

Oneida Business Committee Agenda Request

1. Meeting Date Requested: 4 / 13 / 16

2. General Information:

Session: Open Executive - See instructions for the applicable laws, then choose one:

Agenda Header:

Accept as Information only

Action - please describe:

3. Supporting Materials

Report Resolution Contract

Other:

1.

3.

2.

4.

Business Committee signature required

4. Budget Information

Budgeted - Tribal Contribution

Budgeted - Grant Funded

Unbudgeted

5. Submission

Authorized Sponsor / Liaison:

Primary Requestor:

Your Name, Title / Dept. or Tribal Member

Additional Requestor:

Name, Title / Dept.

Additional Requestor:

Name, Title / Dept.

Oneida Business Committee Agenda Request

6. Cover Memo:

Describe the purpose, background/history, and action requested:

EH&SD's 2nd Quarter Report.

- 1) Save a copy of this form for your records.
- 2) Print this form as a *.pdf *OR* print and scan this form in as *.pdf.
- 3) E-mail this form and all supporting materials in a **SINGLE** *.pdf file to: BC_Agenda_Requests@oneidanation.org



FY16 Second Quarter Report



Oneida Environmental, Health, and Safety Division
March 31, 2015



Overall Impressions of the Second Quarter

This quarter focused on planning for the upcoming field season. We have been working with the various teams to develop alignment and implementing our activities with the Business Committee’s Practical Vision and their focus initiatives.

Several grant opportunities were identified to bring in outside dollars for these projects, nearing one million dollars. Several of these grants focus on improving soil health and keeping soil on the land, which will improve water quality and stream health on the reservation. Other grant applications focus on climate change readiness and alternative energy.

Finally, we are very excited about the opportunity to work with the Internal Service Division and the Oneida Veterans on an aquaponics project. EHSD is assisting in research and will provide technical assistance for the project.

Practical Vision: How EHSD Contributes...	
Practical Visions	EHSD Second Quarter Activities
An engaged community	23 students participated in the Hunter’s Education Classes hosted by the Conservation Dept.
Accountable & effective government	The underground storage tank program completed all the compliance assistance visits on the reservation.
Leaders who promote positive social change	EHSD collaborated on the Exercise Pilot Program, and LBDC became a participating site in the 3 month project.
Living a good mind, Ka?nikuh·liyo	EHSD staff are taking advantage of the Exercise Pilot Program to improve their health and wellness.
Volunteerism	EHSD is working with Oneida Veteran’s to start an aquaponics system.
Long term sustainability plans	Staff is working on identifying and hiring summer interns.
Create economic systems	EHSD staff helping the Veteran’s build and operate an aquaponics system.



February
Setting cross country ski trails at Oneida Lake, Social Services, and Turtle School



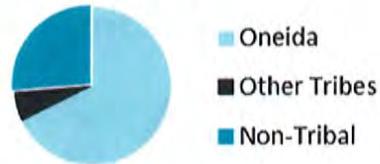
January
The restroom facilities completed at Oneida Lake.

EHSD has chosen to report out on one initiative for the second quarter		
Focus Initiative		EHSD Second Quarter Activities
Community Development	Housing	<ul style="list-style-type: none"> Member of the Neighborhood Development Team Work toward connecting neighborhoods through safe trail systems Develop green space, urban landscaping, etc. Healthy home services
	Central Oneida	<ul style="list-style-type: none"> LUTUS, Level I and II environmental assessments Assist in demolition Remediate and restore brownfield
	Food Hub	<ul style="list-style-type: none"> Improving soil and water quality Implement BMP's that contribute to cleaner environment Food safety training, inspections, and licensing Create harvesting opportunities- plant berries, nut trees, wildlife and fish management.

Personnel

FTE's	Youth Workers	WTCAC Volunteers	Total
30	0	0	30

First Quarter EHSD Workforce Demographics
67% of EHSD staff is Oneida



Time-Off Accrual Management

We have 8 employees over the 200 hours for vacation and personal time accruals. Each of these employees is encouraged to take time off monthly by their supervisor and to review their hours on the Employee Self Services computer site.

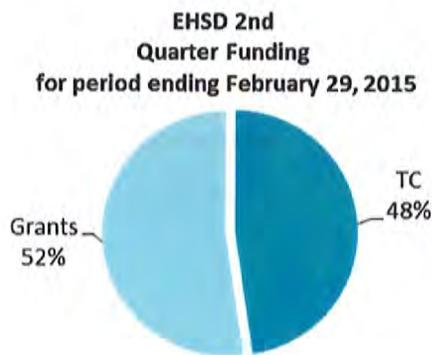


February Staff tried snowshoeing on the Duck Creek Trail and collected some RAS points.

