

## EMSU Field Trips – Thursday, June 29

### 1) Land Use Planning in Waupaca County

Docent: Doug Miskowiak

This trip will focus on the role of University of Wisconsin Extension (UWEX) services in land and water planning issues in neighboring Waupaca County. In the morning, the group will visit local UWEX headquarters to hear an overview of their programs. Next, participant will explore aspects of land planning at Quantum Dairy where owner, Richard Wagner, will explain how his ultra-modern dairy operates. Among other strategies, Dr. Wagner operates a methane digester to reduce energy costs and mitigate phosphorus effluent. In the afternoon, participants will tour the Chain of Lakes aboard "The Lady of the Lake." Cruisers will learn about local history, and other current water management issues including the control of exotic species.

#### Itinerary

8:30	Depart from Country Springs
9:00 – 9:45	Waupaca County Court House (UWEX)
10:15 – 12:15	Quantum Dairy
12:15 – 1:15	Lunch in bus traveling to Chain of Lakes
1:15 – 2:45	Chain of Lakes boat tour
3:30	Return to Country Springs

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### 2) Renewable Energy Applications in Homes and Businesses

Docent: Sara Windjue

This trip will focus on the application of renewable energy and energy efficient technologies in residential and commercial construction. In the morning, participants will visit the headquarters of Gimme Shelter, a local builder, and the Midwest Renewable Energy Association (MREA). These two stops will demonstrate the broad spectrum of technologies used in local construction. Over lunch, participants will tour the new Mead Wildlife Visitor Center. Architect Tom Brown will explain how this unique project got off the ground. Next, at Wisconsin Dairy State Cheese, participants will have an opportunity to see cheese making in action and taste the finest local ice cream. Finally, participants will return to Stevens Point and tour a local energy efficient home.

#### Itinerary

8:30	Depart from Country Springs
9:00 – 9:30	Gimme Shelter – Amherst
9:50 – 10:30	MREA – Custer
11:00 – 12:30	Mead Visitor Center
1:00 – 2:00	Wisconsin Dairy State Cheese
3:00 – 3:30	Energy efficient home tour
3:45	Return to Country Springs

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### 3) History of Wisconsin Land Ethics

Docent: Brian Kermath

In 1949 Aldo Leopold published A Sand County Almanac, his classic land ethic narrative. Participants will visit the historical shack where Leopold lived while writing this work and will see the surrounding land that inspired much of his prose. In the afternoon, the tour will visit Glacial Lake Cranberries. This local property doubles as cranberry bog and wildlife refuge. Participants will discover how this authentic North American product is grown and harvested.

#### Itinerary

8:00	Depart from Country Springs
10:00 – 12:30 /1:00	Aldo Leopold Shack, Baraboo
12:30 – 2:00	Lunch in bus traveling to GLC
2:00 – 4:00	Glacial Lake Cranberries, Wisconsin Rapids
4:30	Return to Country Springs

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### 4) Native American Sustainable Forestry and Organic Agriculture

Docent: Rhonda Ambuehl

Tour participants will see two local Indian tribes, the Menominee and the Oneida, who specialize in renewable forestry and organic agriculture respectively. In the morning, we will visit the Menominee Logging Camp Museum and learn about the historical significance of logging in the region. Next, Bill Schmitt at the Menominee Saw Mill will lead a tour of the saw mill and resulting high quality forest products. Following this, Forester Marshal Pecore will lead us through the Menominee Forest. This unique area, which resembles old growth forest, has been sustainably harvested for over 100 years. In fact, the forest is so thick that the outline of Menominee County can be seen from satellite air photos. Mr. Pecore will explain the philosophy and techniques behind sustainable forestry. In the afternoon, participants will tour Tsunhehkwa, the Oneida organic agriculture program. Ted Skienadore, Horticulturist, will demonstrate how he operates this project and he may even ask for a helping hand.

#### Itinerary

8:30	Depart from Country Springs
10:00 – 10:45	Menominee Logging Camp Museum, Keshena
11:00 – 12:00	Menominee Saw Mill
12:00 – 1:30	Eat lunch in bus and see the Menominee Forest
2:30 /3:00 – 4:00	Tsunhehkwa – Oneida organic gardening project
5:30	Return to Country Springs

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## 5) Native American Culture and Environmental Education

Docent: Stan Gruszynski

This trip will immerse participants in Native American life, culture, and history. In the morning, Stan Gruszynski will lead a tour through the Lac du Flambeau Reservation. Stops may include the tribal fish hatchery, tribal museum and cultural center, and possibly even the casino. In the afternoon, Nick Hockings (Founder of Waswagoning, traditional pipe carrier, and certified teacher of Ojibwe language and culture) will lead a walking tour through Waswagoning, a traditional Indian village, depicting the way of life that honored the seasons, the earth and the natural resources. Experience hands-on viewing of wigwams, willow fish traps, birch bark baskets, bows, arrows, spears, hides and much more. On the return home, Assistant Director John Heusinkveld will lead a tour of Treehaven and explain how this unique education and research station supplements natural resource programs at UW – Stevens Point

### Itinerary

8:00	Depart from Country Springs
10:30 – 12:30	Tour Lac du Flambeau reservation, eat lunch in park
1:00 – 3:00	Waswagoning Indian village recreation
3:30 – 4:30	Treehaven
6:00	Return to Country Springs

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