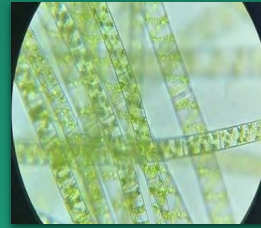
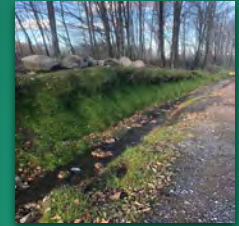


# WATER QUALITY PROGRAM



**Technical Assistance**

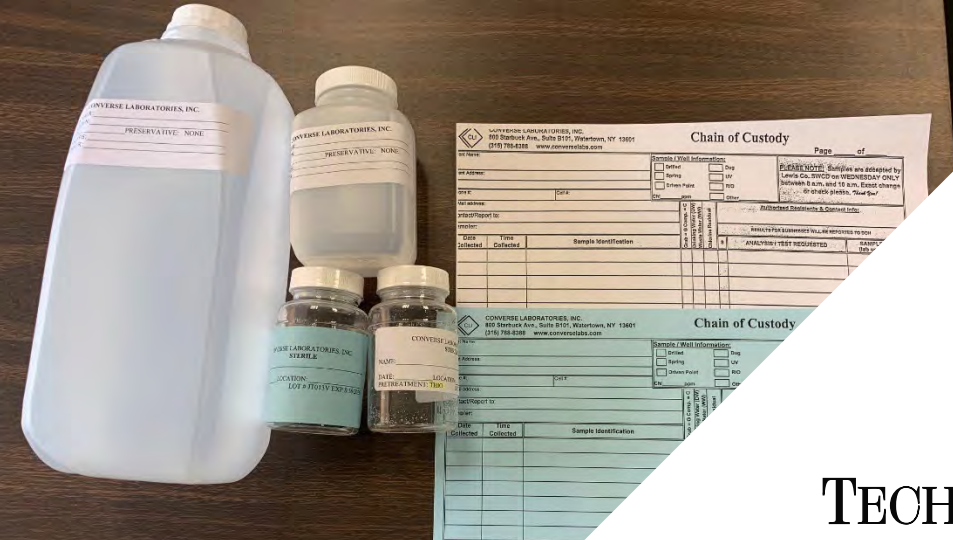
**Sediment & Erosion  
Control**



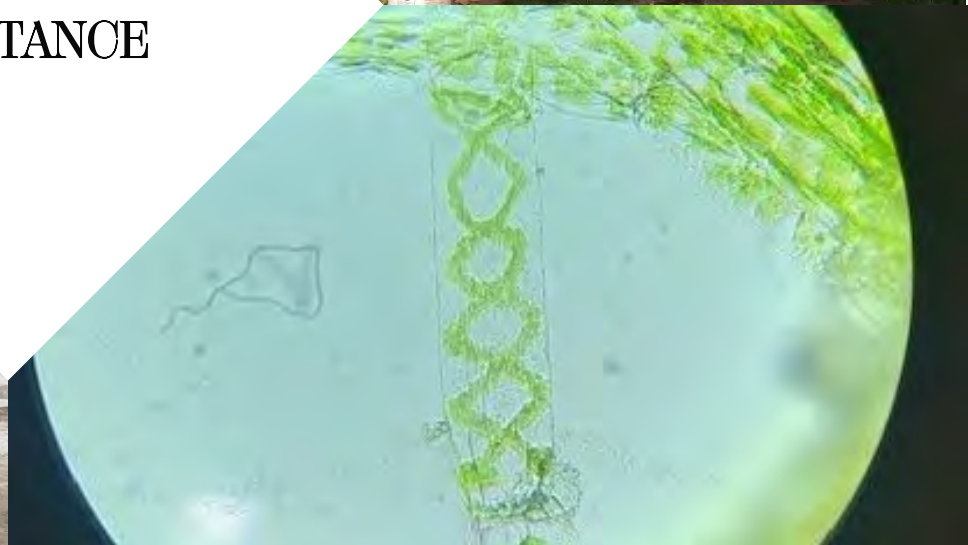
**Invasive Species &  
Streambank  
Stabilization**

