

# TENTATIVE SURFACE WATER TREATMENT WORKSHOP AGENDA

## TUESDAY, APRIL 27

10:00 am - 12:00 pm	Facility Tour at Moorhead Treatment Plant (Pre-Registration Required)
10:00 am - 12:00 pm	Fundamentals of Surface Water Treatment - Dr. Delvin DeBoer, SD State University
12:00 pm	Registration (No Lunch Provided)
1:00 pm	Workshop Kickoff - Welcome
1:15 pm	Introduction - Steve Burian, NDAWWA
1:45 pm	Green Consideration - J. Drake Hamilton, Fresh-Energy
3:15 pm	Break
3:30 pm	Wastewater Reuse - Bruce Grubb, City of Fargo
5:00 pm	Adjourn
5:30 pm	Poster Session (with hor d'oeuvres)

## WEDNESDAY, APRIL 28

SUPPLY/SOURCE WATER TRACK		TREATMENT TRACK	
7:00 am	Breakfast - Provided	7:00 am	Breakfast - Provided
8:00 am	Crypto Around the Country - Bob Clement, US EPA	8:00 am	UV Design Standards - Jeff Neeman, Black & Veatch
8:45 am	MN, ND, SD Crypto Data Study - Lisa Vollbrecht, City of St. Cloud; Lih-in Rezanja, MDH	8:45 am	Ion Exchange Pretreatment - City of Watertown
9:30 am	Sedimentation Fingerprinting - Shawn Schottler, St. Crix Research Station	9:30 am	Ozone/Peroxone 101 - Perry Johnson, AE2S
10:15 am	Break - with Refreshments	10:15 am	Break - with Refreshments
10:30 am	Anthropogenic Compounds in Surface/Finished Water in Sioux Falls, SD - Galen Hoogestraat, USGS	10:30 am	Conversion of Gravity Filters and Treatment Technology Selection - Hazel Fetters-Sletten, City of Grand Forks
11:15 am	Drought Management - Tim Stefanich, City of Sioux Falls	11:15 am	Benefits and Drawbacks of High Rate Filtration: Bismarck, ND WTP Case Study - Brett Jochim, AE2S
12:00 pm	Lunch	12:00 pm	Lunch

DISTRIBUTION TRACK		TREATMENT TRACK	
1:00 pm	Stage 2 Refresher - NDDH Representatives	1:00 pm	Taste and Odors in the Upper Midwest - Bo Johnston, Black & Veatch
1:45 pm	Stage 2 Data Study - Lisa Vollbrecht, City of St. Cloud; David Rindal, MDH	1:45 pm	Minneapolis Membrane Plant Case Study - Annika Bankston, MDH
2:30 pm	DBP Formation and Fate - Dr. Ray Hozalski, University of MN	2:30 pm	City of Fairmont Taste and Odor Removal Pilot Study - David Brown, AE2S
3:15 pm	Break	3:15 pm	Break
3:30 pm	Storage Tanks and Water Towers - Bob Clement, US EPA	3:30 pm	Treatment Toolbox: Analysis of Bacteria - Dr. Tim LaPara
4:15 pm	Distribution System Modeling, Ulteig	4:15 pm	Lewis & Clark Project Design Considerations - Banner
5:00 pm	Adjourn	5:00 pm	Adjourn

## THURSDAY, APRIL 29

7:00 am	Breakfast - Provided
8:30 am	Trends and Forecasting (Demographer)
10:15 am	Break
10:30 am	Living with a Changing Water Environment - Jerry Schooner, University of IA
11:00 am	Regional Water System Project Overview and Project Updates - Bureau of Reclamation
12:00 pm	Adjourn
1:00 pm	Facility Tour - Fargo Water Treatment Plant (Pre-Registration Required)