

ADVISORY BOARD TRACK I



This Track provides presentations on current technologies and strategies, concerning water and wastewater management, including 316 (b), cooling towers, FGD, ZLD, coal ash, and remediation in the energy industry.

Monday | 1PM - 3PM

11. WASTEWATER MANAGEMENT, GROUND WATER, REMEDIATION

11.1 PROGRESS AND PERFORMANCES IN DISTILLERY STILLAGE TREATMENT
Getachew Gebreeyessus, Lecturer, Kotebe Metropolitan University

11.2 BOILER BLOW DOWN RECYCLE FOR WET LAY UP
Mohammed Almugahwi, Process Engineer, Saudi Aramco; Fahad Al-Senayin

11.3 GROUNDWATER MANAGEMENT AND REMEDIATION USING SLURRY WALL SYSTEMS
Dale Evans, Senior Director of Technology & Strategy, Remedial Construction Services; Karin Stewart Harmon

Monday | 3:30PM - 5:30PM

12. 316(b)

12.1 REDUCING CORRECTIVE ACTIONS THROUGH MODELING
Ernie Stine, Scientist V, APTIM; Vikas Tandon, James Teo

12.2 316(B) COMPLIANCE: PLANNING AND IMPLEMENTING ENGINEERING SOLUTIONS
Dallen Kroger, Engineer, Burns & McDonnell; Christopher Wiggins

12.3 ESTIMATED BIOLOGICAL EFFICACY OF SCREENING TECHNOLOGIES AND SURVIVAL
Christopher Wiggins, Certified Ecologist, Burns & McDonnell

Tuesday | 7:30AM - 9:30AM

13. 316(b), COOLING TOWER

13.1 COOLING TOWER RETROFIT FOR 316(B): CHALLENGES THAT AFFECT COST
Andrew Cerra, Mechanical Engineer, Burns & McDonnell; Christopher Wiggins

13.2 A STUDY OF 316(B) IMPLEMENTATION AT ALABAMA POWER PLANT BARRY
Mark Hussey, National Account Manager, Intralox

13.3 THERMAL VARIANCE DEMONSTRATION STUDY ON THE MISSISSIPPI RIVER
Brian O'Neill, Senior Aquatic Ecologist, Burns & McDonnell

13.4 EPA 316(B) IMPACT ON CIRCULATING WATER PUMPS AND MOTORS
Kurt Schumann, President, ProPump Services, LLC.

13.5 ABQAIQ PLANTS EFFORT FOR REUSING 1ST PASS RO REJECT AS MAKEUP FOR PLAN
Mohammed Almugahwi, Process Engineer, Saudi Aramco; Fahad AlSenayin

Tuesday | 10AM - 12PM

14. WATER SUPPLY & SECURITY

14.1 IDENTIFY OPTIMUM PERFORMANCE MEMBRANES FROM FILTRATION PERFORMANCE
Mohammed Almugahwi, Process Engineer, Saudi Aramco; Fahad AlSenayin

14.2 INDEXING APPROACH FOR ASSESSING HEAVY METALS WATER POLLUTION
Abdrabelnabi Abdelhady, Professor, Damanhour University; A Mad Fawzy Abdelaty

14.3 HOW TO ENSURE WATER SUPPLY SECURITY
Aaron Morrison, President and CEO, Chaoticwaters, Inc.

Tuesday | 3:30PM - 5:30PM

16. 316(b), ELG & WASTEWATER

16.1 UPDATE OF WATER-RELATED ANALYSIS WORK AT NETL
Eric Grol, Energy Analyst, USDOE/NETL; Marc Turner, Leidos; Eric Lewis, Deloitte

16.2 316(B) DO'S AND DON'T'S
Greg Seeger, Chief Ichthyologist, EA Engineering, Science & Technology

16.3 PARTNERING WITH BIG INDUSTRY TO REDUCE NUTRIENT POLLUTION
Sarah Gilstrap, Senior Environmental Scientist, Burns and McDonnell

Wednesday | 7:30AM - 9:30AM

17. WATER MANAGEMENT & COMPLIANCE



Tuesday | 1PM - 3PM

15. FGD WASTEWATER - ELG

15.1 FGD WASTE WATER TREATMENT - PRETREATMENT + BRINE CONCENTRATION
Lanny Weimer, Product Management, Suez Water Technologies and Solutions

15.2 COMPLIANCE UNDER THE NEW(ER) ELG RULE
Patricia Scroggin, Regional Practice Manager - Energy, Burns & McDonnell

Wednesday | 10AM - 12PM

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