**Water Quality  
Education**





# TECHNICAL ASSISTANCE





# Water Quality Information

- Water Sample Analysis for the public
- Provide education on well and well water quality
- Problem solve and make recommendations based on water source

**Chain of Custody** Page      of     

**CONVERSE LABORATORIES, INC.**  
800 Starbuck Ave., Suite B101, Watertown, NY 13601  
(315) 788-8388 www.converselabs.com

Client Name: \_\_\_\_\_  
Client Address: \_\_\_\_\_  
Client Phone #: \_\_\_\_\_ Cell #: \_\_\_\_\_  
Mail address: \_\_\_\_\_  
Contact/Report to: \_\_\_\_\_  
Sampler: \_\_\_\_\_

**Sample / Well Information:**  
☐ Drilled ☐ Dug  
☐ Spring ☐ UV  
☐ Driven Point ☐ R/O  
Chl \_\_\_\_\_ ppm ☐ Other \_\_\_\_\_

**PLEASE NOTE:** Samples are accepted by Lewis Co. SWCD on WEDNESDAY ONLY between 8 a.m. and 10 a.m. Exact change or check please. *Thank You!*

**Authorized Recipients & Contact Info:**

Date Collected	Time Collected	Sample Identification	Grab = 0 Comp = C Drinking Water (DW) Waste Water (WW) Chlorine Residual	S	ANALYSIS / TEST REQUESTED	SAMPLE ID# (lab use only)

**Chain of Custody** Page      of     

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Chl \_\_\_\_\_ ppm ☐ Other \_\_\_\_\_

**PLEASE NOTE:** Samples are accepted by Lewis Co. SWCD on WEDNESDAY ONLY between 8 a.m. and 10 a.m. Exact change or check please. *Thank You!*

**Authorized Recipients & Contact Info:**

Date Collected	Time Collected	Sample Identification	Grab = 0 Comp = C Drinking Water (DW) Waste Water (WW) Chlorine Residual	S	ANALYSIS / TEST REQUESTED	SAMPLE ID# (lab use only)

**Notes to Laboratory:**

Relinquished by:	Date	Time	Received by:	Date	Time	Rec'd Temp °C	ON ICE: Y / N	Total Coliform (presence/absence)	\$35.00
								Total/E. Coli (counts)	\$45.00
								Standard Plate Count	\$25.00
								pH	\$15.00
								Nitrite	\$15.00
								Nitrate	\$25.00
								* Normal turn around time for Nitrates - 2 to 3 weeks	

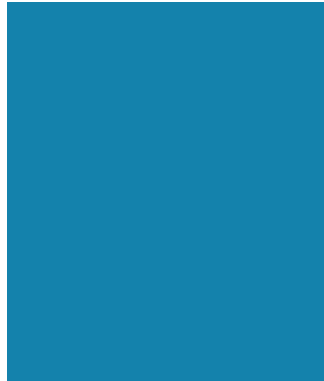
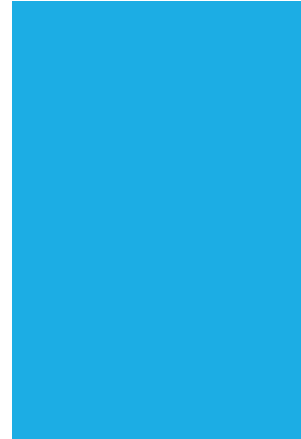
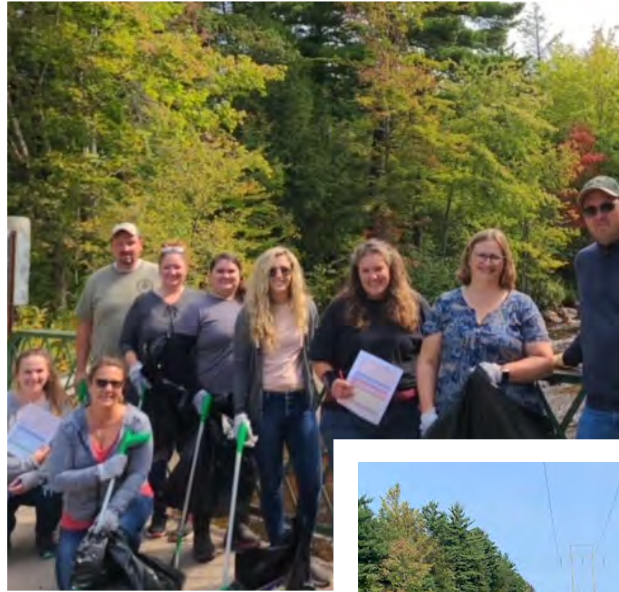
**Normal Turn Around Time (TAT) is 7 - 10 Business Days, unless otherwise specified.**  
☐ Normal TAT ☐ Rush TAT Date Needed: \_\_\_\_\_ a.m. / p.m Call Lab for RUSH pricing

**SAMPLE(S) AS RECEIVED CONFORM TO NELAP STANDARDS (Y/N) \*if no. see attached sheet**

Doc. # 311 a  
2/14/2022 Amt. Due: \_\_\_\_\_ Amt. Pd. \_\_\_\_\_ Cash Rec'd: \_\_\_\_\_ Check # \_\_\_\_\_ Charge to Acct.: \_\_\_\_\_  
D-0342 Initial Review: \_\_\_\_\_ Trace Review: \_\_\_\_\_

# Black River Trash Bash

Description	Eatonville
No. Pieces	628
Volunteers	9
Pounds of Trash Removed	70





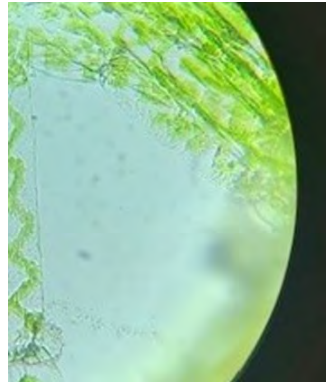
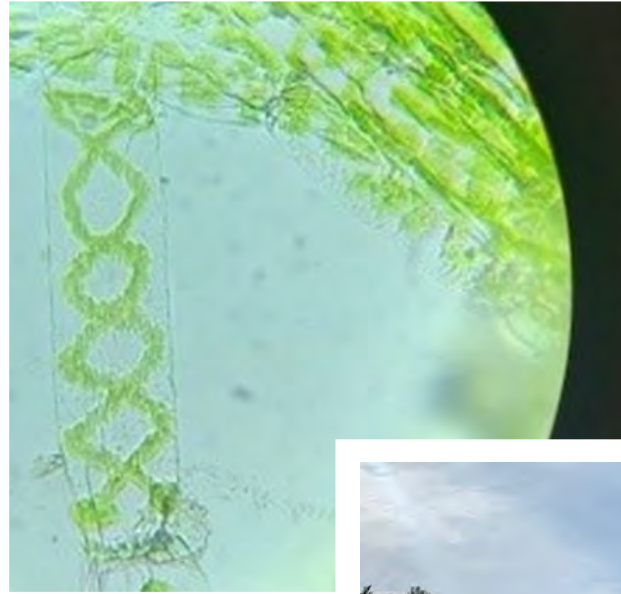


## Salt Storage & Management

Assist the  
Town of  
Denmark  
with WQIP  
Application

# Pond Assistance

- Identify algae issues
- Recommend water quality strategies to manage nuisance algae





