

Oneida Tribe of Indians of Wisconsin
 Enrollment Department
 P.O. Box 365
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ONEIDA
 ENVIRONMENTAL,
 HEALTH & SAFETY
 NEWS

ehsd news

Lanuhwatsya?nikú·lale?



Spring 2016

www.facebook.com
 oneida-nsn.org/environment



Photo: S. Branch of Suamico River Northern Pike habitat project. Located on the east side of Olson Rd. Photo taken by Monika Blazs.

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UPCOMING EVENTS IN ONEIDA

ERB/Conservation will be hosting the 2016 Earth Day Events
 Saturday, April 30th

Come Celebrate



Earth Day 2016

On *ayote?á:ka* Lake
 On Crook Road and County U

9:00 AM...
 - **Opening Prayer**
 Light breakfast, pick up bags, gloves and orange vests

11:00 AM...
 - **Tree Give Away**
 Limit 6 trees per family

For more information, please call ERB at: (920) 496-5360

YOUTH & ELDER FISHING DAY

Saturday, May 21
 Ohsnhusa lake



Rain or shine

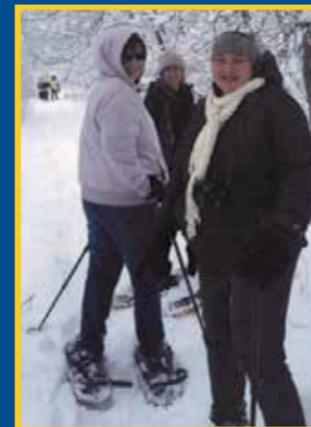
T-shirts for kids and elders

Prizes

Lunch Provided



Safe Routes to School are maintained by EHSD



Staff take some time to try snowshoeing in January



Turtle School in winter

ONEIDA HOSTS THE 21ST ANNUAL WISCONSIN WETLAND ASSOCIATION CONFERENCE

Wetland experts and enthusiasts from around Wisconsin and the Midwest gathered in Oneida February 23-25 for the Wisconsin Wetland Associations 21st Annual Wetland Science Conference. The two and a half day conference focused on Wetland Solutions. Conference attendees included; researchers, wetland professionals, government agency staff, tribal wetland specialists, educators, landowners, hunters, and concerned citizens from around the Midwest. EHSD took conference attendees out to Coyote Run Natural Area. Keynote speakers included;
-H.J. "Bud" Harris, Professor Emeritus of Natural and Applied Sciences at UWGB
-Leigh Fredrickson, Director of the Gaylord Laboratory at the University of Missouri



Vice Chairwoman Melinda Danforth welcomed attendees to the Annual Wisconsin Wetland Association Conference in February.



-Robin Wall Kimmerer, member of the Citizen Potawatomi Nation, Professor State University of New York, and author of *Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge, and the Teaching of Plants*.



Mark Steinbach of the Oneida Adventure Program and Tony Kuchma, Oneida Wetland Project Manager took conference attendees to Coyote Run Natural Area on snowshoes to explore Oneida's most successful wetland restoration project to date. Photo taken by Monika Blazs.

Protecting Groundwater and Preventing Pollution...

Enforcing UST Regulations in Oneida

The Oneida Compliance Assistance Program (OCAP) is committed to protecting human health and the environment by offering compliance assistance to owners and operators of underground storage tank (UST) facilities on the Oneida Reservation. The Oneida Environmental, Health & Safety Division and the Environmental Protection Agency (EPA) have a cooperative agreement in place that allows OCAP to perform inspections, provide UST trainings, and offer compliance assistance. Mock inspections are performed annually at every federally regulated UST facility in Oneida.



Training Underground Storage Tank Owners & Operators.



Underground storage tank removal at the 54 One Stop.

Training for UST Owners and Operators

These inspections are performed to identify and correct any issues before they become releases. In 2015, 100% of facilities located in Oneida were in compliance with federal regulations. The Oneida Compliance Assistance Program collaborates with UST industry leaders, experts, state inspectors, tribal professionals, and non-tribal business partners to educate and train owners and operators in Indian Country on all facets of their UST system. This year's UST Training will be held at the Radisson Hotel and Conference Center April 26th-28th. Topics to be covered; New UST Regulations, Demonstration of tank leak test, A/B operator roles and responsibilities, Overfill prevention, Emergency response spill procedures, Automatic Tank Gauging, UST component exercise, Interstitial monitoring.

REMINDER!! Change in Services

Due to budget constraints— EHSD will no longer rent or deliver picnic tables for private parties. We will continue to rent & deliver picnic table for tribally sponsored events. If you have questions call the Conservation Department at 920-869-1450.

