity!

CERTIFIED HAZARDOUS MATERIALS MANAGER (CHMM) OVERVIEW COURSE & EXAM

NM Society of Hazardous Materials Managers (NMSHMM)
UNM Dept of Risk Mgmt/Safety, Health & Environmental Affairs
October 14-17, 2003 • UNM – Albuquerque Campus

The CHMM Overview Course will be delivered Tuesday through Thursday, October 14-16. The CHMM Exam, administered by the national Institute of Hazardous Materials Management (IHMM), will be proctored the morning of Friday, October 17 at the same location. This high quality course was developed by the national Academy of Certified Hazardous Materials Managers (ACHMM) and is an excellent overview of the hazardous materials management profession for both introductory or refresher training purposes. It covers topics such as identification & management, impacts on human health & the environment, protection of human health, environmental protection & restoration, releases to land & water, air & groundwater pollution, regulatory compliance, and multimedia environmental management. The exam is offered separately from the course and therefore course attendees are not required to sit for the exam. Visit NMSHMM's web site at www.nmshmm.org for details. You can also contact Larry Watson at (505) 277-5488 or via email at lwatson@unm.edu.

SHORT COURSES

REFRESHER COURSE FOR THE NAWT INSPECTOR CERTIFICATION

Sunday, 19 October, 8:30 am – 5:00 pm

This one-day refresher course fulfills the requirement for renewing the NAWT (National Association of Wastewater Transporters) Inspector Certification every two years. Participants will meet in the hotel classroom and go over the inspection protocol and be given information and background for two sites they will visit during the day. Transportation will be provided to these two sites where participants will run through the inspection protocol and make a decision on the acceptability of what they see, as well as go through the inspection report, then returned to the hotel classroom for a debriefing session. A Continental Breakfast will be provided at the beginning of the class and a box lunch at one of the sites.

Instructors: James Anderson, Ph.D., Department of Soil, Water & Climate, University of Minnesota and Dave Gustafson, PE, Woodland Engineering. **Cost:** With either one-day (\$90 until 9/30/03, \$115 after 9/30/03) or full three-day NMEHC Registration (\$160 before 9/30/03 and \$195 after 9/30/03).

NAWT INSPECTION TRAINING & CERTIFICATION COURSE FOR ONSITE SEWAGE TREATMENT SYSTEMS

**Monday, 20 October, 8:00 am – 5:00 pm and
Tuesday, 21 October, 8:00 am – 5:00 pm**

Bernalillo County, New Mexico Liquid Waste Ordinance requires this mandatory certification for all onsite wastewater system evaluators. This two-day course will provide an introduction to onsite sewage treatment systems as well as a concentration on inspector training and certification. Your successful completion of this program and examination will provide you with a two-year National Inspection Certification issued by NAWT (National Association of Wastewater Transporters). This program is endorsed by the U.S. Environmental Protection Agency and completion of this course also enables inspectors to be qualified to take the NSF Certification Program Test. Government regulators and experienced industry professionals will both obtain significant education and value from taking this course.

Instructors: James Anderson, Ph.D., Department of Soil, Water & Climate, University of Minnesota and Dave Gustafson, PE, Woodland Engineering. **Cost:** With full three-day NMEHC Registration (\$160 until 9/30/03, \$195 after 9/30/03). This registration, in addition to the courses, also includes all breakfasts and luncheons, the exhibitors reception and all other conference sessions and events.

THE PUBLIC HEALTH AGENCY ROLE IN THE INCIDENT COMMAND SYSTEM

Monday, 20 October, 8:30 am – 4:30 pm

This daylong training will describe how public and environmental health agencies fit into the ICS and identifies their unique role during a bio-terrorism event or other major disaster. Included in this course will be training on the Emergency Preparedness Incident Command Simulation (EPiCS) system, a tool for crisis managers and their staffs to exercise command and control in a realistic environment computer simulation. Faculty from federal, state and local agencies will also assist in leading this course, which will include a tabletop exercise. Participants will receive a Certificate of Attendance.

Instructors: Michael R. Fraser, Ph.D., Deputy Executive Director & Senior Advisor, National Association of County & City Health Officials, Washington, D.C., Julie A. Seton Ph.D., White Sands Missile Range, NM, and Captain Don Scott, Bernalillo County, NM Emergency Manager. **Cost:** Included with NMEHC registration.

ENVIRONMENTAL MANAGEMENT SYSTEMS SEMINAR

Monday, 20 October, 8:00 am – 4:30 pm

This course will highlight important aspects to developing and implementing effective environmental management systems (EMS). Aspects of EMS that will be covered include Continuous Process Involvement, Information Management, Planning, Employee and Stakeholder Involvement, Leadership and Environmental Aspects and Impacts. By the end of this one-day course, participants should understand the basic premise of EMS and how it can function effectively within their organizations.