WATER QUALITY & STAGE  
MONITORING

Flowing Sensor

JBS-3+ Flowing  
Sensor  
CAMPBELL  
SCIENTIFIC Made in USA SN: 109022





**Hudson River -  
Black River  
Regulating District**



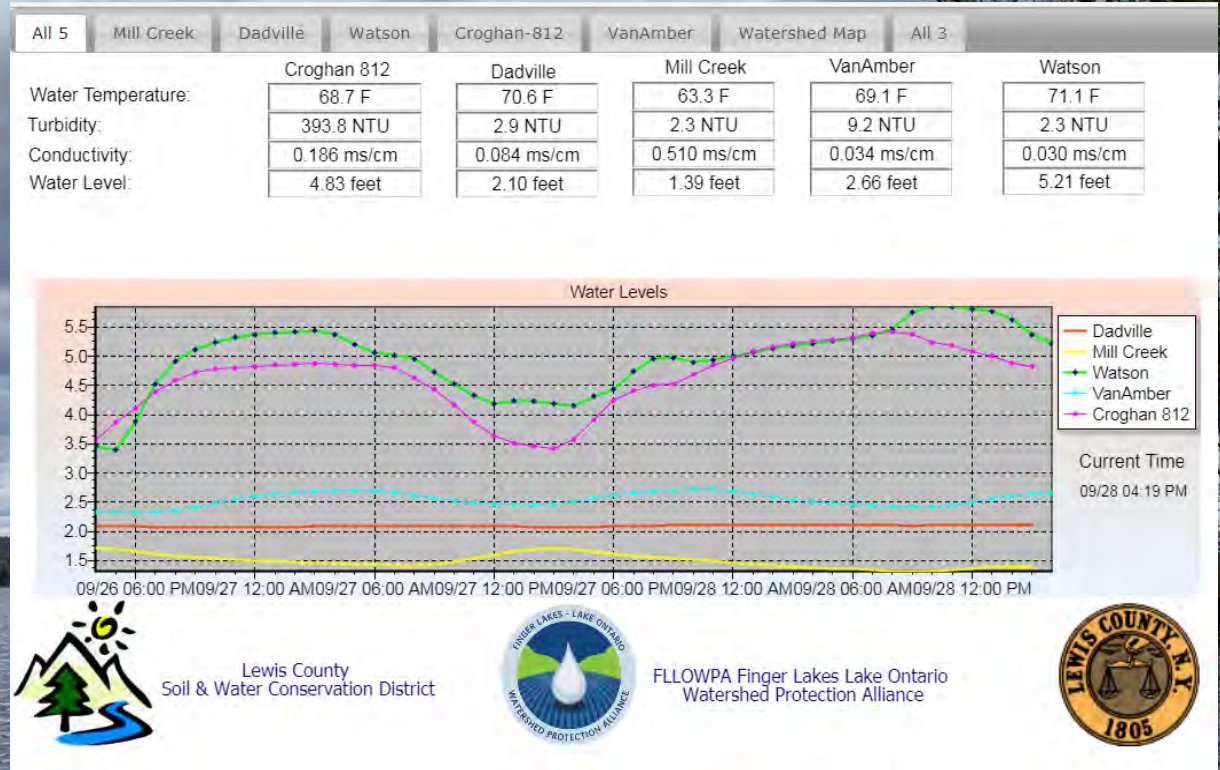
## Water quality and stage monitoring

- Initially collaborated with Lewis County, Emergency Management, County Highway, Legislature, Planning Department, Tug Hill Commission, Lewis County WQCC
- Assemblyman Blankenbush, Hudson River Black River Regulating District, NOAA/National Weather Service River Prediction Center, NYS DOT, Beaver River Advisory Council

