

THE DA'LUK



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March, April

A Message from Tribal Administrator Jacquelyn Bolman, Chairman Ted Hernandez, and Office Manager Sarah Caligiuri

The annual meeting on April 2, 2016 was met with 49 Wiyot Tribal Members. We are so happy to see so many Tribal Members being active in exercising their Tribal sovereignty and responsibilities as citizens. The Wiyot People nominated and voted in Madison Flynn as the newest member of the Wiyot Tribal Council. The Wiyot People also reelected Ted Hernandez as the Wiyot Tribal Chairman. We would like to congratulate our Tribal leaders.

Recently, the Wiyot Tribe was awarded a HUD grant of \$605,000.00 for construction development and \$50,052.00 in IHBG funds. The total awards granted total to \$655,052.00! We would like to extend gratitude to all the Wiyot Tribe employees for their great efforts and contributions to achieve this prestigious award.

Now that spring is upon us, we would like to remind Tribal citizens that lawn mowing maintenance is an available service through the Wiyot Tribal Office for elders and disabled Tribal citizens who



Art by Frank Howell

live on Table Bluff Reservation. Wood delivering services are also available for our elders and disabled members as well as our weekly Elder's Lunch.

The Wiyot Tribe aims to expand services for Tribal Members. We appreciate your continuing patience as we develop economically and administratively.

Thank you,
Jacquelyn, Ted and Sarah

Administrative Office Available Services

Services for Tribal Citizens are available through the Tribal Office.

Elder and Disabled services include:

- Weekly Elder's lunch and BINGO every Wednesday. (Thanks to Health & Human Resources)
- Lawn Mowing Maintenance.
- Wood Delivery with purchase.

Services for Tribal Citizens Include:

- Big Room Rental
- Library Access
- Enrollment Applications
- HIP and HUD Applications
- Job Postings

Equipment Rental Includes:

- Weed Wacker
- Lawn Mower

Natural Resources Department

Water Quality Monitoring at Indian Island

Tim Nelson – Natural Resources Specialist



Recently, the Wiyot Tribe's (Tribe) Natural Resources Department (Department) upgraded the ongoing long-term monitoring station at Indian Island to a "real-time" station. The station was added to the Tribe's Water Quality Monitoring Program through the United States Environmental Protection Agency's (USEPA) Clean Water Act (CWA) §106 program in 2004 but was removed in 2012 due to programmatic issues. Through generous funding and technical support from the Tribe, National Oceanic and Atmospheric Administration (NOAA), Dr. Frank Shaughnessy and Kyle Weis from Humboldt State University's (HSU) Botany Department, and partnering agency, the Central and Northern California Ocean Observing Systems (CeNCOOS), the station has remained online and continues to be the longest continuously running water quality monitoring station in Humboldt Bay.

The real-time station is located within the Eureka Slough channel, offshore of Indian Island at Tuluwat and serves as the

northern most representative sample in Humboldt Bay for ongoing water quality monitoring. In short, "real-time" means that water quality will be available, via a web portal, every 15 minutes. In the past, water quality specialists would deploy the Tribe's equipment for 2 week intervals, return to retrieve the equipment while swapping in a newly calibrated machine, and returning to the office to download the data. The data would then go through quality control measures to sort out outliers and ensure reliability before being uploaded to the Tribe's website (<http://www.wiyot.us/biological-water-quality-monitoring-data>).

This process would result in a two to three week delay in providing informative data which would not be beneficial to parties interested in "up-to-the-minute" water quality though useful for studies looking at long-term trends. Some parties who would be interested in real-time data could include oyster farmers concerned with chlorophyll levels, anglers interested in turbidity levels, and biologists/hydrologist concerned about general water quality indicators in response to acute weather events (e.g., heavy storm). The Department has worked with the HSU Chemistry Department and graduate students on assisting in the collection of samples and providing Humboldt Bay water quality for monitoring studies including metals, nutrients, turbidity, and chlorophyll. These studies can be found on the Tribe's website, at the aforementioned link, under the

section titled "Humboldt Bay Water Quality Studies." The Department is working with HSU and CeNCOOS to make the data available online for all interested parties and will have a link and possibly a web portal available on the Tribe's website.

For more information about the Tribe's Water Quality Monitoring Program, other water quality studies, or general information related to drinking/groundwater/surface water sources, please call or email the Tribe's Natural Resources Department.

Wiyot Tribe Receives Grant for Healthy and Traditional Food Systems Initiative

Nicole Woodrow
Natural Resources Technician



We are pleased to announce that the Wiyot Tribe recently received a \$29,363 grant from the First Nations Development Institute of Longmont, Colorado from their Native American Food Sovereignty Initiative Program. This award will support the efforts of The Wiyot Tribe Healthy and

Traditional Food Systems Initiative. The Wiyot Tribe Healthy and Traditional Food Systems Initiative is a multifaceted approach to secure greater food sovereignty and sustainability within the Wiyot Tribal community. Goals will be accomplished with the development of a Wiyot Food Security and Nutrition Plan, improvement of the Tribe's community and traditional gardens, creation of a food

pantry and distribution program, food education workshops, and the reclamation of traditional plant and marine harvesting practices. The Initiative will result in an increased utilization of Humboldt Bay (Wigi) and the Eel (Wiya't) River and provide a sustainable and reliable source of healthy and traditional foods. Community involvement opportunities will be cultivated through workshops and demonstrations for Tribal citizens

on gardening methods, harvesting and preparing traditional foods, reclaiming the cultural connection with food, and on the importance of good nutrition. The grant period will be from March 2016 and will commence February 2017. The natural resources department will make announcements through the newsletter, website, and Facebook page to keep the Tribal community informed of upcoming events and workshops.

Cultural Department

Dr. Tom Torma-
Cultural Director



In 1915, one of the most interesting residents of Table Bluff passed away. Mary Brown stated that she was 85 shortly before she moved on, many who knew her thought that she was possibly closer to 100. Her age suggests that she would have watched the first European settlers in the area, and survived through some of the most difficult times that the Wiyot Tribe ever faced.

Despite these obstacles, she emerged as a physician who served the Wiyot community on Table Bluff, as well as those settlers who lived nearby. According to her obituaries, her talents were noted by officers of the Indian service; however, it is likely that this was simply

another way of saying that she was taken to boarding school. Regardless, she thrived – eventually graduating with honors and a license to practice medicine.

While she was known for her skills as a doctor, according to her obituary she did not gain the wealth you would expect for one who practiced medicine: “She gained practically nothing from a financial standpoint, but the reverence in which she came to be held by those to whom she gave succor was apparently ample reward.”

We know little about her life beyond that. She outlived her husband, who was described simply as being an Indian man. It appears that it might be the John Brown

married to a Mary in the 1880 census roll, but the fact that the first names “John” and “Mary”, as well as the last name “Brown, are all so common that cannot be sure this the Dr. Mary Brown in question. Llewellyn Loud conducted a survey of the area in 1913, and noted only one Mary Brown.

When she passed in October 1915, Dr. Brown lived alone on the Bluff, but her passing was noted locally, with obituaries in local papers such as the Arcata Union and Fortuna Advance. It was also noted in the Pacific Medical Journal, where her passage was noted along with other doctors from around the State of California.

Wiyot Tribe Natural Resources Department

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Annual Report April 2, 2016

Stephen Kullmann, Director
Tim Nelson, Specialist
Eddie Koch, Technician/Fisheries
Patty Torres, Assistant Grants Manager
Nicole Woodrow, Technician
Adam Canter, Technician/Botany
Corinne Alton, NCIDC Intern

The Wiyot Natural Resources Department (WNRD) has continued to serve the Wiyot Tribe, protecting the resources of Wiyot Ancestral Territory, over the past six months. The functions of the WNRD are almost entirely grant-funded, through various agencies such as the United States Environmental Protection Agency (US EPA), National Oceanic and Atmospheric Administration (NOAA), United States Fish & Wildlife Service (USFWS), California Environmental Protection Agency (CalEPA), Bureau of Indian Affairs (BIA), and private funders such as the First Nations Institute. Our activities have grown over the years to include work protecting and monitoring fish, habitat restoration, environmental education, ethnobotany, community garden management, marine resource protection, renewable energy, water quality monitoring and water pollution prevention, and more. We also participate regularly in projects and activities outside of our defined scope of work, such as administrative tasks and the construction of a fish and game cleaning station on Table Bluff. Finally, we represent the Wiyot Tribe on issues affecting the Natural Resources of Wiyot Ancestral Territory, commenting on proposed development or restoration projects and participating in groups to ensure the Wiyot voice is heard. Our overall goal through all of these activities is to increase the Wiyot Tribe’s capacity to regain their rightful and traditional role as stewards of their natural environment.

Work this past year on multiple WNRD grant-funded projects is detailed below:

- **US EPA General Assistance Program (GAP):** Our ongoing US EPA GAP program is in many ways the “bread and butter” of our Natural Resources Department. This grant provides funding to maintain our facilities and staff, provide environmental education, and consultation and coordination with outside agencies and groups. Over the



course of the next few years, we will also be working with the US EPA to complete a Wiyot Tribe Environmental Assessment and joint US EPA/Tribal Environmental Plan. Part of this project will be surveying Wiyot citizens on your environmental concerns and priorities so that we can best allocate our resources to serve you better. We are also developing an indoor air quality program and looking into ways to help reduce solid waste and trash on Table Bluff.

US EPA Clean Water Act (CWA) §106 Water Pollution Control Program: Our CWA §106 provides resources to

collect ongoing water quality data for “waters of the reservation.” Our multi-year database of water quality data can be used to assess trends in environmental health. As the Tribe successfully moves its land in Humboldt Bay and the Eel River into trust status, this program will be able to expand greatly.

- **Indian Island Water Restoration Project:** Although we have successfully completed the cleanup on the Tuluwat Village site on Indian Island, we



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continue to be committed to the ongoing restoration and monitoring of the Tribe’s sacred land in Humboldt Bay. A few ongoing projects include the ongoing water quality monitoring, which is separate from the US EPA CWA §106 water quality monitoring because of the non-trust status of the land, and wetland assessment and monitoring through the US EPA CWA §104 grant described below. We recently finished upgrading our water quality monitoring system to real-time, through generous funding and support from the Central and Northern California Ocean Observing System (CeNCOOS).

- **US EPA CWA §104 Wetland Program Development Grant (WPDG):** This two-year program enables the Tribe to



perform an initial assessment and monitoring of wetlands on Indian Island, Table Bluff, and Cock Robin Island. The grant has also purchased a state-of-the-art Trimble GPS unit, which will be very useful in other mapping projects by the WNRD and other Wiyot Departments. Activities include biological surveys such as passive wildlife monitoring using game cameras, bird surveys, macroinvertebrate surveys with water quality monitoring, botanical surveys via transect surveys and surveys designed through the California Rapid Assessment Method (CRAM), and wetland delineation in conjunction with GIS mapping of the Tribe’s wetland resources.

- **US EPA CWA §319 Nonpoint Source (NPS) Pollution Control Program:** Through policies and projects, the CWA

§319 program helps protect Table Bluff waters from potential NPS contaminant threats such as stormwater runoff, hazardous waste (e.g., vehicular fluids), agricultural practices (e.g., pesticides, fertilizers), construction



practices (e.g., improper grading techniques, building methods and materials), and other sources of pollution that do not come directly from a “point source” such as a storm drain. Some past activities have included the construction of a stormwater retention basin collecting runoff from Wiyot Dr., installation of cattle exclusionary fencing around the TBR wetland, development of ordinance and policies such as: “Non-operational Vehicle Ordinance,” “Wetland Zone Protection Ordinance,” and a “Low Impact Development Policy.”

