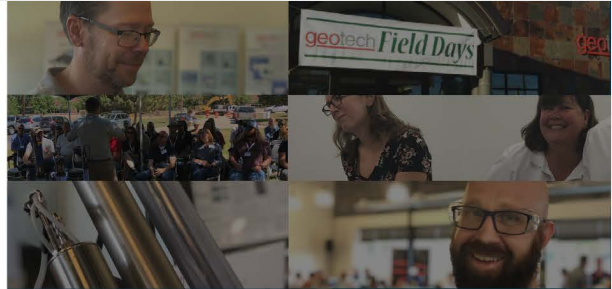


Thursday June 23rd, 2022

# GEOTECH FIELD DAYS 2022



## Colorado's New Vapor Intrusion Guidance

**CEMS Lunch Lecture** Chase Holton, Ph.D., P.E.  
Senior Environmental Engineer,  
Geosyntec Consultants, Inc.

CDPHE published an update to their vapor intrusion (VI) guidance in May 2021 that applies to Colorado cleanup sites including Resource Conservation and Recovery Act (RCRA), voluntary cleanup program (VCP), dry cleaner, and Brownfield Program sites. The updated guidance document adopts many concepts from U.S. Environmental Protection Agency (EPA) and Interstate Technology and Regulatory Council (ITRC) guidance documents, including the adoption of EPA regional screening levels (RSLs) and vapor intrusion screening levels (VISLs), as well as petroleum site screening criteria. This presentation will provide an overview of the new guidance document, including a summary of noteworthy changes and updates, and a discussion of how the guidance may impact current Colorado VI sites.

Chase Holton, Ph.D., P.E. is a Senior Environmental Engineer with Geosyntec Consultants, Inc. in Lakewood, Colorado, specializing in vapor intrusion assessment and mitigation, site characterization and remediation, and litigation support.

TIME	FRONT CONFERENCE ROOM	CAFETERIA	WEST OPEN ROOM	OUTDOOR TENT
8:30-9:00	BREAKFAST SPONSORED BY ACZ		Geotech Factory Tour - Meet by 8:30	
SESSION TRACK	PUMP SYSTEMS & SAMPLING METHODS	WATER QUALITY	FIELD EQUIPMENT ON DISPLAY	EQUIPMENT SALES
9:00-9:30	Ground Water Sampling Pump Options <i>Jeff Nimmo, Geotech</i>	Water Quality Sondes, Pressure Transducers, Flow, Telemetry <i>Adam Hobson, In-Situ</i>	Geotech Environmental Equipment & Vendor Area:  You'll find your edge as you explore the latest innovations and meet some of the leading instrument and technology experts during Field Days.	ANNUAL TENT SALE  Order new gear at special event pricing.
9:30-10:00	Dedicated Sampling Systems <i>Bryan Feack, Geotech</i>	ProDSS Water Quality Meter Maintenance & Calibration <i>Diego Davis, YSI</i>		
10:00-10:30	Best Sampling Practices <i>Jeff Nimmo, Geotech</i>	101 Sensor Selection & Practical Advice for Field Water Quality Monitoring <i>Ryan Cox, AquaRead</i>		
10:30-11:00	BREAK			
11:00-11:30	Manufacturing Strategies <i>Jeff Popiel, Geotech</i>	Handheld Turbidity Meters <i>Garrett Hansen, Geotech</i>		
11:30-12:00	Trace Metals Analysis <i>Jerome Gogue, Geotech</i>	Single and Dual Parameter Smart Sensors & Applications <i>Jassen Savoie, Seametrics</i>		
12:00-1:15	SEAMETRICS LUNCH SPONSOR  Colorado's New Vapor Intrusion Guidance CEMS LUNCH LECTURE (1 Credit)			
SESSION TRACK	AIR QUALITY INSTRUMENTS	WATER LEVEL & FLOW	FIELD EQUIPMENT ON DISPLAY	EQUIPMENT SALES
1:15-1:45	Portable Gas Chromatography for VOC Analysis in the Field <i>Pat Bingaman, Defiant</i>	Doppler vs. Transit Time: which Technology is Best for your Flow Application <i>Shaun Minton, Pulsar</i>	From the newest advanced water quality and air quality instrumentation, telemetry, sampling pumps, filtration, geophysical, soil sampling, and remediation equipment.	Check out the refurbished and open box area for equipment at 50%-70% Off.
1:45-2:15	PID Sensing Technology <i>Blake Piritz, Ion Scientific</i>	Flow Meters <i>Jassen Savoie, Seametrics</i>		
2:15-2:45	Gas Detection Solutions <i>Lonnie Toby &amp; Craig Kholos, Honeywell Analytics</i>	Water Level Measurements Best Practices <i>Jeff Nimmo, Geotech</i>		
2:45-3:15	BREAK			
3:15-3:45	Single & Multi Sensor Gas Detectors <i>Henry Dukart, RKI Instruments</i>			
3:45-4:15	FID Detectors <i>Kevin Moses, LDAR Tools</i>	HGAS Service Made Simple <i>Denning Blevins, Honeywell Analytics</i>		
4:15-7:00	Field Days Happy Hour, Food & Games		CORN HOLE SPONSORED BY IN-SITU	

Thank you to our Sponsors:

