KDEP Mission

To protect Kashia’s land, air and water resources from pollution and to provide for the health and safety of its residence through a cleaner environment.

Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Youth Art Contest</td>
<td>P. 2</td>
</tr>
<tr>
<td>Non-Point Source Pollution</td>
<td>P. 3</td>
</tr>
<tr>
<td>Emergency Response Training</td>
<td>P. 4</td>
</tr>
<tr>
<td>Best Management Practices Assessment Project</td>
<td>P. 5</td>
</tr>
<tr>
<td>2 NASA K-12 Competitions</td>
<td>P. 6</td>
</tr>
<tr>
<td>Upcoming Events</td>
<td>P. 7</td>
</tr>
<tr>
<td>Tobacco Grant Contest</td>
<td>P. 8</td>
</tr>
<tr>
<td>Water Bottle Filling Stations</td>
<td>P. 9</td>
</tr>
</tbody>
</table>
Youth Art Contest
“WATER IS LIFE” KASHIA YOUTH ART CONTEST

The Kashia Department of Environmental Planning’s “Water Is Life” Kashia Youth Art Contest is open to K - 12 students. Students are encouraged to submit a work of art that reveals the importance of water as a natural resource and/or highlights water conservation. Winners will be divided into three categories (K-4, 5-8, 9-12)

Don’t forget to write your name and grade on the back of your submission.

| Write a sentence describing why water is important. |
| “Water is important because … “ |

All artwork submissions can be mailed or hand delivered to:

Kashia Department of Environmental Planning
1420 Guerneville Rd, Suite 1 Santa Rosa, CA 95403

Deadline for submissions: May 5, 2017

Winning artwork will appear in KDEP environmental newsletters, educational outreach materials and social media.
WHAT CAN YOU DO TO PROTECT OUR WATER RESOURCES FROM NON-POINT SOURCE POLLUTION?

Properly Dispose of Motor Oil and Check for Vehicle Leaks

Use drip pans if engine work is being conducted or your vehicle has leaks. Check for leaks regularly. Clean up any spills. Do not hose waste material down the storm drain or in a ditch.

Use Non-Toxic Chemicals – Whenever possible use less toxic alternatives to toxic chemicals.

Clean Up Pet Waste – Dispose of pet waste in the trash. This will prevent fecal coliform bacteria from polluting our waterways and harming public health. The average dog’s fecal matter can contain as much as 3 billion fecal coliform bacteria.

Properly Time Application of Pesticides and Fertilizers – Do not apply pesticides and fertilizers before rain or during rain. If using fertilizer, choose a slow-release fertilizer.

Plant Natives – Native plants typically use less water and fertilizer than non-native ones. Planting in your yard allows water infiltration into the soil and prevents soil erosion.

EDUCATION & OUTREACH

The Kashia Department of Environmental Planning is collaborating with the Kashia Elementary School to implement a Classroom Aquarium Education Project/Steelhead in the Classroom Project. This program is offered statewide by the California Department of Fish and Game. It provides students the opportunity to hatch fish eggs within the classroom, observe their development and release them into the wild.

For more information on the program, visit https://www.wildlife.ca.gov/caep
All Hazard Emergency Response Training

Are you prepared if a natural or man-made emergency situation were to occur? Become more prepared to protect yourself and your family through the Federal Emergency Management Agency (FEMA) Emergency Management Institute (EMI) online Independent Study Program.

Begin developing skills in emergency management planning and preparedness in just three simple steps:

1. Register for a FEMA Student Identification Number (SID) at https://cdp.dhs.gov/femasid
2. Logon to the FEMA EMI webpage at https://training.fema.gov/emi.aspx
3. Begin earning course certificates and continuing education units (CEU’s) by completing FEMA EMI Independent Study Courses.

And you are on your way to keeping you and your family prepared for emergencies and earn skills that will enhance your personal resume.

We encourage tribal members to earn their NIMS course certificate and become versed in emergency planning, and incident command and coordination. Don’t forget to take advantage of Kashia Tribal Computer Labs.

If you have any questions or need assistance getting started feel free to contact the Kashia Department of Environmental Planning.
Contact: Enrique Sanchez, Environmental Planner/Emergency Management Coordinator
Telephone: (707) 591-0580 x112 Email: enrique@stewartspoint.org
The Kashia Department of Environmental Planning (KDEP) is conducting an assessment of Tribal Landbase resource concerns and Best Management Practices (BMP’s) to address those concerns.