- **BIA Ethnobotany:** Adam Canter was instrumental in securing this \$20,000 grant from BIA to map culturally significant plants within Wiyot

Ancestral Territory. Much work has already been completed in the area of Table Bluff and at the Ma’lel Dunes. This work will be essential in understanding how Wiyot traditionally cultivated and used edible, medicinal, and traditional plants. Many Wiyot citizens have already participated in interviews about their traditional plant knowledge. Two traditionally vital species that have been mapped using this funding have been the Western lily and hazelnut scrub.

- **BIA *Spartina* Eradication:** Humboldt Bay is overrun with invasive dense-flowered cordgrass (*Spartina densiflora*). We received multi-year funding to remove *Spartina* from the Wiyot-owned portion of Indian Island. We will be working with Redwood Coast Action Agency (RCAA), USFWS, and the Humboldt Bay Harbor District. As this project progresses, we will be announcing job opportunities for Wiyot citizens.



- **NOAA Tribal Species Green Sturgeon Project:** We are in the final year of a three-year project studying the Eel River population of *ba’m*, green sturgeon. We have been the first to capture, tag, and release green sturgeon in the Eel River, and will soon gather valuable knowledge on their genetics and population dynamics. To date we have successfully captured, tagged, and released five adult green sturgeon and analyzed their genetic material, as well as mapping

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over 100 miles of sturgeon habitat in the Eel River. This work has received considerable positive attention from federal and state agencies and continues to show our ability to begin to manage fisheries.

- **CalEPA Environmental Justice:** This grant funding was secured primarily by Patty Torres and Nicole Woodrow and is for outreach and education to reduce the use of harmful chemicals and pesticides in Tribal operations and homes.
- **USFWS Tribal Wildlife Grant (TWG):** We are nearing completion of our second USFWS TWG, continuing our studies of *gou'daw*, known in English as Pacific lamprey, or “eels.” We are developing a Species Management and Monitoring Plan so that we can better pursue future funding to protect this important species. Over the course of our Pacific lamprey work, the Wiyot Tribe has become recognized as experts in Eel River lamprey studies, and are often consulted by outside agencies. We will hopefully hear soon about our proposal for a third TWG, which will include some population control of invasive Sacramento pikeminnow.

- **CA Sea Grant Marine Protected Area (MPA) Estuarine Monitoring:** We are completing year three of this three year project in collaboration with Humboldt State University and others. In order to better understand the results of California’s MPAs, we are conducting thorough baseline monitoring of fish, vegetation, and invertebrates in three MPA estuarine areas: South Humboldt Bay, Ten Mile River, and Big River; and one non-MPA area: the Mad River estuary. This project also provides useful training and capacity building for Tribal staff.



- **First Nations Native American Food Sovereignty Initiative (NAFSI):** This past month we were pleased to learn that we were awarded a Native American Food Sovereignty Initiative (NAFSI) grant from the First Nations Institute. This program, to which we have applied for multiple times in the past, will fund a variety of activities, including the Community Garden, Marine Resource Harvesting, and Traditional Plant Cultivation. We will also be working closely with the Cultural and Health and Human Services Departments, and work with Council and the Community to develop a Table Bluff Food Security and Nutrition Plan.



GRID Alternatives: Another exciting collaboration we developed this past year has been working with GRID Alternatives, a non-profit solar installer. Together, we were able to complete one residential solar installation at Table Bluff, and are working on lining up the next few. We had planned on working together with GRID and Bear River Rancheria to secure funds for multiple, no-cost solar installations, but unfortunately the grant from the Department of Energy was not funded (can’t win ‘em all). We will be looking at other funding sources in the future, but for now GRID can complete a residential solar installation for a small copay of \$4,000, which is a fraction of the full cost.



- **Public Water and Wastewater System Management:** A crucial aspect for the Table Bluff community involves the management, monitoring, rehabilitation (if necessary), and reporting requirements for the Tribe’s drinking water and wastewater systems. The WNRD works closely with the Tribe’s water operator, George Buckley, to monitor the Tribe’s drinking and wastewater systems to ensure they are fully functional, to avoid potential illness or pollution, and to provide quality water for the residents of TBR.