Instructor: Jeff Weinrach Ph.D., President, Weinrach Consulting. **Cost:** \$195

CERTIFIED POOL OPERATOR COURSE

**Tuesday, 21 October, 8:00 am – 4:00 pm and
Wednesday, 22 October, 8:00 – 4:00 pm**

The CPO course is designed to provide pool and spa operators with the basic knowledge and techniques and skills of pool and spa operation. Topics covered include: filters and filtration, circulation and re-circulation equipment, chemical testing and treatments, maintenance and management plans as well as energy management. Upon successfully passing the examination, you will be credentialed as a Certified Pool Operator through the National Swimming Pool Foundation (NSPF).

SHORT COURSES

Instructor: James Dingman, R.E.H.S., D.A.A.S., Senior Regulatory Services Representative, Underwriters Laboratories, Inc., Northbrook, IL. **Cost:** \$75 in addition to full three-day NMEHC registration (\$160 before 9/30/03 and \$195 after 9/30/03) or \$250 without NMEHC registration (\$285 after 9/30/03). Continental breakfasts and luncheons are included.

ARSENIC IN WATER TECHNOLOGY VENDORS FORUM AND THEME SESSION

Theme Session: Tuesday, 21 October, 1:30 – 4:30 pm

Vendors Forum: Wednesday, 22 October, 8:00 am – 4:30 pm

There will be two activities related to implementation of the new standard for arsenic in drinking water. All are invited to participate in the half-day theme session on the status of a DOE-funded technology demonstration program to develop and verify cost effective methods to remove arsenic from drinking water sources. The Vendors Forum will be a day-long workshop which will provide vendors of innovative treatment technologies with an opportunity to describe project histories and demonstrate the effectiveness of their products. Technologies will be evaluated for possible use in pilot demonstrations to be conducted at three community sites in 2004.

Presenters: Malcolm Siegel, Technology Demonstration Project Manager, Sandia National Laboratories, Jeff Oxenford, Research Applications Manager, AWWA Research Foundation. **Cost:** With NMEHC registration or NMEHC Exhibitor registration.

DUST CONTROL: PROBLEMS AND SOLUTIONS

Tuesday, October 21, 1:00 pm – 4:30 pm

This course will deal with the various sources of fugitive dust and how regulatory agencies can develop effective rules for a dust control problem. This will include the implementation of Best Available Control Measures (BACM) and will include the permitting and enforcement process for construction sites.

Instructor: Larry Spivack, Maricopa County, Arizona, Air Quality Division. **Cost:** \$195

THE TIER II SUBMIT ELECTRONIC REPORTING SYSTEM ON CHEMICAL STOCKPILE INFORMATION FOR PUBLIC AND PRIVATE FACILITIES

Wednesday, 22 October, 8:00 – 11:30 am

The EPA passed the Emergency Planning and Community Right to Know (EPCRA) regulations in 1985 as 40 Code of Federal Regulations (CFR Part 312). This requires regulated

public and private facilities to report their chemical stockpile information to the state emergency response commission, the local first response agency and the local emergency planning committees.

This workshop will provide detailed reporting information and instruction on a) which hazardous substances chemicals to report, b) their respective threshold planning quantities, c) important facility information, and d) emergency planning information necessary for response and preparedness.

Attendees will be given hands-on training in the new electronic reporting system as well as copies of the Tier II Submit software and instructions on how to use it appropriately.

Instructor: Therese Martinez-Loner, City of Albuquerque Environmental Health Department, Air Quality Division. **Cost:** Included with NMEHC registration.

RISK-BASED DECISION-MAKING APPLIED TO ENVIRONMENTAL ISSUES

Wednesday, 30 October 2003, 8:00 am – 12:00 noon

This short course offers a methodology for reaching reasonable, defensible and acceptable compromises in the decision making process. This includes multi-objective optimization methods, distance-based techniques and the fundamentals of social choice procedures. Specific case studies will be examined including site remediation, technology selection, forest management, and waste-water treatment. This course is for anyone interested in and involved with decision making related to environmental issues.

Instructors: Dr. Ferenc Szidarovsky, Department of Systems & Engineering, University of Arizona and Dr. Abbas Ghassemi, Executive Director of WERC, New Mexico State University. **Cost:** \$195

FUNDING WATER, WASTEWATER AND SOLID WASTE PROJECTS

Wednesday, 22 October, 8:30 – 11:30 am

Various funding agencies from the state and federal government will be at a panel discussion about the funding of water, wastewater and solid waste projects. The USDA, New Mexico Finance Authority, New Mexico Environment Department, CDBG and other funding sources will present on the funding programs available. A panel will answer questions and brainstorm about funding possible projects you may have in mind.

Instructor: Carlos Rey Romero, Director, New Mexico Finance Authority. **Cost:** No extra cost with NMEHC registration.

CONFERENCE INFO

NEHA CREDENTIALS EXAMINATIONS

Monday, October 20, 2003, 7:00am – 11:30pm

Registered Environmental Health Specialist/Registered Sanitarian (REHS/RS). This is the premier credential available to environmental health field professionals. The exam covers General Environmental Health, Statutes and Regulations, Food Protection, Potable Water, Wastewater, Solid and Hazardous Waste, Hazardous Materials, Zoonoses, Vectors, Pests and Weeds, Radiation Protection, Occupational Safety and Health, Air Quality and Environmental Noise, Housing Sanitation and Safety, Institutions and Licensed Establishments, Swimming Pools and Recreational Facilities, and Disaster Sanitation. **Cost for exam: \$90**

Certified Food Safety Professional (CFSP). This is designed for individuals within the public and private sectors whose primary responsibility is the protection and safety of food. The exam integrates food microbiology, HACCP principles and regulatory requirements into questions that test problem solving skills and knowledge expertise. **Cost for exam: \$90**

Certified Environmental Health Technician (CEHT). The CEHT is for individuals who are interested in field intensive environmental health activities – such as testing, sampling and inspections, and who are required to provide information on safe environmental health practices and to eliminate environmental health hazards. The exam covers Housing, Waste/Wastewater, Air Pollution, Solid Wastes, Radiation Health, Milk and Food, Occupational Health, Vector Control, Community Noise, and Epidemiology. **Cost for exam: \$75**

Application Procedure: You must apply to NEHA and be qualified to sit for these examinations no later than September 19, 2003. For credential applications and qualification information, visit the NEHA web site at www.neha.org. It is recommended that you purchase a Study Guide from NEHA for the exam you wish to take. For questions, call a Credentialing Specialist at (303) 756-9090, ext. 309 or email credentialing@neha.org.

For assistance on studying for these examinations, please contact Lorie Stoller, President of the New Mexico Environmental Health Association at (505) 827-1400, ext. 1003, or email at lorie_stoller@nmenv.state.nm.us.

SPECIAL MEMBERSHIP OFFERS

For the first time, NMEHC is going to a registration fee structure whereby “members” have a lower price. Members are those who belong to one of three professional associations who sponsor this conference; The New Mexico Environmental Health Association (NMEHA), the Air and Waste Management Association, New Mexico Chapter (AWMA-NM) and the American Water Resources Association, New Mexico Section (AWRA-NM). There are great benefits in belonging to any or all of

these fine groups. You may join any of these associations by adding \$15 to your registration form and receiving the member price. We also have special offers:

SPECIAL OFFER #1

Join the National Environmental Health Association (NEHA) as a first time member for \$85 and receive one year’s free membership in NMEHA (a \$15 value).

SPECIAL OFFER #2

Join all three local organizations (NMEHA, AWMA-NM AND AWRA-NM) for only \$30 for one year (a \$15 value)

SPECIAL OFFER #3

If you decide to register for NMEHC-2003 as a non-member, you will automatically be given a choice of one year’s free membership in one of the three local associations: NMEHA, AWMA-NM or AWRA-NM.

TRANSPORTATION

AIRLINES: Albuquerque is served by the following airlines: American, America West, Continental, Delta, Frontier, Great Plains, Mesa, Northwest, Southwest, and United.

AIRPORT SHUTTLE: Airport Shuttle is offering a convention charter rate of \$10 per person one way/ \$20 roundtrip from the Albuquerque Sunport to the Sheraton Old Town Hotel. Look for the Airport Shuttle counter in the Southwest Airlines baggage claim area. Coupon is on the NMEHC website.

RAILROAD: Albuquerque is on the main line of Amtrak’s Chicago to Los Angeles route and provides daily service in both directions.

RENTAL CARS: All national auto rental companies have service in Albuquerque.

PURCHASE ORDER & REFUND POLICY

Purchase orders are gladly accepted for conference registration. However, we must have a purchase order submitted with your registration form. If more than one person is listed on the Purchase Order, all registration forms should be submitted together. The registrant is completely responsible for submitting the Purchase Order to NMEHC. If submitting a “PO Pending” registration, registrant will be invoiced for their conference registration if a Purchase Order is not submitted in a timely manner.

We regret having to make this change in our Purchase Order policy, but considerable time and effort has been expended in the past to pursue Purchase Orders. Unfortunately, in some instances we’ve not received payment for conference registration.