What's new at the lake

Last Fall, EHSD removed the handicapped accessible fishing pier. It will be installed again in the Spring.

In February the Conservation Crew placed dead trees on top of the ice at Oneida Lake. Concrete ballasts were attached to the trees. In the spring, the ice will melt and the trees will fall to the bottom of the lake. This fish management technique provides cover and spawning space for fish in the lake.



Removing fishing Piers



Installing fish structure

Solar project will save tribe \$90,000 annually

As a member of the Oneida Energy Team, Eco-Services is spearheading a solar-electric project that will provide about \$90,000 per year of utility savings. Tribal buildings being considered for the project include the Health Center, Elder Apartments, and Irene Moore Activity Center.

The Energy Team was awarded a \$1 million grant in April of 2015. The grant will be matched by an investor for a total project cost of \$2 million. This project will install

more than 700 kilowatts of solar. In comparison, that's enough energy to supply nearly 100 homes. The solar will be installed on the roof of each building.

After a review of several proposals, the Energy Team has initiated talks with Sunvest Solar Incorporated, a Wisconsin-based company. What's the advantage? The investor is able to access tax credits that aren't available to the Tribe. This is a technique that communities with limited funds have been using to justify bringing solar into their community.



Re rendition of solar panels on the Elderly Apartments

To meet IRS rules, a few things need to happen:

- 1) The Tribe and the investor must form a limited liability company (LLC) that will manage the solar project for up to 10 years,
- 2) A power purchase agreement is drafted between the Tribe and the LLC. This agreement provides detail about the LLC's rights to sell the solar energy and to provide access for maintenance,
- 3) During the agreement, the Tribe will pay \$90,000 per year

for solar energy and \$0 for utility energy.

4) At the end of the agreement, the Tribe will own the solar.

5) As long as the system is regularly serviced, it will provide 20+ years of solar energy.

The Energy Team is working with a legal consultant specializing in energy, the National Renewable Energy Laboratory, Office of Indian Energy. Contact Michael Troge, 920-869-4572 or mtroge@oneidanation.org for more information.

JUST MOVE IT ONEIDA



June 18
9am
Oneida Lake

On June 18 there will be a Just Move It Oneida! Event at Oneida Lake. The event will start at 9:00am and will include a walk, canoeing, and kayaking.

There is a .3 mile hiking trail at the Oneida Lake site.



Food Safety is Important for a Community's Health and Safety

Foodborne illness is a serious public health threat that encompasses a variety of diseases and results from eating contaminated food. Contamination can result from chemicals or microorganisms, and can occur during any stage of food production and preparation. Almost **87 million** people suffer from a foodborne illness each year worldwide. 371,000 are hospitalized, and 5,700 die. The majority of these cases are caused by foods improperly prepared or mishandled. It is essential to the health of the community that food handlers and consumers understand the role they play in safe food preparation. Per Oneida Food Service Code, anyone who sells food at any tribal event or in tribal buildings must take our Food Safety Class. **The class is open to the public and is free.** Certification is valid for one year, after which point a recertification course must be completed each year to maintain certification. During class, participants will learn the requirements of the Oneida Food Service Code. This includes the keys to keeping food safe; methods of preventing cross contamination, proper cleaning and sanitizing, good personal hygiene, and time and temperature requirements. After the completion of the Food Safety Class, participants can apply for a license to sell food on the reservation. There are 3 types of licenses that are issued by the Oneida Licensing Department:



AJRCCC staff prepare food during a food service inspection.

Oneida Food Safety Class

According to the Oneida Food Service Code and in order to provide the safest food products to the community, people who wish to sell food at any Tribal sponsored event (PowWow, Carnival, etc.) or in Tribal buildings are required to complete and maintain food safety certification.

2016 Schedule

CERTIFICATION		RECERTIFICATION	
March 23	5 - 9 P.M.	March 16	12 - 1 P.M.
April 20	5 - 9 P.M.	April 6	5 - 6 P.M.
May 18	5 - 9 P.M.	May 4	5 - 6 P.M.
June 15	5 - 9 P.M.	May 25	12 - 1 P.M.
July 1	9 - 12 P.M.-NHC	June 1	5 - 6 P.M.
July 13	5 - 9 P.M.	July 1	12 - 1 P.M.-NHC
August 10	5 - 9 P.M.	July 27	5 - 6 P.M.
September 7	5 - 9 P.M.	August 24	5 - 6 P.M.
October 19	5 - 9 P.M.	September 21	5 - 6 P.M.
November 2	5 - 9 P.M.	October 5	5 - 6 P.M.
		November 16	5 - 6 P.M.

LOCATION: Little Bear Development Center, N7332 Water Circle Place, Oneida, WI 54155

SIGN UP: Call the Environmental, Health & Safety Division at (920) 869-4553 or email vmiller@oneidanation.org

If there are not at least 3 people signed up and present within 15 minutes of the class start time, the class will be canceled.



Temporary Event License: for a one time event, i.e. the Pow Wow, Apple Fest etc.

Permanent Establishment License: for the fiscal year (October 1-September 31).

Independent Food Vendor License: for one year from the date the application is issued, as long as the applicant's food class certification is valid. This license allows the seller to sell within reservation boundaries on a regular basis.

Food **CANNOT** be prepared at home and sold to the public for profit. Food must either be prepared on site, or in an approved kitchen. Once licenses are approved, EHSD will conduct a pre inspection of the set up or facility. Independent Food Vendors and Permanent Establishments will be inspected by EHSD on a biannual basis. Temporary Event Vendors will be inspected each day of operation during the event. To sign up for class or with any questions or concerns regarding the sale of food on the reservation, please contact Vanessa Miller @ 920-869-4553 or email vmiller@oneidanation.org.

Hunter Education Class Graduates



A Hunter Education Class graduated on March 2. A second class will graduate in April. From left to right:

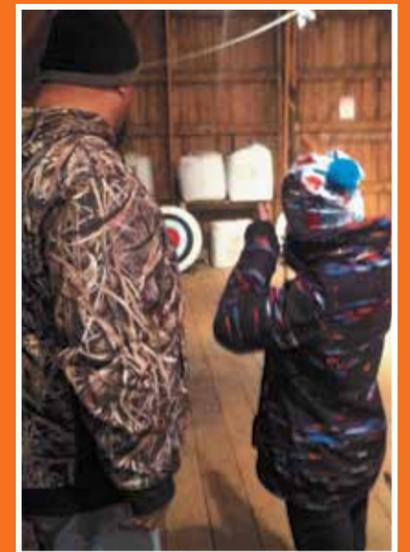
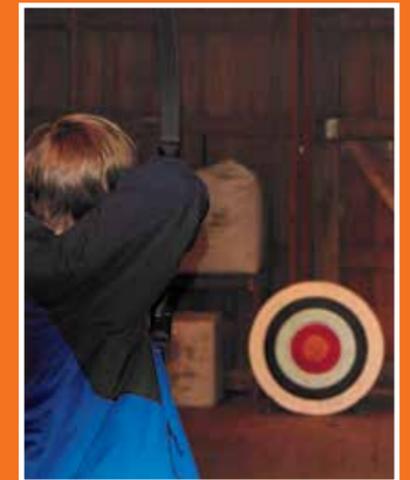
Jonathon Phillips, Hannah Cornelius-Waupoose, Sylvia Cornelius, Naythan Skenandore, Jaidin Sikorsky, James Hill, Memphis Metoxen, Jen Falck, Briseis Metoxen, Caleb Aguirre, and Ruby Kuchma.

For over 20 years the Conservation Department (OCD) has hosted Hunter Safety Courses. On average, 40-50 students participate.

New hunters that commit to the course learn many lessons that promote safety, ethics, and having fun afield. Some of the lessons taught in the classes include proper firearm care/safety, marksmanship, hunting techniques, and survival skills. While students gain the knowledge and concepts of being good stewards of the land, they are also taught that hunting is a privilege and not a right.

While the students are learning lessons about the privilege of hunting, instructors encourage them to step out of their comfort zone and practice the skills that will be used out in the field. Students learn different tactics of firearm safety as they work through scenarios that they may encounter while hunting. As the students gain the knowledge and skills of proper firearm use, they also build confidence in their own abilities. These steps help to ensure that they are safe and responsible hunters in the future.

If you or family member is interested in signing up for a Hunter Safety Course, please contact the Oneida Conservation Office at (920) 869-1450 for details regarding upcoming courses.



Top - Briseis Metoxen aims for her target. Middle - Jaidin Sikorsky draws back his bow. Bottom - Ruby Kuchma gives archery a try.



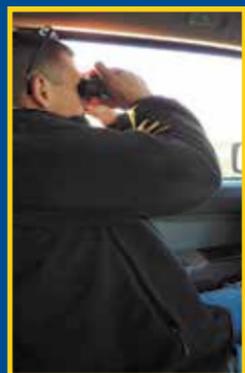
April 16 Midwest Crane Count Day

Each year in mid-April, over 2,000 volunteers travel to their local wetlands and favorite birding locations to participate in the Midwest Crane Count. The annual survey of Sandhill and Whooping Cranes spans over 90 counties and 6 states of the upper Midwest—Wisconsin, Illinois, Indiana, Iowa, Michigan, & Minnesota. The event is organized by the International Crane Foundation.