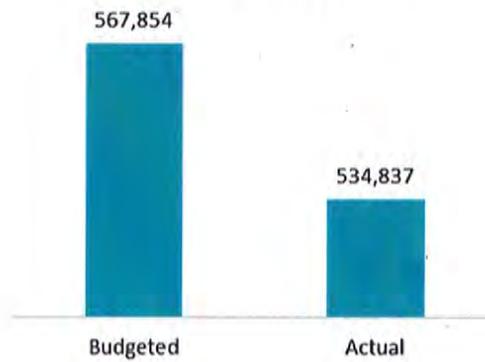


EHSD Travel for 2nd Quarter			
Travel costs were either reimbursed back to the tribe or funded with 100% grant dollars.			
Staff	Event	Location	Cost
Environmental Specialist	Tribal Waste and Response Assistance Program Mtg.	Washington DC	\$270.50
Environmental Specialist	Tribal Environmental Information Exchange Conference	Albuquerque, NM	Expense Free
Environmental Area Manager	Tribal Environmental Information Exchange Conference	Albuquerque, NM	Expense Free
EHSD Director	WTCAC Mtg.	Hayward, WI	Expense Free
EHSD Director	WTCAC Mtg.	Rhineland, WI	Expense Free
EHSD Director	WTCAC Mtg.	Danbury, WI	Expense Free
Agriculture Worker II	2016 Grassworks Grazing Conference	Wisconsin Dells, WI	\$442.64
Project Manager	2016 Grassworks Grazing Conference	Wisconsin Dells, WI	\$65.50

Budget Update



EHSD has a positive variance of 33,017\$ for period ending February 29, 2015



Feb-March
The Conservation Dept. taught two Hunter's Education classes this spring. 23 students graduated.



February
EHSD completed a waste characterization study. Results are forthcoming.

Grants Applied for in the Second Quarter		
Agency	Activities	Amount
BIA	Develop a climate ready disaster debris management plan.	\$60,000
WDNR	The goal of the Summer Tribal Youth grant is to introduce careers in natural resources to Oneida youth.	\$22,700
ANA	The Oneida Tribe of Indians of Wisconsin is applying for the ANA Environmental Regulatory Enhancement Grant to develop regulatory requirements for gathering wild foods and medicines including training on wild rice harvesting. Including development of a program to train Oneida community members and staff how to plant, harvest, and prepare wild rice using contemporary and traditional harvesting methods.	\$100,000
Great Lakes Commission	Reduce the amount of phosphorous on farm fields through cover cropping.	\$250,000
BIA Circle of Flight	Restore wetland habitat	\$24,840
BIA GLRI	Restore habitat for native pollinator species	\$290,022
BIA Invasive Species	Use of fire for habitat management	\$14,874
EPA GLRI	Detection, control, and response of aquatic invasive species	\$22,400
USFS Aquatic Invasive Species	Plant 33 acres of wild rice & Unmanned Aviation Vehicle training and software.	\$102,288
		\$887,124

Public Outreach, Conferences, & Events Attended

- Project Manager attended the Grassworks Grazing Conference
- The Environmental Specialist- Brownfields presented at the Tribal Environmental Information Exchange Conference.
- The Water Resources Specialist presented at the Wisconsin Wetland Association Annual Meeting- held at the Radisson in February. He also presented to Trout Unlimited.
- Community meeting was held on February 27 at the County H Recreation Building. Approximately 50 people came to learn about housing related issues on the reservation.
- One Safe Food Handler's Class was held, with 5 participants.



March Conservation Crew installs fish habitat structure at Oneida Lake.



February Drone shot of the Turtle School

- A project to retrieve EPA facility information from locations within the Oneida Reservation was kicked off. Once completed, that information can be used to evaluate the impact of those sites to neighboring sites and guide planning for acquisition, development, and emergency management.
- The Conservation Plans for the Silver Creek Project were completed.
- Registered the unmanned aviation vehicle (drone) with the Federal Aviation Administration
- Completed compliance assistance visits at all the regulated underground storage tank facilities on the reservation.
- Project Manager attended the RC&D Grazing Workshop, a Cover Crop Workshop, and a Winter Grazing Workshop.
- The Safety Coordinator held an emergency drill at ONES & worked with the Oneida Family Fitness Center on emergency procedures.
- 2016 food handler's classes have begun
- Strengthening of the partnership and cooperation among all the partners involved in the Silver Creek Restoration Project.
- Design and planning of the Silver Creek Restoration continue. One goal is to capture agriculture nutrients before they enter Silver Creek.
- A contractor has been chosen for the Solar Project that will begin this summer. The project will install solar energy systems onto several tribal buildings.