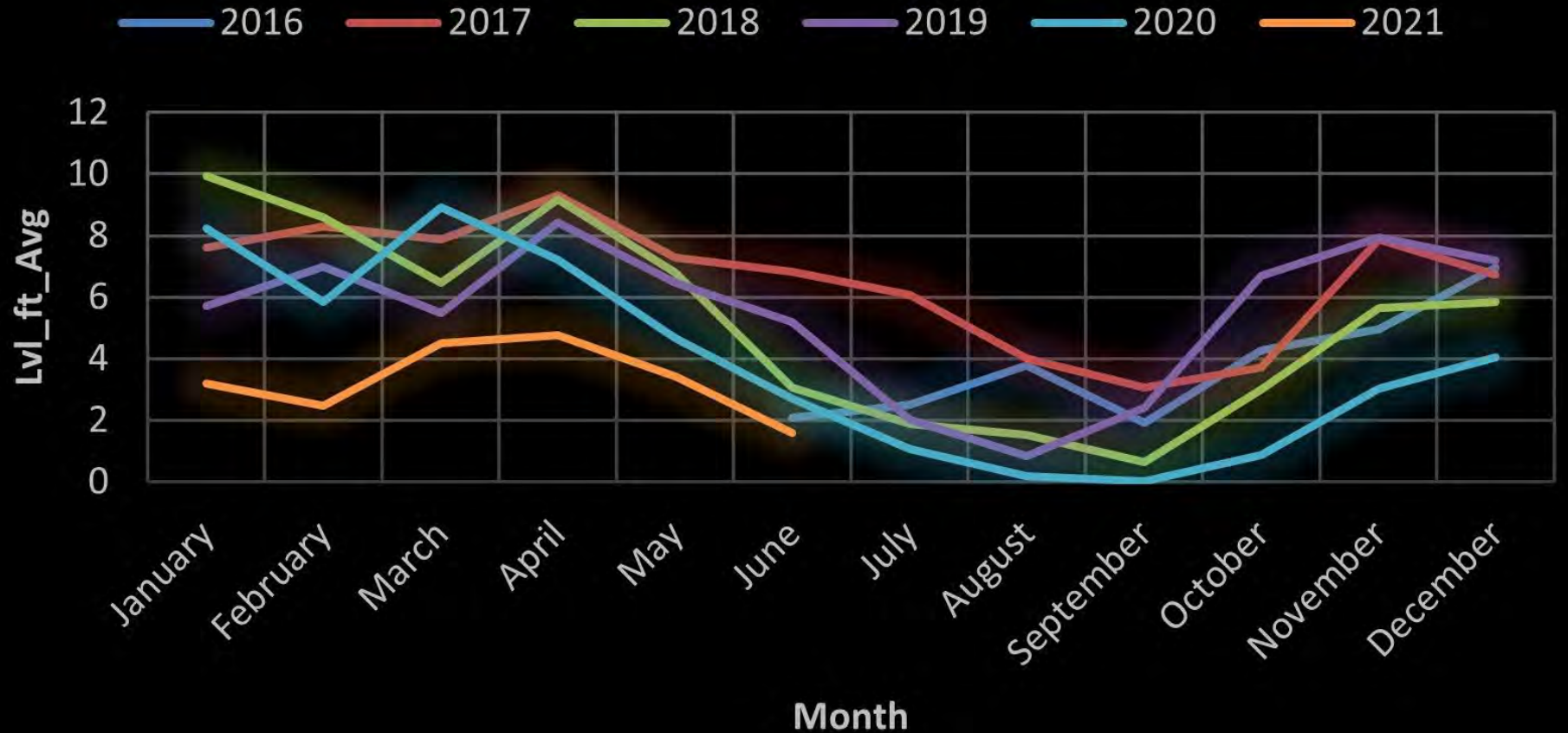


# Stream Gauge Dashboard

- Water Level
- Conductivity
- Turbidity
- Temperature



# Month vs Lvl\_ft\_Avg







Department of  
Environmental  
Conservation

# BIOLOGICAL MONITORING UNASSESSED STREAMS OR STREAMS OF CONCERN

## WAVE

Water Assessment  
by Volunteer  
Evaluators

# Sampling Guide







## SEDIMENT AND EROSION CONTROL





# Hydroseeding Program



# Sediment and Erosion Control



## Conservation Assistance to Municipalities

- Road maintenance, water lines, ditching, mine land reclamation
- Erosion Control
- Reduce Sedimentation in Lewis County Waterbodies





# Water Quality Education

# Education

- Black River Watershed Conference
- Water Quality Technical Assistance
- Riverfest
- Water Conservation Day







