

# PRESENTATIONS

## WEDNESDAY PRESENTATIONS & EXHIBITIONS

FEB  
24

# 40

HEALTH/SAFETY/  
ENVIRONMENTAL  
CONFERENCE

# 2016

Austin  
TX

OPENING REMARKS & KEYNOTE SPEAKERS			
			Texas Ballroom
8:00am	8:15am	8:30am	8:45am
Steve Probst	David Friedman	David Hindin	Kosta Loukeris

TRACKS	Meeting Room	9:00 am	9:30am	10:15am	11:00am	11:45 am	12:45pm	1:30pm	2:15 pm	2:45pm	3:30pm	4:15pm
LDAR MODERNIZATION	Texas I	LDAR Compliance in Emerging Regulated Countries YAN JINGJIE, <i>Sinopec Sabic Tianjin Petrochemical</i> – SHE FEI & ZHU SHAN, <i>Sage Environmental</i>		LDAR Case Study Comparison of Conventional Method 21 vs Alternative Work Practice (OGI) TERENCE TREFIAK, <i>Target Emission Services</i>	AMOC & More: OGI VOC Detection Cameras and Compliance ALBERTO WAHNON, <i>Opgal</i> – DAVID SPATH, <i>Guardian Compliance</i>		Rediscovering Infrared Cameras YOUSHENG ZENG, AL SANDERS & JON MORRIS, <i>Providence Photonics</i>	The Ups, Downs and All Arouds of the IR Camera TIMOTHY CROCKETT, <i>ExxonMobil</i>	BREAK - HYATT ZILKER	The Components of Producing and Maintaining Low-E Valves RODNEY ROTH, AW Chesterton	New Gasket to Meet Future Emissions Compliance RICH DAVIS, <i>Flexitallic</i>	The HYTORC Washer KERWYN BORNELL, <i>Hytorc</i>
	LDAR PROGRAMS	Texas II	(9:30-10:05) An Effective LDAR Program Is Built on Strong Stakeholder Interface BECKY PONCE & KEVIN MCGEE, <i>Citgo Petroleum</i> – REYNALDO CASTENADA, <i>Guardian</i>	(10:05-10:40) Training not Trying DON KINDER, <i>CB&amp;I</i>	(10:40-11:10) Evaluating LDAR Technician Monitoring Data DEEVER BRADLEY, <i>ERM</i>	(11:10-11:45) Compliance Sustainability – Does it really exist in LDAR? Is it possible? FRANK BURGARD & JUDAH FONTENOT, <i>Dexter Field Services</i>	The Gra/ey Areas of LDAR REX MOSES, <i>LDARtools</i>	Can your LDAR Database Survive an EPA Audit? CHEN ZHU & DAVID RANUM, <i>Sage Environmental</i>		Extension Probes vs. DTM BUZZ HARRIS & MARK KELSEY, <i>Sage Environmental</i>	Predicting and Comparing Leak Rate Performance of Various Gasket Materials in Flanged Connectors DALE RICE, <i>VSP Technologies</i>	What Makes a Good Fugitive Emissions Packing For New & Used Valves JOEL BAULCH, <i>TEADIT North America</i>
ENVIRONMENTAL MONITORING	Texas III	The Good vs. Bad: The Specifics for Validating CMS Data ERIC M. SWISHER, <i>All4</i>		Using Environmental Analyzers for Process Improvement THERON KING, <i>Phillips 66</i>	Market Update on Emission Monitoring System Options EMICHAEL CYBULSKI, <i>Global Emission Monitoring</i>		<div style="text-align: center;"> <b>HOT TOPIC</b>  <b>FENCELINE MONITORING PROGRAM SET UP</b>  <small>(Moderator) • TARYN WIER, Valero • GARY DAVES, Providence Engineering • DAVID BERKOWITZ, Enthalpy Analytical • ROBERT SPELLICY, IMACC</small>  <small>KRISTIN GORDON, All4 • DAVID BERKOWITZ, Enthalpy Analytical • ROBERT SPELLICY, IMACC</small> </div>					