A key component for the success of this project is community involvement. Some of the questions we will be asking about the Tribal Lands, and would appreciate your thoughts on, are below:

- **What would you like to see on the Tribal Lands in 20 years and what needs to be done to accomplish this?**

- **What plants or plant communities are important for the KDEP to be aware of or consider in planning?**

- **What areas of the Tribes Lands have significant importance in that the KDEP should take special consideration in planning?**

- **What are the historic or current uses of local fish and wildlife resources that the KDEP should be aware of or consider in planning (i.e. hunting, fishing, cultural or traditional use of plant and animal materials)?**

- **What issues are you aware of that are negatively impacting the Tribes natural resources (i.e. dumping, trespassing, poaching, etc.)?**

If you have any questions or would like to provide a response to the questions above contact Enrique J. Sanchez, Environmental Planner/Emergency Management Coordinator at Phone: (707) 591-0580 x112, Email: enrique@stewartspoint.org

**BMP Definition:** Best Management Practice (BMP) means a practice, or combination of practices, that is determined to be an effective and practicable (including technological, economic, and institutional considerations) means of preventing or reducing the amount of pollution generated by nonpoint sources to a level compatible with environmental quality goals.
Project
The Northwest Space and Earth Sciences Pipeline supported by Washington NASA Space Grant Consortium is planning on launching high altitude balloons during a total solar eclipse in August 21, 2017. The Kashia Department of Environmental Planning is looking for Kashia Students K-12 students to participate in a project team.

Team Responsibilities
The project team will submit a one-page essay of the significance of the eclipse in their culture, and develop a small science payload (i.e. a temperature or pressure measurement tool or a student–built artifact (i.e. a bracelet or mascot) to be photographed against the background of the eclipse. Finalist teams will be selected in Spring 2017 and receive up to $1,000 in travel support to attend the launch and community-led eclipse celebration on the Warm Springs Reservation.

ENTRIES
1. Complete the official Entry Form.
2. Create a logo design to represent the science and the beauty of a solar eclipse. Acceptable formats are tiff, png, or jpeg.
3. Send the entry form and your original design to nasa@uw.edu

There is no entry fee.

Logo entries must be submitted electronically by March 31, 2017. All participants will receive a NASA certificate. So go on and start designing!

The grand-prize winner will receive a Camera and an Arduino kit!

If you have a middle or high school student that would like to be part of our payload team Contact Nate Rich, Water Quality Specialist at nathan@stewartspoint.org or 707.591.0580 x 113
KASHIA YOUTH IS INVITED TO ATTEND THE FORT ROSS MARINE ECOLOGY PROGRAM!
Saturday, April 22nd and Sunday April 23rd 2017!

This is a field trip and campout at Fort Ross for Kashia Youth ages 9 to 18.

Tribal Youth will learn about Marine Resources & (TEK) Tribal Ecological Knowledge and more from Tribal Staff, Tribal Elders and Fort Ross Staff!

Reservations are limited, so please RSVP by March 29th!!

Note: The Marine Ecology Program meets standard school curriculum for this age group.

To RSVP for the Marine Ecology Program please email: nina@stewartspoint.org or call the Tribal Office: 707-591-0580.

Thursday April 6th and Friday April 7th

BECOME AN ENVIRONMENTAL STEWARD

- Are you 13 to 21 years of age?
- Do you want to make a positive impact in your community?

*Knowledge gained will be used to create an educational program for Tribal members and youth*

Join Tribal Staff this April at the Wishtoyo Campus in Malibu California and learn about Tribal Ecological Knowledge and management of marine resources

To RSVP for the Environmental Stewards Program please email: nina@stewartspoint.org or call the Tribal Office: 707-591-0580 by March 16th, 2017

RESERVATIONS ARE LIMITED
California Indian Tobacco Education Workshop & Poster Contest

Tribal Office Suite #3:
Tuesday, May 30, 2017 at 4:00 pm

&

SPR Community Center:
Wednesday, May 31, 2017 at 4:00 pm

Snacks will be served

- All ages welcome to attend & enter poster contest
- Art supplies available for use during workshop
- The winner receives a $50.00 gift card and will have their poster displayed in our community
  Adult, (18 and over) Teens (13-18) and Youth (12 and under) for the poster contest.

If you have any questions about the workshops or poster contest please call Naomi Atchley at 707-591-0580 ext. 124
The Department is working with Rural Community Development Council to install water bottle filling stations at the Kashia School and the Su Nu Nu Community Center.

They are expected to be installed over this summer. Stay tuned!

If you have any questions regarding the articles in this newsletter or are interested in providing suggestions for the next Environmental Newsletter contact Enrique J. Sanchez, Environmental Planner/Emergency Management Coordinator at Phone: (707) 591-0580 x112 Email: enrique@stewartspoint.org