# 12<sup>TH</sup> ANNUAL BLACK RIVER WATERSHED CONFERENCE

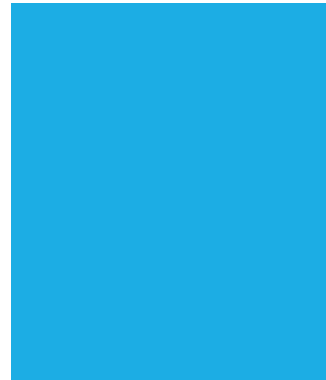
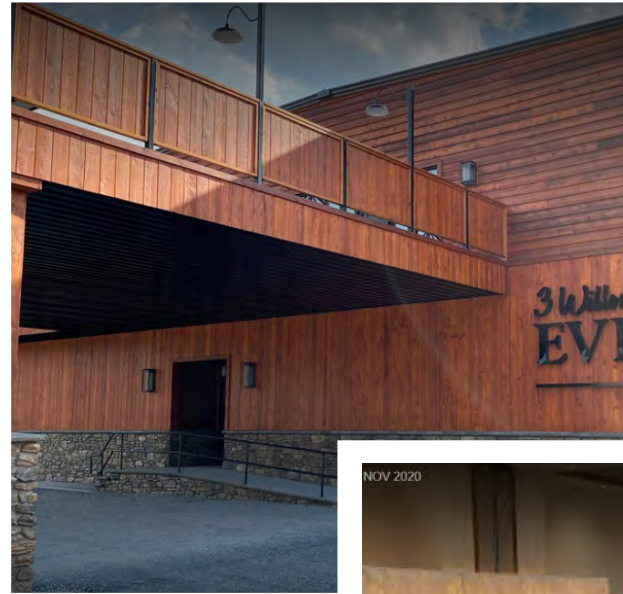
Nichelle Swisher – Jen Harvill – Patricia Shulenburg





To be held  
at the 3  
Willows  
Conference  
Center

# 3 Willows Event Center Lyons Fall, NY





# 12th Annual Black River Watershed Conference

Wednesday, June 8, 2022    🌿 3 Willows Event Center    🌿 Lyons Fall, NY

Sponsored by the  
Black River Advisory Council

8:00 am - 9:00 am	Registration and Breakfast
9:00 am - 9:15 am	Welcome and Opening Remarks ~ <i>Black River Watershed Conference Committee - Nichelle Swisher, Lewis County SWCD, Thomas Voss, NYSDEC (Retired) and Jennifer Harvill, NYS Tug Hill Commission</i>
9:15 am - 10:15 am	<b>Black River Watershed Soil and Water Conservation District Project Updates</b> <i>Lewis County - Japanese Knotweed Control Demonstration, Green Infrastructure</i> <i>Jefferson County - Reforestation/Afforestation/Riparian Forest Buffer Opportunities</i> <i>Oneida County - Best Management Practices for Water Management on Farms</i> <i>Hamilton County - Protecting Water Quality in the Black River Watershed with Green Infrastructure Innovation</i>
10:15 am - 10:30 am	Break
10:30 am - 11:30 am	<b>Community Updates</b> <i>Friends of the Black River ~ Heidi Lehman</i> <i>Black River Trash Bash ~ Jennifer Harvill, NYS Tug Hill Commission</i> <i>Salt Task Force ~ Nichelle Swisher, Lewis County SWCD</i> <i>Beaver River Septic Replacement Program ~ Casandra Buell, Lewis County Planning</i> <i>Great Lakes Updates ~ Emily Fell, NYSDEC and NYS Water Resources Institute</i>
11:30 am - 12:00 pm	Open Forum Discussion - Current Issues, Question and Answer Session
12:00 pm - 1:00 pm	Lunch
1:00 pm - 1:40 pm	Municipal Culvert Replacement Using the North Atlantic Aquatic Connectivity Collaborative (NAACC) ~ <i>Jo-Anne Humphries, Trout Unlimited</i>
1:40 pm - 2:20 pm	Citizen Science (CSLAP, WAVE, etc.) ~ <i>Keleigh Reynolds, NYS Department of Environmental Conservation</i>
2:20 pm - 2:30 pm	Break
2:30 pm - 3:10 pm	Urban Forest Sustainability Initiative ~ <i>Robert Smith, St. Lawrence Eastern Lake Ontario PRISM, The Nature Conservancy</i>
3:10 pm - 3:50 pm	Drinking Water Source Protection ~ <i>Abby Schmeichel, NYS Department of Environmental Conservation</i>
3:50 pm - 4:00 pm	Closing Remarks

## Black River Watershed Conference







# QUESTIONS