EMISSION QUANTIFICATION	Texas V	<div style="text-align: center;"> <b>HOT TOPIC</b>  <b>NEXT-GEN</b>  <small>DAVID HINDIN, US EPA (Moderator) • GARY VEGH, ERA Environmental Management Solutions • DAVID ELAM, TRC Environmental Corporation • STACIE FLETCHER, Gibson, Dunn, &amp; Crutcher</small> </div>										
FLARES	Texas VI	Introduction to Pressure Assisted Flaring and New Framework for AMEL DR. TROY BOLEY, Ph.D., <i>Sage Environmental</i>		Overview of Regulatory Authorization Processes for Pressure Assisted MultiPoint Ground Flares ANNE INMAN, <i>TCEQ</i>	Benefits of Pressure-Assisted Flare SCOTT REID, <i>John Zink Company</i>		Advanced PRD Monitoring Systems MARCIO DONNANGELO, <i>Emerson Process Management</i> – DON CRAMER, <i>Marathon Petroleum</i>	A Case Study of the Feasibility of Flare Gas Recovery for Ethylene Plants DR. JOHN JOYCE Ph.D., <i>Sage Environmental</i>	BALLROOM & TEXAS Foyer	Flaring CFD Simulation and Flaring Performance Modeling using Regression Methods HELEN LOU & ANAN WANG, <i>Lamar University</i>	Refinery Flares - RTR, What's Next after NSPS Subpart Ja? STEPHEN WALLS, <i>Trihydro</i>	Refinery Sector Rule - Flares HERMAN HOLM, <i>Sage Environmental</i>
TANKS	Texas VII	<div style="text-align: center;"> <b>HOT TOPIC</b>  <b>HEAVY OIL TANKS PANEL</b>  <small>ROB FERRY, TGB Partnership (Moderator) • RUSS NETTLES, TCEQ • OWEN FUCHS, ST Laboratories • BLAKE BRANSON, Alcor Petrolab • PETER WEAVER: International Liquid Terminals Association (ILTA) • MIKE HILL, Applied Contaminant Control</small> </div>										
AIR (I)	Foothills 1	2015 Ozone National Ambient Air Quality Standards: How Painful Might They Be? KEITH COURTNEY, <i>Winstead PC</i>		Understanding the PM2.5 NAAQS and Modeling Tools to Demonstrate Compliance LESLIE FIFITA, <i>Providence Engineering</i>	SO2 Attainment Demonstration KEVIN CALHOUN, <i>Providence Engineering</i>		SO2 - New Standards and New Controls for Combustion Units MELLITANYA STEPHENSON & JAY LINDHOLM, <i>Sage Environmental</i>	Eliminating H2S and SO2 Emissions JEFF ST. AMANT & SEAN KIRKPATRICK, <i>Vapor Point</i>	WITH EXHIBITORS	MACT Process Heater Inspections Lessons Learned CHUCK BAUKAL & JOHN MCGUIRE, <i>John Zink</i>	Update on ERC Certification and Use in the HGB Nonattainment Area FAIZAL HASSAN, <i>Sage Environmental</i>	Using Toxchem Emission Modeling for Emission Reduction Credits NEEL KOTRA, <i>Sage Environmental</i>



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AIR (II)	Foothills 2	BREAK - HYATT ZIKER BALLROOM & TEXAS Foyer	The Complexities of NSR Permitting? A Case Study DAN DIX, <i>All4</i>	Understanding and Using Demand Growth Exclusion LAN BARLOW & JESSICA LITTLE, <i>Sage Environmental</i>	EPA's Next Generation Enforcement – Preparing for New Tools and New Rules LEANN JOHNSON-KOCH, <i>Perkins Cole</i>	LUNCH - HYATT ZIKER BALLROOM & TEXAS Foyer	Moving Targets: How Ever Changing Air Quality Regulations are Driving Process Decisions KYLE ROSS & STACY DIEFFENBACH, <i>Bryan Research and Engineering</i>	Expedited Air Permitting In Texas: Is It Worth It? MATT EARNEST, <i>Sage Environmental</i>	BREAK - HYATT ZIKER BALLROOM & TEXAS Foyer	Versatility of Process Simulators in Determining Air Emissions CHRIS MARLAIS, <i>Providence Engineering</i>	Direct Measurement of Uncollected VOC Loading Losses During Marine Vessel Loading (2016 UPDATE) SHANON DISORBO, <i>DiSorbo Consulting</i> — BRIAN COCHRAN, <i>AECOM</i>	Crude Oil Stabilization and Recovery JAMES MEYER, <i>Aspen Engineering Services</i>	
OIL & GAS	Hill Country A		40 CFR Part 98 Subpart W, Boosting and Gathering, What Reporters Need to Know ERIC ANDERSON, <i>EPA Systems</i>	EPA's NSPS Quad Oa Proposed Rule? Getting Ready for Compliance JAY CHRISTOPHER, <i>Trihydro</i>	An OGI Based Approach to LDAR FAIZAL HASSAN & MIKE STANLEY, <i>Sage Environmental</i>		Anticipated Impact of the Noble Oil Consent Decree to the Upstream Oil and Gas Sector ADAM KUSHNER & JUSTIN SAVAGE, <i>Hogan Lovells US</i>	Fracking Fluid SEAN HIGHTOWER, <i>ACZ Laboratories</i>		Flare Reduction, Ngl Recovery Gas Conditioning, Power Generation And Artificial Lift JAMES MEYER, <i>Aspen Engineering Services</i>	A Look Into Midstream Flares R DANELL ZAWASKI & LINDSAY SUMPTEP, <i>Williams</i>	Best Practices for Vapor Recovery Systems JEFF VOORHIS, <i>HY-BON Engineering</i>	
HEALTH & SAFETY	Hill Country B		Safer>Better>Faster>Cheaper (In That Order): Pilot Study at Shell Chemical to Implement E Safety App for Contractor Project SHANE KLING, <i>Environmental Intellect</i>	RMP Changes Affecting Refineries and Petrochemical Plants HUNGMING (SUE) SUNG, <i>Trinity Consultants</i>	Process Safety Evolution in China ED QUICK & GU MIN, <i>Sage EHS</i>		Risk Identification, Mitigation, Optimization & Compliance Considerations for H2S & Other Specialty Gases Used in Subpart Ja Applications ANDY SHURTLEFF, <i>Air Liquide</i>	Industrial Hygiene Issues with H2S Monitoring Problems WILLIAM CROWE, <i>Total Safety</i>		2016 TSCA CDR - Preparing for the 2016 Report BECCA BRADLEY, <i>Trihydro</i>	Enhancing Safety Culture through Short Service Employees FRANK HILL, <i>Dexter Field Services</i> — LUKE ALBRECHT, <i>Sage Environmental</i>	Managing Risk and Capturing Corporate Memory with Internal Best Practices BRANDY HAMMOND, <i>The Equity Engineering Group</i>	
GEOSCIENCE	Hill Country C		Real Updates to RCRA? ANGELA MARTIN, <i>Heritage Environmental</i>	How to Approach, Secure, Identify Hazards, Assess and Respond to Laboratory and Industrial Spills CLIFF HOLLAND, <i>Spill Management</i>	PDB – Groundwater Sampling Without Purging ALISON LEE, <i>Sage Environmental</i>		An Improved Process for the In-Situ Remediation of Salt Impacted Soils BUDDY GAERTNER, <i>SOS Environmental</i>	In-Situ Remediation of Chlorinated Solvents in Low-Permeability Soils of the Brevard Fault Zone JACK WINTLE, <i>Clearwater Environmental Resources</i> — MIKE MCJILTON, <i>Environmental X2 Contracting</i>		Vapor Intrusion Case Study: Managing Risk BRAD SNOW, <i>Snow Environmental Solution</i>	LNAPL Recovery - Reaching the End-Point ROBERT SHERRILL, <i>Sage Environmental</i>	A Disciplined Approach to Test, Identify, Verify & Assess Chemical Properties for ER Response, Lab & Site Safety CLIFF HOLLAND, <i>Spill Management</i>	
ENVIRONMENTAL LEGAL (CLE'S AVAILABLE)	Hill Country D	WITH EXHIBITORS	Merger & Acquisition Due Diligence, Public & Non-Public Companies, Effects of Sarbanes-Oxley ROBERT SHERRILL, <i>Sage Environmental</i>	New Owner's Audit SUZANNE MURRAY, <i>Haynes and Boone</i>	Consent Decree Termination JULIE DOMIKE, <i>Haynes and Boone</i>	WITH EXHIBITORS	Going Clear: How EPA's Transparency Trend Will Impact Environmental Compliance JOHN B. KING, <i>Breazeale, Sachse &amp; Wilson</i>	Defending Enforcement Actions and Citizen Suits without SSM Defenses STACIE FLETCHER, <i>Gibson, Dunn &amp; Crutcher</i>	WITH EXHIBITORS	<b>HOT TOPIC ENFORCEMENT</b> JOE GUIDA, <i>Guida, Slavich &amp; Flores, P.C. (Moderator)</i> • JOHN B. KING, <i>Breazeale, Sachse, &amp; Wilson</i> • BRENT HANSON, <i>SNF Holding Company</i> • MATT KURLYA, <i>Baker Botts</i> • JESS MCANGUS, <i>Spirit Environmental</i>			
SUSTAINABILITY	Big Bend A&B		What Every Facility Should Know About Sustainability Planning and Reporting KRISTEN ROWE, <i>John Beath Environmental</i>	How Chevron Phillips Chemical Company is Building a Sustainable Tomorrow RICK WAGNER, <i>Chevron Phillips Chemical</i>	3M Approach to Sustainability PHYLLIS CHEATUM, <i>3M</i>		Plant-Level Sustainability - Two Key Elements: Carbon Footprints and Sustainable Compliance Programs JOHN BEATH, <i>John Beath Environmental</i>	Finding Value in Industrial Waste and By-Products through Cross-Industry Collaboration DANIEL KIETZER, <i>US BCSD</i>		Sustainability in the Community - Using Real-Time PM Monitors JOHN BEATH, <i>John Beath Environmental</i>	How Columbian Chemicals Company Saves Money, Time, and Makes a Positive Environmental Impact LEANNE RAYNOR, <i>Sage Environmental</i>	IC vs. Part-Time TOMMY SIMMONS, <i>Texas Workforce Commission</i>	
BWON	Embassy - Friendship	BREAK - EMBASSY FOYERS	Essential Elements of a BWON Compliance Assessment to Support an Acquisition BART LEININGER, <i>Ashworth Leininger Group</i>	Benzene Waste Operations NESHAP Compliance in the "FLIR Age" CALVIN NISS, <i>Trihydro</i>	Preparing for a BWON EPA-NEIC Audit ZULEMA GARCIA, <i>Citgo Petroleum</i>	BREAK - EMBASSY FOYERS	(12:45-1:10) Commonly Missed BWON Streams RUTH BENNING & STEPHANIE MERANDA, <i>Sage Environmental</i>	QQQ Insights BILL STEWARD, <i>Sage Environmental</i>	BREAK - EMBASSY FOYERS	Overlapping Wastewater Air Regulations TARA WEATHERFORD, <i>Sage Environmental</i>	<b>HOT TOPIC FIRESIDE CHAT WITH KEN GARING</b> KEN GARING, <i>NEIC</i>		
WASTEWATER TREATMENT & WATER REUSE	Embassy - Topaz		Selenium Removal from Refinery Wastewater Using Immobilized Cell Bioreactor Technology LORI DONOVAN & BILL SHERIDAN, <i>UOP Industrial Water</i>	Using GPS-X Modeling to Optimize Refinery Wastewater Treatment DR. JOHN JOYCE, Ph.D., <i>Sage Environmental</i> — MALCOLM FABIYI, <i>Hydromantis</i>	Oxygen Enhancement of Industrial Wastewater Systems as an Alternative to Capital Expansion or for Reducing Fugitive VOC Emissions ERIC P. KLEIN, <i>Air Liquide</i>		Leachate Impact From Gas and Oil Exploration and Production Wastes in the Marcellus Shale Region IVAN COOPER, <i>Civil &amp; Environmental Consultants</i>	Enhanced Oil and Gas Water Requirements and Future Economics DR. DAVIS FORD, Ph.D., <i>Davis L. Ford &amp; Associates</i>		An Overview of Industrial Water Recycle & Reuse JASON STEVENS, <i>Evoqua Water Technologies</i>	Water Reuse and Recovery Techniques and Technologies in an Industrial Setting DEAN RITTS, <i>John Beath Environmental</i>	Industrial 210E Authorizations for Beneficial Reuse KARA DENNEY, <i>TCEQ</i>	
WASTEWATER REGULATIONS	Embassy - Palmwood		Cooling Water Intake Structures Rule for Existing Facilities LIAL TISCHLER, <i>Tischler/Kocurek</i>	Consideration of Fine Mesh Screens as Entrainment BTA under the 316(b) Existing Facilities Rule MARK GERATH, <i>Environmental Consulting &amp; Technology</i> — LIAL TISCHLER, <i>Tischler/Kocurek</i>	Fish Return Design Guidelines NATHANIEL OLKEN, <i>Alden Research Laboratory</i>		Case Study: WET Gas Scrubber Impacts on Wastewater Effluent Quality D'ANN WILKINS, <i>Sage Environmental</i>	TCEQ Water Quality Division – Regulatory Updates to Wastewater Permits DAVID GALINDO, <i>TCEQ</i>		The Texas Surface Water Quality Standards JILL CSEKITZ, <i>TCEQ</i>	Water Quality-Based Effluent Limits in Wastewater Permits KAREN HOLLIGAN, <i>TCEQ</i>	Stormwater: MSGP & Construction ASMA VAHORA, <i>TCEQ</i>	