Refund policy: No refunds after October 6, 2003. Cancellations must be received in writing.

SCHEDULE

SUNDAY, October 19

- 7:00 am – 11:00 am Exhibit Decorator Set-up
 7:00 am – 6:00 pm Registration Desk Open
 8:00 am – 5:00 pm *NAWT Certification Refresher Course*
 11:30 am – 6:00 pm Exhibitor Move-in and Set-up

MONDAY, October 20

- 6:00 am – 6:00 pm Registration Desk Open
 6:00 am – 10:00 am Additional Exhibitor Move-in
 7:00 am – 9:00 am Continental Breakfast
 7:30 am – 11:30 am *NEHA Credentials Exams (REHS/RS, CFSP, CEHT)*
 8:00 am – 11:30 am *NAWT Inspector Training & Certification, Pt. 1*
 8:00 am – 11:30 am *Environmental Management Systems*
 8:00 am – 11:30 am *Incident Command Systems*
 8:30 am – 10:00 am Opening Session
Opening Remarks: Tom Duker, NMEHC-2003 Chairman, Ron Curry, New Mexico Environment Dept.; Bernalillo County Manager; Alfredo Santistevan, Albuquerque Environmental Health Dept.; Dr. Abbas Ghassemi, WERC. Keynote Speakers: Vice Admiral Richard H. Carmona, United States Surgeon General (invited); Dr. Floyd Horn, U.S. Department of Agriculture, Washington, D.C.; Dr. Sarah E. Allen, University of New Mexico
 10:00 am – 11:30 am Roundtable Sessions (repeated on Wednesday 1:00-2:00 pm)

The Concept and Threat of Bioterrorism

*Transportation Trends in the Albuquerque Metropolitan Area
 Community Radiation Monitoring Project*

The Role of Community Planning in Policy Development & Implementation

Waste Management and Pollution Prevention

Infrastructure Updating of Water Systems

Arsenic Perchlorate and Other Drinking Water Contaminants

GIS in Environmental Health

Border Health and Environmental Issues

Public Participation Issues in Waste Management and Environmental Restoration.

Sustainable Development

Environmental Education Resources in NM

*Challenges and Opportunities for Environmental Health
 Coalition Building in NM*

Local Emergency Planning and Communities in New Mexico

The Green Zia Environmental Excellence Program

Landfill Gas: Methane Use

Household Hazardous Waste Collection Programs

City County Unification

- 10:30 am – 2:30 pm Exhibits Open
 11:30 am – 1:30 pm Buffet Luncheon in Exhibit Hall
 1:30 pm – 4:30 pm *NAWT Inspector Training & Cert., Pt. 2*
 1:30 pm – 4:30 pm *Environmental Management Systems*
 1:30 pm – 4:30 pm *Incident Command Systems*

EDUCATIONAL SESSIONS 2:00–4:30 pm

COMMUNITY HEALTH PROTECTION

Linking Environmental Health & Public Health

Social & Economic Determinants for Environmental Health
Ron Voorhees, NM Dept. of Health-Office of Epidemiology

Income Biodiversity Linkage in US: Policy Implications
Pallab Mozumder, UNM, Dept. of Economics

Adding “Environment” to Healthier Communities in NM
Lydia Pendley, NM Public Health Association

The History and Meaning of the Split Between Public Health & Environmental Health
Sarah Kotchian, UNM Institute for Public Health

EMERGENCY & DISASTER MANAGEMENT

Emergency Preparedness and Response Operations of the NM Environment Dept.

Dennis Pepe, NM Environment Dept.

Local Epidemic or Bio Terrorism Incident? Mass Clinic Preparation

Kimberlae Houk, Northern Navajo Medical Center

Instrumentation for Accurate and Confident Analysis of Airborne Weapons of Mass Destruction and Other Airborne Toxins

Marc Shoub, Crown Systems

ENVIRONMENTAL HEALTH INNOVATIONS

Radon Control Techniques in New Construction: Does it Really Work?

Doug Kladder, Western Regional Radon Training Center

The Four Steps of an Environment Management System
Jarrett Airhart, Souder, Miller & Associates

Panel: Wastewater Treatment and Re-Use Discussion

Marke Talley, Eberline Services; Pete Worland and Bob Beers, Los Alamos National Laboratory; Fred Kalish, NM Environment Dept.; Karen Johnson, NM Dept. of Health; Betty Behrend, City of Los Lunas; Fernando Cadena, NMSU

SPECIAL AREAS OF ENVIRONMENTAL INTEREST

Panel: Green Urbanism

Introduction to the US Green Building Council (USGBC) and Leaders in Energy and Environmental Design (LEED)
Stace McGee, Environment Dynamics, Inc.