This year's count will be on April 16th from 5:30am-7:30am.



The two most important pieces of equipment are a strong cup of coffee and a pair of binoculars.



OUR CHANGING CLIMATE

Wednesday March 30, 2016 - 5:00 PM - Oneida Library

EHSD will present an introduction to climate change. Please join us to learn about climate change and discuss what we can do adapt to coming changes.

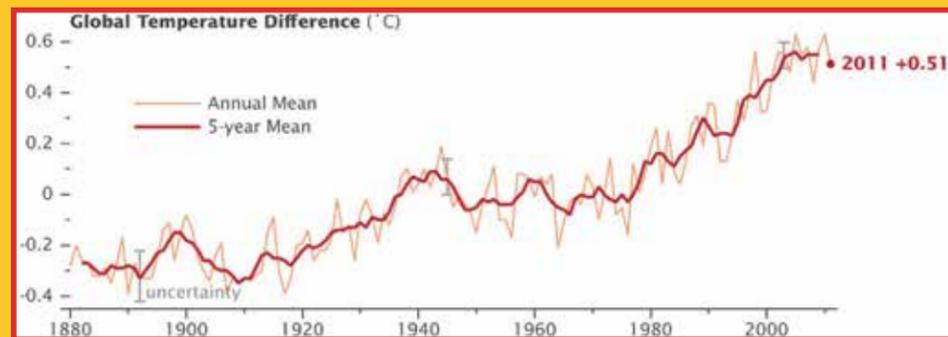
Our climate is changing and much of that change is due to the release of large amounts of greenhouse gases from burning fossil fuels, like oil and coal, to make energy. Greenhouse gasses, like carbon dioxide and methane, high up in our atmosphere, trap energy and warm up the earth much like the glass in a greenhouse lets in sunlight (energy) and traps the heat.

Global warming is when energy is trapped by greenhouse gases and the earth heats up over time. Global warming is used to describe the increase in temperatures of the earth, but weather includes temperature, humidity, wind, rain, snow, fog, and storms.

- **Climate change** is the change in averages for all the weather components over long periods of time.
- **Weather** is the hourly, daily, seasonal changes that we expect and experience
- **Climate** is the average weather over at least 30 years that we study.

In Wisconsin we know that over the last 60 years the climate has changed with higher temperatures and more precipitation. Climate Change scientists expect even greater climate changes over the next few decades with warmer winters, hotter summers, and more rain.

On Wednesday March 30, 2016, at 5:00 PM Oneida EHSD will present an introduction to climate change at the Oneida Library. Please join us to learn about climate change and discuss what we can do to adapt to coming changes.



Temperature is one element of climate. This line graph shows rising temperatures over 120 years.

SCIENTISTS AGREE

Scientists have been studying climate change since the late 1800s when the greenhouse effect was first hypothesized. Now, 97% of climate scientists agree that climate change is happening, that it's man-made, and that if greenhouse gas emissions continue, the warming will accelerate.

AVERAGE GLOBAL TEMPERATURE

Historical | Current Times | Future

2100

Now

YEARS

Source: This graph was compiled using information from Merriott et al. 2013

- IT'S NOT THE SUN**
Upper levels of the atmosphere are cooling, which is what would happen if climate change is man-made.
- TEMPERATURE IS INCREASING**
Thermometers and satellites show that temperature is increasing in rural and urban areas and over oceans.
- EXTREME WEATHER IS INCREASING**
Weather extremes are on the rise and last longer.
- DROUGHT & WILDFIRES ARE INCREASING**
Extended periods of dry, hot weather are increasing drought and wildfires.
- SNOW & ICE ARE VANISHING**
Snow and glaciers are shrinking. Arctic sea ice hit its lowest extent on record in 2012.
- PERMAFROST IS MELTING**
Permafrost is melting rapidly, causing infrastructure damage and releasing more greenhouse gas.
- SEA LEVEL IS RISING**
After 2,000 years of little change, global sea level began to rise in the 20th century.
- ECOSYSTEMS ARE CHANGING**
Plant life-cycles are changing, and the migration patterns of animals are being impacted.



Happy Anniversary Inez Douglas! Inez celebrated 20 years with EHSD in February. Thanks for all your hard work and dedication over the years!

YAW^KO



Quarry Park Natural Area Entrances located on N. Overland Rd. There are 2.52 miles of hiking trails and a 5 acre lake at this site. Other activities include fishing, sight seeing, camping, and bow hunting.



Cross country ski trails were put in at Oneida Lake and near the Social Services Building in January.