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An important, ongoing function of the WNRD is to consult and coordinate with outside agencies and groups to strengthen the Wiyot perspective in environmental issues affecting Wiyot Ancestral Territory. A partial list of agencies and organizations we have coordinated with include:

- California Coastal Environmental Initiative
- California Department of Fish and Wildlife (CDFW)
- California Department of Public Health
- CalTrout
- City of Eureka
- Central and Northern California Ocean Observing System (CeNCOOS)
- Dwarf Eelgrass Working Group
- Eel River Forum
- Eel River Recovery Project (ERRP)
- Friends of the Dunes
- Friends of the Eel River
- GRID Solar
- Humboldt Baykeeper
- Humboldt Bay Harbor Safety Committee
- Humboldt Bay Harbor Management Plan Advisory Committee
- Humboldt Bay Harbor Economic Development Committee
- Humboldt Bay Initiative
- Humboldt Bay *Spartina* Workgroup
- Humboldt Bay Water Quality Monitoring Workgroup
- Humboldt Coastal Dunes Cooperative
- Humboldt State University (HSU)
- Mad River Alliance
- Natural Resources Conservation Service (NRCS)
- Northcoast Community Garden Collaborative
- North Coast Regional Coastal Coordination Committee
- Ocean Conservancy
- Office of Spill Prevention and Response (OSPR)
- Regional Tribal Environmental Programs Workgroup
- Redwood Coast Community Action Agency (RCAA)
- US Fish and Wildlife Service (USFWS)
- US Forest Service (USFS)
- US Dept. of Agriculture (USDA)
- West Coast Ocean Partnership

We know it is an honor to be able to serve the Wiyot Tribe in their Natural Resources Department and strive to fulfill our responsibilities. We hope to continue to grow and provide services in the future.

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Job Announcements



Fiscal Manager

Job Description

General Description: Under the direction of the Tribal Administrator, the Fiscal Manager works independently under fiscal policies to achieve organizational objectives. Directs other persons within the administration department, while supervising the use of funds for multiple departments. Monitoring budget expenditures, preparing the budget financial reports, provide information to other departments. Develop, implement and maintain services in compliance with established guidelines, regulations and GAAP. Serves as a member of the leadership team.

Experience / Education Required

- Minimum B.S. with emphasis in accounting
- Expertize or experience in handling Federal grant money and draw downs.
- Direct Experience in creating common accounting processes and procedures.
- 5 years of related senior financial and administrative experience
- Experience with Tribal Government Accounting preferred.

Application Procedure:

Now accepting resumes, must complete a Wiyot Application for Employment.

First Review will be Friday April 15th 2016.

For a full job description and Wiyot Application of Employment visit:

www.wiyot.us

Position Open Until Filled.

Please Send Resumes and Completed Applications to:

office@wiyot.us

or fax to: Attn: Sarah C. (707) 733-5601

Lawn & Grounds Worker

Job Description

General Description:

Under the supervision of the Office Manager, the Grounds Maintenance Worker independently performs basic grounds maintenance which includes: lawn mowing the Administrative area as well as mowing lawns of elderly and disabled Wiyot Tribal citizens while maintaining children's playground. The Lawn and Grounds Worker is also responsible for road work within the Wiyot Table Bluff Reservation.

Skills Required:

- Safety principles and practices while operating machinery, equipment, chemicals and hazardous waste related to the work.
- Knowledge of proper cleaning methods and maintenance of tools and equipment.
- Use and minor maintenance of hand and power tools and equipment used in grounds work.
- Must possess sufficient strength and stamina to maneuver equipment weighing up to 50 pounds.

Experience / Education Required:

- Two years prior experience or any combination of education and experience that would likely provide the required knowledge and abilities is qualifying.

Employment Dependent Upon:

- Must be able to pass a criminal background check.
- Must possess a valid (Class C) California Driver's License.
- Must have and submit a current clean DMV record in order to qualify for the company insurance.
- Must successfully pass a drug and alcohol screening.