

# 2024 Environmental & Water Quality Conference

March 27 & 28, 2024, AmericInn, Fort Pierre, South Dakota



## Wednesday, March 27, 2024

**7:00 am—8:00 am** Conference Registration

**MORNING SESSIONS:** Moderator—Colin Chatterton, Knife River (SDAEP President)

8:00 am *Conference Welcome and Announcements*

8:15 am *Testing and Reporting of PFAS* —Sammi Blood, SD DANR Drinking Water Program

9:00 am *Groundwater Monitoring Network Overview*—Tom Marshall, SD Geological Survey

**9:30 am—10:00 am BREAK**—Please visit the Conference Vendors

10:00 am *Progress of the Big Sioux River Project*—Barry Berg, East Dakota Water Development District

10:30 am *Nutrient Removal from Stormwater Utilizing Treated Wood Chips*—Dr. Guanghui Hua, South Dakota State University

11:00 am *Protection of SD Waters by Using Secondary Containment*—Tom Gere, SD DANR Inspection, Compliance & Remediation Program

**11:30 am—1:00 pm LUNCH**

**AFTERNOON SESSIONS:** Moderator—Robert Prann, AET (SDAEP Vice President)

1:00 pm *US Dairy Sustainability & Water Quality Program*—Whitney Blindert, Midwest Dairy and Lynn Bodwine, Dairy Farmer

1:45 pm *SD DANR Brownfields Program Overview*—Nayyer Syed, SD DANR Inspection, Compliance & Remediation Program & Andrew Riddle, EPA Region 8

2:15 pm *Development of Stream Quantification in South Dakota for Mitigation* — Nick McCabe and Kyle Werning, ISG

**2:45 pm—3:15 pm BREAK**—Please visit the Conference Vendors

3:15 pm *Sustainability and Solar Walls*—Stacy Waters, P.E, State Engineer

4:00 pm *Understanding microbial communities of biofilms using metagenome-assembled genomes (MAGs)* - Dr. Ram Singh, SD School of Mines & Technology

**4:45 pm** Conference Adjourns

**6:00 pm** SDAEP Annual Membership Meeting and Social—A short business meeting with drinks, appetizers, and good conversation!

**Thursday, March 28, 2024**

**7:30am—8:30 am Conference Registration**

**MORNING SESSIONS:** Moderator—Linda Watts, GeoTek (SDAEP Treasurer)

8:30 am ***Conference Announcements***

8:45 am ***Stillwater Train Derailment near Reed Point, MT***—Joyel Dhieux and Paul Peronard, US EPA

9:30 am ***2024 Integrated Water Quality Report***—Jay Gilbertson, East Dakota Water Development District

**10:00—10:30 am BREAK—Please visit the Conference Vendors**

10:30 am ***SD DANR RBCA Overview***—Terry Florentz, P.E., SD DANR Inspection, Remediation, & Compliance Program

11:00 am ***Glyphosate Spill & Cleanup near Plankinton, SD***—Dan Hanson, GeoTek

11:30 am ***Individual and Small On-site Wastewater Treatment Systems in South Dakota***— Neal Konda, P.E., SD DANR Livestock Services Program

12:00 pm ***Conference Closing Remarks***—Colin Chatterton, Knife River & SDAEP President

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