Plans for FY16 Third Quarter

- DNR Summer Tribal Youth Program post position & interview/ hiring youth in Q3.
- Write and submit ANA gathering grant due by April 6.
- Begin work on the Oneida Nation Farm's (ONF) new barn
- Establish 300 acres of cover crops on ONF corn fields
- EHSD will host an Underground Storage Tank Training April 26-28 at the Radisson
- Helping OFF to update its safety planning
- Train the newly hired Water Resource Specialist and begin summer field season activities.
- Expansion of managed grazing, improving soil health, and reducing tillage.
- Begin updating the Oneida Food Service Code.
- Research and learn how to regulate aquaponic systems on the reservation.



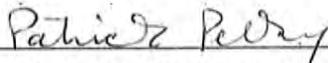
March

Oneida hosted the 21st Annual Wisconsin Wetland Association Conference. EHSD and the Adventure Program provided a tour to conference participants that included snowshoeing at Coyote Run Natural Area.

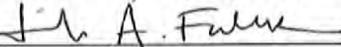
Current local or regional collaborations

WDNR	TWRAP Natl. Steering Committee
NRCS	EPA
WTCAC	Green Bay Phragmites Advisory Council
UWGB	The Nature Conservancy
U.S. Fish & Wildlife	Ducks Unlimited
NEW Waters	Brown County
Outagamie County	Green Bay Conservation Partners
Midwest Tribal Energy Res. Assoc.	Fox/Wolf Watershed Alliance
US Army Corps of Engineers	UW-Stevens Point
Nelson & Pade Aquaponics	

Report Prepared By:

 April 1, 2016

Patrick Pelky, EHSD Director

 April 1, 2016

Jennifer Falck, Program Evaluation Analyst

Oneida Tribe of Indians of Wisconsin
 Enrollment Department
 P.O. Box 365
 Oneida, WI 54155

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UPCOMING EVENTS IN ONEIDA

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

Come Celebrate

Onayote'a'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

Earth Day 2016

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



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 Blasz.

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ONEIDA HOSTS THE 21ST ANNUAL WISCONSIN WETLAND ASSOCIATION CONFERENCE



Site Visits to determine
 maintenance by EHSB



Staff take snowshoeing
 snowshoes in January



Turtle School in winter

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. EHSB 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 Blasz.

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 94 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.



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 30 countries 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.

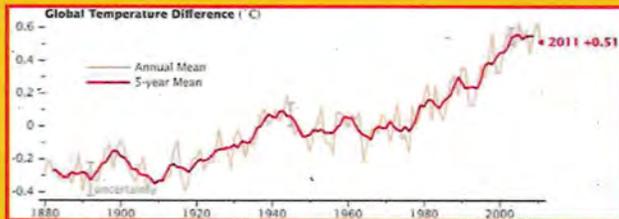
Our climate is changing and much of that change is due to the release of large amounts of greenhouse gases from burning fossil fuels, like oil and coal, to make energy. Greenhouse gasses, like carbon dioxide and methane, high up in our atmosphere, trap energy and warm up the earth much like the glass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



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

WEATHER UNDERGROUND

CLIMATE CHANGE TODAY

SCIENTISTS AGREE
Scientists have been studying climate change since the late 1970s when the greenhouse effect was first hypothesized. Five of the six 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

IT'S NOT THE SUN
Most sources of the warming are cooling, which is why global warming climate change is man-made.

TEMPERATURE IS INCREASING
Thermometers and satellites show that temperature is increasing in rural and urban areas, and over the sea.

EXTREME WEATHER IS INCREASING
Weather extremes are on the rise and last longer.

DROUGHT & WILDFIRES ARE INCREASING
Extreme droughts are on the rise, but extreme wet weather is increasing drought and wildfire.

SNOW & ICE ARE VANISHING
Ice and glaciers are shrinking. Arctic sea ice will be almost gone by 2050.

PERMAFROST IS MELTING
Permafrost is melting rapidly, causing infrastructure damage and releasing more greenhouse gas.

SEA LEVEL IS RISING
After a 200-year period 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! YAWAKO



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.