



Photo: Martin Neptune

Pəskehtək^wok

Joining of the Branches

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Penobscot Indian Nation
 Department of Natural Resources
www.penobscotnation.org/DNR/DNR1.htm

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How Are Penobscot People Exposed to Contaminants When Carrying Out Traditional Practices?
 EPA funds project (finally) to help answer this question.

The Penobscot Nation will be the beneficiary of a new EPA project to look at contaminant levels that tribal members are exposed to while carrying out subsistence and traditional cultural practices! After many attempts to seek adequate funding for this project, a patient and persistent group of federal and PIN scientists, were able to secure \$100,000 from the EPA RARE (Regional Applied Research Effort) program. This will be added to other EPA funds that PIN DNR has secured. This collaborative project brings together several federal agency researchers and laboratories from EPA Office of Research and Development and USGS to study a serious problem facing the tribe.

This RARE project will test levels of dioxin, furan, PCBs, and mercury found in several species of



**fish,
 snapping turtles,
 ducks,
 plants, and
 sediment**

collected throughout the Penobscot Reservation. "While we have carried out contaminant projects before, this project will look at species of importance to the tribe that we've never looked at or for which we have very small sample sizes.

Data collected from

Continued on next page

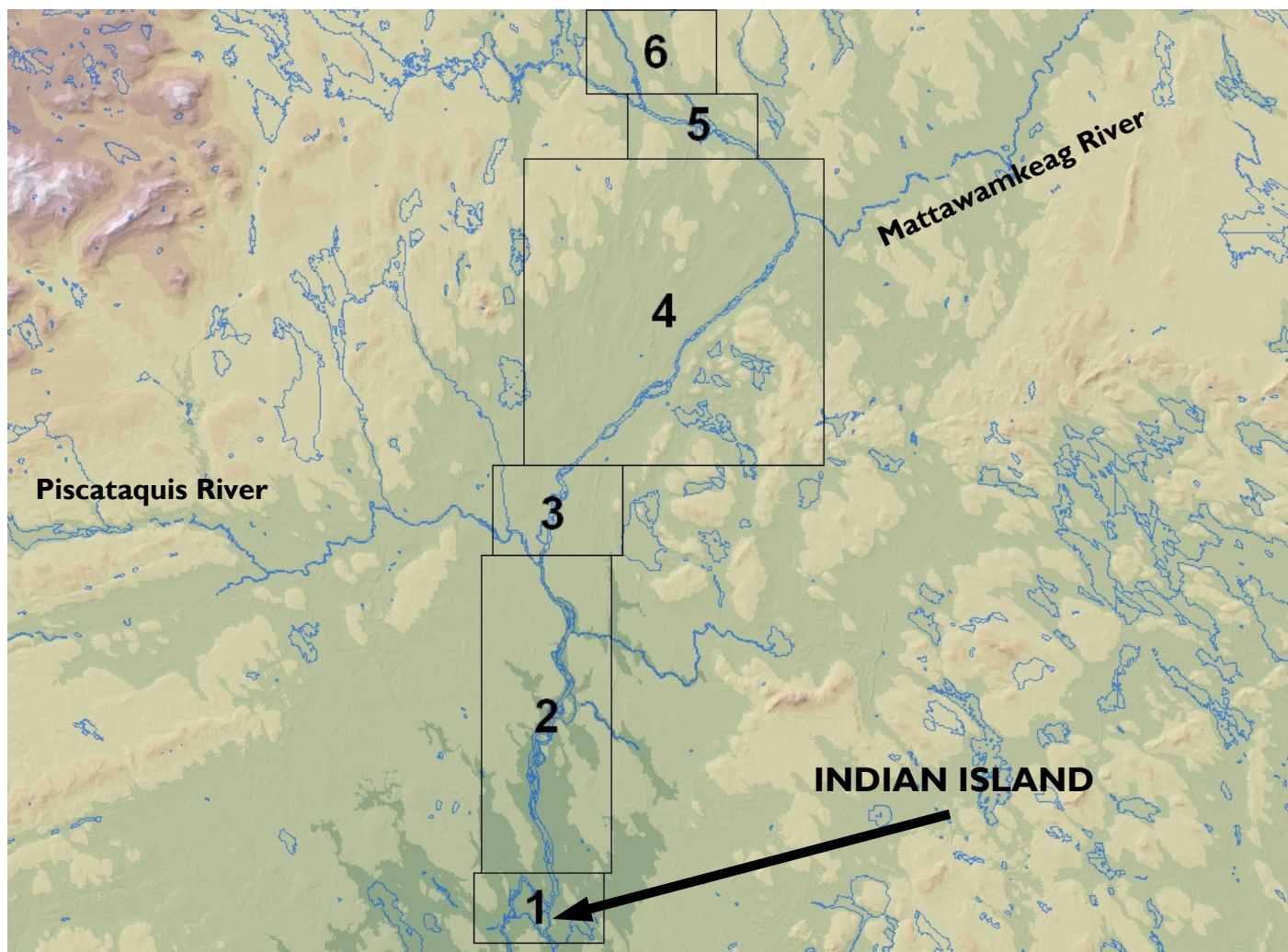
this project will ultimately help us begin to identify the risk that tribal members are exposed to while carrying out traditional practices and help us to clean up the river” says Dan Kusnierz, the Penobscot lead for the project. One big question we hope to answer is how much dioxin is accumulated in riverbed sediments. Sampling for the project is scheduled to take place in summer 2007 to fall 2008.

