

NEN' *land* EL *and* TUU *water*

The CVTC Tribal Response Program Newsletter

Saen (Summer) 2022

Volume 4 | Issue 1



NTS'E BA HNIYAES?

WHAT ARE YOU TALKING ABOUT?

Bede Nt'aennen? Who is this?

A 90-second Interview: Laura Pevan

Na'itxaałnes: I will find it

Nahwnilkuun':

It is getting warmer.

Climate Corner with Kendra

Cu xu'dinii? Say it again.

Hnats'et'aen: We are playing.

Slaaghe dela dezenda?

Can you help?

tuu bene'

glacial lake

tuu = glacier; ben, -bene' = lake

Photo Credit: Richard Chiolero

BEDE NT'AENEN? WHO IS THIS? (a 90-second interview)

1.What's your name?

Laura Pevan

2.What's your job?

Fisheries Biologist II. My role is to serve the Chickaloon Native Village by being a source of fisheries information for Tribal citizens, conduct research on fisheries resources in the Matanuska Watershed, and help the Tribe preserve and protect fish and fish habitat in these traditional lands.

3.Favorite place you've been in Alaska?

Togiak, Alaska! Beautiful village and river in southwest. Although many would think it flat and dull, there is so much beauty in the tundra, and untold natural treasures that are there to see if you're willing to venture out beyond the end of the road!

4.How long have you been working in your position/field?

6 months in current position, 12 years in the field of fisheries!

5.What's something you wish the general public knew about your job?

That being around fish and talking about fish daily is one of the most rewarding things I've ever done, and that everything that we do as humans impacts the way that fish survive in the water, even if we're not aware of our effects.

6.Most routine part of your job?

Receipts! Dreaded receipts! ☺ Even with your dream job, bills need to get paid, and we always have to make sure that we're careful with the resources that we're given.

7.Weirdest/Wildest thing you witnessed while working?

All the wildlife you see while out doing fish work! Wolves, foxes, whales, porcupines.. you name it!

8.Favorite Alaska animal?

Chinook salmon! Majestic, delicious, ancient, with a fascinating life history cycle? What's not to love?!

9.Seasonal Question: Camping in the mountains OR hanging out at the beach?

Hanging out at the beach! But since it's Alaska, we have the privilege of doing both in the same day ☺

ugheli dzaen!

I'm always looking to interview other people who work with hazardous chemicals or in an environmental position. If you know someone who should be featured, please let me know! rechiolero@chickaloon-nsn.gov



Photo Credit: Stanislav Remnev

NA'ITXAAŁNES: I WILL FIND IT

It's the very first thing a Tribal Response Program is supposed to accomplish:

ELEMENT 1: *Timely survey and inventory of brownfield sites.*

This is a requirement set by the EPA and is read in the Congressional Record like this: "...a system or process to identify the universe of brownfield sites in their [T]ribal lands."

What does this mean?

For us in the CVTC Tribal Response Program, this means that we actually go out looking for brownfield properties (even potential ones) within Chickaloon Native Village's traditional territories and document where they are and why we think they should be on our Element 1 (E1) list.

Wait. You have a list?

Yes, there is a list of properties that we think could be brownfield sites in our community. This list is an internal document and is never shared outside of the

CVTC Environmental Stewardship Department. Even if we had to share our E1 list with the EPA, we redact names and addresses and only show "approximate locations" on an ArcGIS map that we create in-house. It is not a public document.

How do properties get on that list? (If my property is on it, then what?)

Properties can end up on the E1 list a number of ways usually by visual confirmation; word of mouth; or just the nature of a business (e.g. dry cleaners; gas stations; etc.) Don't worry: TRP Coordinators are not the "Environment Police." In fact, we don't have any enforcement authority. The only time we would have to officially report someone's property is in case of an active spill that is threatening human health or the environment. Brownfield sites, by definition, are not active spills.



Photo Credit: Pixabay

NAHWNILKUUN': IT IS GETTING WARMER CLIMATE CORNER WITH KENDRA



THIS ISSUE: GROWING SEASON

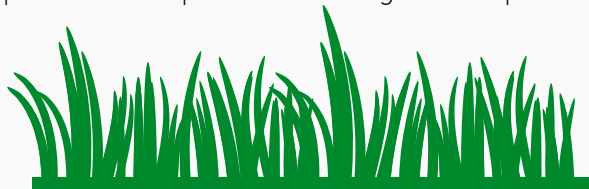
Climate change affects the food we grow in our gardens.

Crops like carrots, beets, and cabbages grow best when minimum temperatures are above 40°F. Potatoes like 45°F and higher.



Year to year can vary, but Palmer generally has about 120 days per year with minimum temperatures above 40°F, about two weeks more than 100 years ago, and about 85 days above 45°F, about three weeks more than 100 years ago.

Learn more by following this link:
<https://www.snap.uaf.edu/tools/gardenhelper/>



Questions or Comments? Please contact:

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NA'ITXAAŁNES: I Will Find It (Continued)

How can I avoid being on someone's Element 1 list?

The best way to stay off the list is to make sure that you're not creating a brownfield property in the first place. Regardless of what type of property it is (e.g. residential, commercial, industrial), make sure that you dispose of trash; waste like used oil or lubricants; old appliances; and broken-down vehicles (etc.) appropriately and in a timely manner.

Is there already a bit of a mess like this on your property?

Now's the time to make a plan to start clearing it away (even if it's just a little bit at a time -- do what you can). Not only will this keep people on the property healthy, it will also make sure that surrounding plants and animals stay healthy. No one wants to get sick, and you definitely don't want to be held responsible for getting other people sick, or having contamination creep over to someone else's property. One problem with contaminants: they don't stay put!

I know about a site like this. How can I let you know?

The best way to let the TRP Coordinator know about a potential brownfield site would be to visit our website and use the anonymous reporting link (scroll down the page to the button "Report a Potential Brownfield").

We can be reached at:

chickaloon-nsn.gov/tribal-response-program

(Scan the QR code with your smart phone.)



If you have other questions or concerns, please reach out.
We'd love to help answer your questions!

CU XU'DINII: SAY IT AGAIN

What the heck is a brownfield?

A brownfield is a property, for which the expansion, redevelopment, or reuse may be complicated by the presence (or potential presence) of a hazardous substance, pollutant, or contaminant.

"Dirty dirt with a deed."

Hazardous Substance: a substance with properties that make it dangerous or capable of having a harmful effect on human health or the environment

Pollutant: a substance or condition that contaminates air, water, or soil

Contaminant: biological, chemical, physical, or radiological substance (normally absent in the environment) which, in sufficient concentration, can adversely affect living organisms through air, water, soil, and/or food.

HNATS'ET'AEN: WE ARE PLAYING

Created with TheTeachersCorner.net Word Search Maker

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In this puzzle, words and phrases might be forward, backwards, up, down, or diagonal.
Once you have found all the words, can you find the hidden quote? It is made with all the unused letters.
Work from top to bottom, left to right. The first word is "Honor".

Word Find List:

Laura Pevan
Pollutant
Dirty Dirt With A Deed
Ugheli Dzaen
Cu Xu'dinii
Environment
Soil
Chemical
Hazardous Substance
Brownfield
Utsit'ahwdelggeyi
Łuu bene'
Human Health
Water
Biological
Radiological
Nahwnilkuun'
Contaminant
Element One
Glacial Lake
Tribal Response
Program
Air
Food
Physical

H	M	O	N	O	R	T	H	E	S	A	C	R	E	D	H	O	N	O	S	R	T
H	E	A	E	E	A	C	O	N	T	A	M	I	N	A	N	T	R	T	O	H	E
O	U	R	R	M	C	O	T	H	C	U	X	U	'	D	I	N	I	I	E	N	
H	R	D	H	G	O	N	N	O	R	T	H	E	E	L	D	E	R	S	L	H	O
O	T	N	E	O	O	R	A	R	A	L	L	W	I	T	H	W	H	A	O	I	T
M	W	L	E	E	S	R	E	T	I	H	A	R	E	T	L	H	C	E	Y	U	N
E	A	R	A	T	D	T	P	H	S	A	L	L	F	A	O	I	U	E	R	G	E
B	L	E	G	E	A	G	E	E	B	A	A	C	D	G	S	G	T	'	H	M	
R	P	W	G	W	H	O	H	L	S	C	U	I	U	O	E	G	G	E	G	E	
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W	L	E	D	O	A	N	A	G	I	Y	O	O	S	E	A	E	E	S	S	I	E
N	L	W	I	M	M	C	O	M	H	W	I	P	D	U	B	P	F	O	O	D	E
F	U	R	S	C	R	L	I	P	U	B	T	W	S	U	O	A	E	W	L	Z	E
I	T	R	S	P	O	L	A	A	N	H	H	R	U	E	T	D	A	V	N	A	D
E	A	R	O	I	C	K	P	E	L	A	O	L	I	P	R	L	R	E	A	E	W
L	N	A	D	L	K	I	N	B	'	L	A	L	A	D	N	L	C	A	E	N	A
D	T	A	N	D	B	E	A	T	U	T	A	Y	A	N	Y	O	A	N	Z	Y	M
O	R	U	S	N	A	T	I	I	V	E	A	K	M	E	R	T	I	B	C	A	A
N	E	L	D	E	R	S	T	S	I	N	'	A	E	E	N	N	R	E	I	K	H
'	E	L	T	A	T	N	E	M	N	O	R	I	V	N	E	E	N	I	I	R	X
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R	D	C	H	I	O	L	E	R	O	2	0	2	L	A	C	I	M	E	H	C	2



@brownfieldbear

SLAAGHE DELA DEZENDA?

CAN YOU HELP?

Curious about the Tribal Response Program? