



The Association of Environmental & Engineering Geologists (AEG)

Announce a Special Symposium

***Assessment, Monitoring and Mitigation of Naturally Occurring
Asbestos (NOA) Hazards in the Western U.S. - 2014***

December 18, 2014

8AM-5PM

**Oakland Convention Center / Oakland Marriott Hotel
1001 Broadway, Oakland, CA**

Presenter Organizations

Aeolus, Inc.
Asbestos TEM Labs
Bay Area AQMD
California Air Resources Board
CalTrans
Cal-OSHA
Dragados-Flatiron-Sukut JV
Entek Consulting Group

Geocon
Kleinfelder
San Francisco PUC
Sacramento AQMD
SLR International
Terracon-IHI
Tetra Tech
UNLV

Who Should Attend

Asbestos Consultants
Certified Industrial Hygienists*
Environmental Consultants
Geologists

Geotechnical Engineers
Government Regulators
Risk Assessors
Testing Laboratories

**Note to CIHs – it is expected that this session will be worth 1 CM credit*

Cost to attend (includes box lunch, snacks, coffee):

If registered by Nov 21: **AEG Member - \$175, Non-Member - \$195**

After Nov 21: **AEG Member - \$225, Non-Member - \$250**

To get the latest meeting information, or to register to attend, visit the event webpage at

<http://www.aegsf.org/noa2014>

Meeting co-chairs:

Mark Bailey, PG – Asbestos TEM Labs e-mail: mark@asbestostemplabs.com

Sarah Kalika, PG, CAC – AEG San Francisco Section e-mail: chair@aegsf.org

Corporate Sponsors:



Asbestos TEM Laboratories, Inc.

**AEG NOA Symposium: "Assessment, Monitoring and Mitigation of
Naturally Occurring Asbestos (NOA) Hazards in the Western U.S. - 2014"**

LIST OF CONFIRMED SPEAKERS AND TOPICS (AS OF OCTOBER 2014)

Kevin Vo, Air Quality Specialist/Bay Area AQMD - BAAQMD Compliance and Enforcement of the Asbestos Airborne Toxic Control Measure for Construction and Grading in the Bay Area

John Angi, Air Quality Program Mgr./Sacramento AQMD - Regulating Natural Occurrences of Asbestos in East Sacramento County

Brent Rudin, Supervising Air Quality Specialist /Bay Area AQMD - Limitations of Asbestos Regulations

Jeff Ferrell, CIH; Chris Kirkham, MPH, CIH/Cal-OSHA - CAL-OSHA Perspective on NOA

Rick Beall, CIH/Entek - NOA Environmental Health & Safety and Air Monitoring Plans

Bradley Erskine, PhD, PG, CEG/Kleinfelder – I. Building a Dam out of Naturally Occurring Asbestos (NOA); Challenges and Solutions at the Calaveras Dam Replacement Project

Wayne Berman, PhD /Aeolus – I. Developing and Implementing an Asbestos Air Monitoring Program with Risk-based Monitoring Criteria for the Calaveras Dam Replacement

Mark Bailey, PG/Asbestos TEM Labs – Geology/Mineralogy of the Calaveras Dam Replacement Project

Bradley Erskine, PhD, PG, CEG/Kleinfelder – II. Fingerprinting Asbestiform Amphiboles at the Calaveras Dam Replacement Project

Dan Hernandez, CIH/Dragodos USA, Flatiron, Sukut Joint Venture - Naturally Occurring Asbestos (NOA) Exposures and Health Risks from Selected Construction Activities at the Calaveras Dam Replacement Project

Wayne Berman, PhD /Aeolus - II. Applying Trend and Amphibole Speciation Analyses to Distinguish CDRP and non-CDRP Emissions Sources at the Calaveras Dam Replacement Project, California

Dan Hernandez, CIH/Dragodos USA, Flatiron, Sukut Joint Venture – Naturally Occurring Asbestos (NOA) Exposures and Health Risks from Selected Construction Activities at the Calaveras Dam Replacement Project

Dr. Rod Metcalf/Brenda Buck/UNLV – Naturally Occurring Asbestos Near Populated Areas of Southern Nevada: Unusual Occurrences of Libby-Type NaFe₃₊-Amphibole and Actinolite

Ann Backstrom, PE/Kleinfelder - Geologic Assessment of Asbestiform Amphole, Phase I Boulder City Bypass Project

Bradley Erskine, PhD, PG, CEG/Kleinfelder III. How to Perform an NOA Geologic Investigation

Rebecca Neumann, PhD, PG; Jeff Wright, Program Mgr./California Air Resources Board - Topics for ARB Test Method 435 Guidance Document

Jason Brodersen/TetraTech – Incremental Soil Sampling – An Introduction

Mark Bailey, PG/Asbestos TEM Labs – III. Considerations When Submitting Rock/Soil Samples for NOA Laboratory Analysis

Dragomir Bogdanic, PE/Cal Trans - Cal-Trans Approach to NOA Investigations and Project Management on Highway Projects

John Pfeiffer, PG, CEG/GeoCon - NOA Investigations on CalTrans Projects

Mike Benefield, PE, CAC/Terracon-IHI - Frequency of Naturally Occurring Asbestos in Non-Ultramafic Rock Formations in the San Francisco Bay Area Formations in the San Francisco Bay Area

Laura O'Heir, MPH, CIH, CSP/San Francisco Public Utilities Commission - Identification of Naturally Occurring Asbestos Work Areas in Coordination with an Exposure Management Program during Vegetation Management Activities

Mark Trevor, PG/SLR International - Case Study of a NOA Remediation Project at a School Site