Green Urbanism

David Day, Moule & Polyzoides Architects and Urbanists

Graywater and Rainwater Harvesting

Richard Jennings, Earthwright Designs

Indoor Air Quality

Chris Callori, Environment Dynamics

Energy Efficiency

Stace McGee, Environment Dynamics, Inc.

SCHEDULE

- 4:30 pm – 6:30 pm Exhibitors' Reception, Exhibits Open
(food, cash bar, prize drawings)
- 6:00 pm – 8:00 pm Special Community Involvement
Workshop

TUESDAY, October 21

- 7:00 am – 5:00 pm Registration Desk Open
- 7:00 am – 9:00 am Continental Breakfast
- 8:00 am – 11:30 am *NAWT Inspector Training & Cert., Pt. 3*
- 8:00 am – 11:30 am *Certified Pool Operator Course, Pt. 1*

EDUCATIONAL SESSIONS 8:30-11:30 am

AIR QUALITY

General Air Quality

NM's Implementation of the Regional Haze Rule

Mary Uhl and Rita Trujillo, NM Environment Dept.

Albuquerque's Air Quality Vision: Where Do We Go From Here?

Isreal Tavaréz, City of Albuquerque

Small Business Assistance Providers in NM

Steve Dubyk, NM Environment Dept.

New Source Review (NSR) Improvements – Do You Need to Throw Out Those NSR Workshop Binders?

Timothy Stirrup, Outrider Technical Services

Nosocomial Infections: Awareness of an Old Problem

Vincent Miller, Aerotech Laboratories, Inc.

COMMUNITY HEALTH PROTECTION

Building Environmental Health Capacity in NM Through Collaboration

NM's Environmental Health Capacity

David Coffey, NM Dept. of Health

Monitoring Exposures to Pollutants and Their Effects

Barbara Malczewska-Toth and Randy Merker, NM Dept. of Health

Environmental Triggers & Asthma

Geri Jaramillo, NM Dept. of Health

Corrales Air Toxics Evaluation Community Process

Mary Uhl, Ken Lienemann and Mary Hilbert, NM Environment Dept.

Organizing Communities for Environmental Health in the Border Region

Jagan Butler, NM Dept. of Health- Border Health Office

EMERGENCY & DISASTER MANAGEMENT

Panel: Bio Terrorism Planning Tools

Larry Raine, National Association of County & City Officials

Bio Terrorism Laboratory Preparedness

Vincent Miller, Aerotech Laboratories, Inc.

Decontaminating and Decommissioning Industrial Plants *Janet Kerley, Lead-Rite, Inc.*

ENVIRONMENTAL HEALTH INNOVATIONS

In-Situ Treatment for Arsenic Removal from Groundwater *Dr. Greg Miller, Daniel B. Stephens & Associates*

Stormwater Microbial Source Tracking

Rick Billings, Parsons Engineering Science, Inc.

Potential for a Clean, Sustainable Energy Future Using Hydrogen Fuel Cells

Ken Stroh, Los Alamos National Laboratory

The Use of G.I.S. and G.P.S. Equipment and Software in Bernalillo County, NM

Kevin Troutman, Bernalillo Co. Office of Environmental Health

Evaluation of Potential Riparian Evapotranspiration Rates in the Carlsbad Area Groundwater Model: Using G.I.S.

David Light, Intera

Use of the NM Tech Database in Reclamation Studies Involving Mines, Prospects, Occurrences, and Mills in NM *Virginia McLemore, NM Institute of Mining & Technology*

SPECIAL AREAS OF ENVIRONMENTAL INTEREST

Border and Native American Issues

Environmental Enhancement in a Community-scale Hierarchy of Needs: Lessons from the US-Mexico Border and the Middle East

Ed Hamlyn, University of Texas at El Paso

Border Solid Waste Issues

Ellen Smyth, South Central Solid Waste Authority

International Border Issues: Working with Our Neighbors

Mary Lou La Casse, NM Environment Dept.

NM Restaurant Association and Commitment to Education

Carol Wight, NM Restaurant Association

Solar Distillation Providing Potable Water for Border Colonias

Gregory R. Vogel, SolAqua, Inc.

Perspective for Working in the American Indian Community

Steve McLemore, Division of Environmental Health Services, Indian Health Services, Acoma-Canoncito-Laguna Hospital

- 10:00 am – 2:00 pm Exhibits Open
- 11:30 am – 1:30 pm Buffet Luncheon in Exhibit Hall,
Prize Drawings
- 1:30 pm – 4:30 pm *NAWT Inspector Training & Certification Exams, Pt. 4*
- 1:30 pm – 4:30 pm *Certified Pool Operator Course, Pt. 2*
- 1:30 pm – 4:30 pm *Dust Control Problems & Solutions*
- 2:00 pm – 5:00 pm *Arsenic in Water*

SCHEDULE

EDUCATIONAL SESSIONS 1:30–4:30 pm

COMMUNITY HEALTH PROTECTION

Surveillance for Infectious Disease and Environmental Health

SARS: Current Epidemiology

C. Mack Sewell, NM Dept. of Health, State Epidemiologist

Explaining Food-Borne Disease Surveillance and Related Issues

Joan Baumbach, NM Dept. of Health

Water-Borne Disease in NM: Linking Health and Environmental Data into a Viable Surveillance System

Karen Johnson, NM Dept. of Health and Julie Desai, NM Environment Department

Concerns Pertaining to Human Radiation Doses

Robert Weeks, NM Environment Dept.

Childhood Lead Poisoning

Juliann Vollmer, NM Dept. of Health

EMERGENCY & DISASTER MANAGEMENT

Water and Wastewater System Vulnerability

Mike Hightower, Sandia National Laboratories

Perspectives on NM and Southwest Response to a Bioterrorist Event: How Can a National Resource Assist Rural America?

Craig Vanderwagen, Indian Health Service

Enhancing the Security of the NM Agricultural and Food System

Billy Dixon, NM Dept of Agriculture

ENVIRONMENTAL HEALTH INNOVATIONS

Desalination Plant Design in the Hueco Bolson Area, El Paso, Texas

Jim Steele, Camp, Dresser, and McKee

Radioactive Liquid Waste Treatment Facility at Los Alamos National Laboratory

Pete Worland, Los Alamos National Laboratory

DVD-Based Bilingual Training Materials for Homeowners and New Contractors Building Septic Systems

Dr. Adrian Hanson, NM State University

Pollution Prevention in Dental Facilities in Albuquerque

Robert Hogrefe, Brynda Lujan and Andrew Padilla, City of Albuquerque

SPECIAL AREAS OF

ENVIRONMENTAL INTEREST

Injury Prevention/Occupational Health

Environmental Tobacco Smoke (ETS) and Worker Health

Susan Baum, NM Dept. of Health

Heavy Metal, Mineral Dust and Chemical Exposures Among Rural Artisans in the Southwestern United States

Melissa Gonzales, University of NM School of Medicine

Coming into Compliance with OSHA Regulations

Gene Ostmeyer, NM Environment Dept.

West Nile Virus

Rudy Bueno, City of Albuquerque Environmental Health Dept.

Preventing Injuries in Restaurants

Pamela Sayers, NM Environment Dept.

2:00 pm – 5:00 pm Exhibitor Breakdown and Move-out

WEDNESDAY, October 22

7:00 am – 2:30 pm Registration Desk Open

7:00 am – 9:00 am Continental Breakfast

8:00 am – 11:30 am *Certified Pool Operator Course, Pt. 3*

8:00 am – 11:30 am *Risk-Based Decision-Making, Pt. 1*

8:00 am – 11:30 am *Environmental Management Systems*

8:30 am – 11:30 am *Tier II Electronic Reporting Training*

8:30 am – 11:30 am *Arsenic in Water*

8:30 am – 11:30 am *Funding Waste Projects*

EDUCATIONAL SESSIONS 8:30–11:30 am

AIR QUALITY

Indoor Air Quality

Indoor Air Quality: Who's Problem Is It, Anyway?

Amy Lay, NM Dept. of Health

The Truth About Mold and Indoor Air Quality

Karen Brown, Southwest Environmental Health, Inc.

Mold – In Albuquerque?!

Susan Cooper, ABQ Metropolitan Board of Realtors

Contemporary and Evolving Sampling and Laboratory

Analyses for Bioaerosols in IAQ Investigations

Vincent Miller, Aerotech Laboratories, Inc.

COMMUNITY HEALTH PROTECTION

Community Environmental Health Issues

Noise Issues and Creating Noise Ordinances

Stuart McGregor, Engineering Dynamics

Make Room for Dairies

NM Dairy Producers

Green Gazelles: Small Business's Contribution to

Environmental Innovation and Pollution

Janet Kerley, Lead-Rite, Inc.

Keep NM Beautiful

Valerie Turnbow, Keep NM Beautiful, Inc.

EMERGENCY & DISASTER MANAGEMENT

The Threat of Bioterrorism to Human and Animal Health

Mary Berry, NM Veterinary Association

Emergency Response and Food

Dr. Annette Sobel, Brig. General, NM Army Guard/Sandia National Laboratories

King County Washington: Lessons Learned

Penny Chencharick, Public Health-Seattle & King County

SCHEDULE

ENVIRONMENTAL HEALTH INNOVATIONS

Panel: Special Wastes

Moderator, Will Hoffman, City of Albuquerque Solid Waste Management Dept.; Jim Cordiss, NM Environment Dept.; Nancy Judd, NM Recycling Coalition; Steve Glass, City of Albuquerque; Steve Casey, DOE Carlsbad Field Office; Margo Maher, Rinchem, Inc.; Dr. Jeff Flynn, NM State University

How Irradiation Can Improve Food Safety

Nancy C. Flores, PhD, NM State University

Wind-Generated Energy as an Alternative Energy Source

Linda Abeyta, NM Environment Dept.

SPECIAL AREAS OF ENVIRONMENTAL INTEREST

Energy Efficiency and Sustainability

Balancing Nature and the Built Environment: Lessons from the Rio Grande Valley

George Radnovich, Sites Southwest

The Governor's and State Legislature's Commitment to Making NM a National Leader in Clean Energy Strategies

Craig O'Hare, NM Energy, Minerals, & Natural Resources Dept.

Construction Waste Management at Sandia National Laboratories

Doug Vetter, Shaw Environmental, Inc.

Balancing the Water Budget in the Middle Rio Grande

Kevin Bean, Rio Grande Water Assembly

Point/Counterpoint: Developers are Part of the Solution

Orlando Lucero, President, NM Chapter NAIOP and Rob Dickson, Paradigm & Company

11:30 am- 1:00 pm Main Conference Luncheon
Welcome: Martin Chavez, Mayor of Albuquerque. Keynote Speakers: Governor Bill Richardson, State of New Mexico Grand Prize Drawings

1:00 pm - 2:00 pm Roundtable Session II
 1:00 pm - 4:30 pm *Certified Pool Operator Course, Pt. 4*
 1:00 pm - 4:30 pm *Risk-Based Decision-Making, Pt. 2*
 1:00 pm - 5:00 pm *Arsenic in Water Seminar*

EDUCATIONAL SESSIONS 2:00-4:30 pm

AIR QUALITY

Outdoor Air Quality

Effects of Outdoor Air Pollution on Respiratory Health

Glenda Hubbard, NM Dept. of Health

Analysis of Air in NM Using EPA Methods TO-15 and TO-11A for Volatile Organic Compounds (VOC)

Michael Trujillo and Sandra Oliver, NM Dept. of Health

Early Action Compact for Ozone in San Juan County:

Photochemical Modeling Analysis

Mary Uhl, Andy Berger and Gail Cooke, NM Environment Dept.

Health Effects of Lead in Adults from Childhood Exposure to Smelter Emissions in the Dallas Area

Terry Gratton, University of North Texas Health Science Center

Fugitive Dust Control in Albuquerque

Mike Smith, City of Albuquerque

COMMUNITY HEALTH PROTECTION

Community Environmental Health Issues

Local and National Efforts For Proper Disposal of 1 Billion Needles Each Year in Non-Medical Settings

Phillip Fuity, NM Dept. of Health

Hantavirus Eradication Program

Joseph Whitetail-Eagle, Ramah Chapter, Navajo Nation

Graywater or Greywater?

Robert Garcia, Bernalillo County Office of Environmental Health

NM Firearms Injury Data: Supporting a Youth Prevention Program

Ajoy Kumar and Michael Courtney, NM Dept. of Health

EMERGENCY & DISASTER MANAGEMENT

Hazardous Airborne Plume Modeling at Los Alamos National Laboratory

Scot Johnson, Los Alamos National Laboratory

CDC Terrorism Office

Glen Koops, Centers for Disease Control

ENVIRONMENTAL HEALTH INNOVATIONS

Use of LC/MS/MS for Low Level Perchlorate Determination

Steve Yanicak, NM Environment Dept.

A Small, Portable, Automated Device for Fast In-Field Detection of Hantavirus Antibodies

Sagar Yelleti and Ebtisam Wilkins, University of NM

Panel: Illegal Dumping

Moderator: Jay Morrow, Bernalillo County Solid Waste Dept.; David Mitchell, Bernalillo County Solid Waste Dept.; Bob VanGilst, Valencia County; Stella Candelaria, Albuquerque Solid Waste Management Dept.; Chris Ferguson, NM Environment Dept.; Dwayne Sonier, Sandoval County

SPECIAL AREAS OF ENVIRONMENTAL INTEREST

Food Safety in Indian Country

Anthony Candelaria, Indian Health Service

Panel: Creating a Metropolitan Environmental Health Dept.

Richard Brusuelas, former Director, Bernalillo County Environmental Health Dept.; Alfredo Santistevan, Director, Albuquerque Environmental Health Dept.; Representative Tom Swisstack, Director, Bernalillo County Juvenile Detention Center; Tom Skibitski, NM Environment Dept.