"I look forward to the tribe getting back into a process that will address some of the major pollution problems of our homeland. The Office of the Tribal Chief is committed to the continued clean up of our sacred river and will do everything we can to support this study" says Chief Kirk Francis.

Baby eels moving upstream



Below: A map of the six (6) different reaches of the Penobscot River to be sampled. One of the goals is to get five (5) different kinds of fish from each reach. The target species of fish are bass, perch, pickerel, eels and bullhead. As with any real-world sampling, these goals may change according to how things go in the field.



CALCULATE YOUR IMPACT

We all contribute to global warming every day. The carbon dioxide you produce by driving your car and leaving the lights on adds up quickly. You may be surprised by how much CO₂ you are emitting each year. Calculate your personal impact and learn how you can take action to reduce or even eliminate your emissions of carbon dioxide.

[+ Reduce your impact with Native Energy!](#)
[+ OFFSET AN AVERAGE HOME OR CAR NOW](#)

Go to the website for Al Gore's recent documentary "An Inconvenient Truth" to use the calculator. These are the questions you will have to answer. You can learn how the total is calculated AND more about a non-profit called NativeEnergy.

NativeEnergy is a privately held Native American energy company. In August 2005, the Intertribal Council On Utility Policy (COUP) acquired a majority ownership interest in NativeEnergy on behalf of its member tribes, marking another significant step in the Great Plains tribes' historic effort to power America with Native wind. Learn more about COUP's investment in NativeEnergy.

NativeEnergy helps you help build Native American, farmer-owned, community based renewable energy projects that create social, economic, and environmental benefits. Native Americans

and farmers traditionally care for and care about the environment because they are also very dependent on the gifts of the Earth for their survival. They are seeking a way to build their economies and their communities. This is one of the reasons we developed our novel approach to renewable energy; we want our business – our work – and so also our customers' purchases, to make a real difference.

YOUR TOTAL: 0 The national average is 7.5 tons per year.

Your personal impact is:
MUCH SMALLER THAN AVERAGE

What state do you live in?

How many people live in your household?
The calculator needs this number to figure out your individual emissions of carbon dioxide for things like household energy use.

What kind of car do you drive? Leave blank if you don't have one.

YEAR: MAKE: MODEL:

How many miles do you drive every year?
The average American drives about 12,000 miles per year.

How many flights do you take every year?

<small>Leave blank if you don't take any flights. Count roundtrips as 2 flights.</small>	SHORT: <small>(1.5 hours/300 miles)</small>	<input type="text" value="0"/>	MEDIUM: <small>(2.5 hours/800 miles)</small>	<input type="text" value="0"/>
	LONG: <small>(4-6 hours/2,500 miles)</small>	<input type="text" value="0"/>	EXTENDED: <small>(8 hours/5,000 miles)</small>	<input type="text" value="0"/>

What is your average monthly electric bill?

What % of your electricity comes from clean, renewable sources such as solar and wind? %

What is your average monthly natural gas bill?
Leave blank if you don't have one.

What is your average monthly heating oil bill?
Leave blank if you don't have one.

What is your average monthly propane bill?
Leave blank if you don't have one.

Reduce or eliminate your global warming impact now with [Native Energy](#).

[+ HOW WAS IT CALCULATED?](#)



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