

MONDAY APRIL 20 | 8:00AM - 10:00AM

11. WASTEWATER, GROUNDWATER, TREATMENT REMEDIATION, ELG, FGD



11.1 BENEFICIAL REUSE OF FLARE GAS FOR HEAVY OIL PRODUCED WATER TREATMENT

Ben Laurent, Vice President, Engineering, Heartland Water Technology

11.2 THE FOX CANYON GROUNDWATER PILOT: CASE STUDY OF A CALIFORNIA MARKET

Maya Hoholick, Wastewater Environmental Specialist, California Lutheran University



11.3 WATER TREATMENT MARKET IMPACTS UNDER THE ELG RULE AND CCR CLOSURES

David Cox, President, FirmoGraphs, LLC

MONDAY APRIL 20 | 10:00AM - 12:00PM

12. 316(B), ELG, FGD WASTEWATER MONITORING & MANAGEMENT



12.1 THE WATER-ENERGY NEXUS: PARTNERING WITH DOE/NETL

Thomas Feeley, Strategic Partnership Manager, National Energy Technology Laboratory



12.2 MULTI-METALS CONTINUOUS WATER ANALYZER BASED ON ED-XRF

Troy Pittenger, R&D Director, Cooper Environmental



12.3 ONLINE ANALYSERS FOR MERCURY, ARSENIC AND SELENIUM: EXCEEDING THE US E

Warren Corns, R&D Manager, PS Analytical



12.4 316(A): LESSONS LEARNED

Greg Seegert, Chief Ichthyologist, EA Engineering, Science & Technology

MONDAY APRIL 20 | 2:00PM - 4:00PM

13. 316(B), COOLING TOWER,



13.1 THE REALITIES OF INSTALLING EPA 316(B) COMPLIANT TRAVELING SCREENS

Ford Wall, Vice President of Sales, Atlas-SSI Inc.



13.2 HOW TO ELECTROSTATICALLY CLEAN YOUR CHILLER/COOLING TOWER SYSTEM

George Wagner II, CEO, Wagner Technologies, LLC



13.3 NEW AND NOVEL NO PHOSPHOROUS COOLING WATER TREATMENT

Peter Macios, Executive Product Manager, Suez Water Technologies and Solutions



13.4 316(B) FISH RETURN TROUGH CONSTRUCTION AT NEARMAN CREEK

Matt Bleything, Associate Civil Engineer, Burns & McDonnell

TUESDAY APRIL 21 | 8:00AM - 10:00AM

14. WATER SUSTAINABILITY RISK SECURITY



14.1 A SUSTAINABLE APPROACH TO IMPLEMENTING DESALINATION FACILITIES

Ted Schilling, West Region Design & Engineering Manager, Arcadis



14.2 WATER RISK MANAGEMENT - FROM RISK TO OPPORTUNITY

Krystal Perez, Global Technology Lead - Water for Power, Jacobs

TUESDAY APRIL 21 | 10:00AM - 12:00PM

15. WATER TREATMENT & MANAGEMENT



15.1 EFFECT OF HALOGEN ADDITIVES ON DOWNSTREAM CITY WATER TREATMENT PLANTS

Regina Rodriguez, President, Carbonxt



15.2 SECTION 316(B) OPTIMIZATION STUDY AT NEARMAN CREEK POWER STATION

Christopher Wiggins, Aquatic Ecologist, Burns & McDonnell



15.3 ENERGY EFFICIENT WASTE HEAT COUPLED FORWARD OSMOSIS FOR EFFLUENT WATER

Nandakishore Rajagopalan, Associate Director, Illinois Sustainable Technology Center (ISTC), Prairie Research Institute (PRI), University of Illinois Urbana Champaign (UIUC)



15.4 REDUCING CORRECTIVE ACTIONS THROUGH MODELING

Ernie Stine, Scientist V, APTIM; Vikas Tandon, James Teo

TUESDAY APRIL 21 | 2:00PM - 4:00PM

16. 316 (B) WATER MANAGEMENT TECHNOLOGIES ALGAE



16.1 UPDATE OF WATER-RELATED ANALYSIS WORK AT NETL

Eric Grol, Energy Analyst, USDOE/NETL; Marc Turner, Leidos; Eric Lewis, Deloitte



16.2 NOXIOUS ALGAE STRATEGIC MANAGEMENT FOR ENERGY AND ELECTRIC UTILITIES

Alyssa Calomeni, Scientist, EA Engineering, Science, and Technology, Inc., PBC



16.3 SIMPLIFYING BIOLOGICAL TREATMENT OF FGD WASTEWATER

Nelson Fonseca, Senior Market Development Manager - Power FGD, SUEZ Water Technologies & Solutions



16.4 NEW PINCH VALVE TECHNOLOGY

John Chapman, Nuclear Engineering Director, Continuous Engineering Solutions