REGISTRATION FORM

New Mexico Environmental Health Conference 2003
Historic Sheraton Old Town Hotel • Albuquerque, New Mexico • October 20-22, 2003

Name _____
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 City _____ St _____ Zip _____

Title _____
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 Fax _____
 Email _____
 Area of Expertise _____

REGISTRATION	Before 30 Sept	After 30 Sept	TOTAL
MEMBERS			
Full Conference	\$130	\$165	\$ _____
One-Day Registration	\$75	\$100	\$ _____
<i>[] Monday [] Tuesday [] Wednesday</i>			
NON-MEMBERS			
Full Conference	\$160	\$195	\$ _____
One-Day Registration	\$90	\$115	\$ _____
<i>[] Monday [] Tuesday [] Wednesday</i>			
FULL-TIME STUDENTS			
Full Conference	\$90	\$115	\$ _____
One-Day Registration	\$60	\$85	\$ _____
<i>[] Monday [] Tuesday [] Wednesday</i>			
Note: Non-Member Full Conference Registration includes your choice of a 1-year membership in one association. Circle your choice of one:			
<input type="checkbox"/> NM Environmental Health Assoc. (NMEHA) <input type="checkbox"/> Air & Waste Management Assoc.-NM (AWMA-NM) <input type="checkbox"/> American Water Resources Assoc.-NM (AWRA-NM)			
Meal choice (circle one)	Regular	Vegetarian	
<i>Meals are included in your registration</i>			

SPECIAL SHORT COURSES	COST	TOTAL
<i>Please Circle Your Choices!</i>		
Credentials Exams	\$90 each	\$ _____
circle one: REHS/RS, CFSP, CEHT 22 October, 7:00 am - 11:30 am		
NAWT Certification Refresher	\$75	\$ _____
19 October, 8:00 am - 5:00 pm		
Full NAWT Training & Certification Course		\$Free w/ Conf. Reg.
20-21 October, 8:00 am - 5:00 pm		
Certified Pool Operator Course	\$90 (w/Conf.Reg.) \$240 (w/o Conf. Reg.)	
21-22 October, 8:00 am - 4:00 pm		
Risk-Based Decision-Making	\$195	\$ _____
22 October, 8:00 am - 5:00 pm		
Dust Control Problem & Solutions	\$195	\$ _____
21 October, 1:00 pm - 5:00 pm		
Funding Water/Wastewater Projects		\$Free w/ Conf. Reg.
22 October, 9:00 am - 11:30 am		
Incident Command System		\$Free w/ Conf. Reg.
20 October, 8:30 am - 4:30 am		
Arsenic in Water Technology Forum		\$Free w/ Conf. Reg.
21 October, 1:30 - 4:30 pm and 22 October, 8am - 4:30pm		
Tier II Electronic Reporting System		\$Free w/ Conf. Reg.
22 October, 8:00 - 11:30 am		
Environmental Mgmt Systems	\$195	\$ _____
20 October, 8:00 - 4:30 pm		

EXTRA TICKETS	COST	TOTAL
Buffet Lunch (Monday)	\$30	\$ _____
Reception (Monday)	\$30	\$ _____
Buffet Lunch (Tuesday)	\$30	\$ _____
Main Luncheon (Wednesday)	\$35	\$ _____
ASSOCIATION MEMBERSHIP DUES		
NMEHA Annual Dues	\$15	\$ _____
AWMA-NM Annual Dues	\$15	\$ _____
AWRA-NM Annual Dues	\$15	\$ _____
SPECIAL MEMBERSHIP OFFERS		
Join all 3 state associations <i>NMEHA, AWMA-NM and AWRA-NM</i>	\$30 <i>Save \$15!</i>	\$ _____
Save \$15 by joining the National Environmental Health Association (NEHA) for the first time and receive a free 1-year membership in NMEHA	\$85	\$ _____

PAYMENT PROCESSING

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Exp date _____ Name on card _____

Signature _____

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Cancellations must be received in writing.



New Mexico Environmental Health Conference 2003

NMEHC-2003 IS ORGANIZED AND DIRECTED BY THE FOLLOWING PARTNERS...

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Bernalillo County Environmental Health Department
WERC: A Consortium for Environmental Education & Technology Development
City of Albuquerque Environmental Health Department
State of New Mexico Environment Department
Air and Waste Management Association – New Mexico Chapter
American Water Resources Association – New Mexico Section
New Mexico Society for Hazardous Materials Managers
New Mexico Food Safety Network
Albuquerque Hispano Chamber of Commerce

... AND GENEROUSLY SUPPORTED LAST YEAR BY THE FOLLOWING SPONSORS:

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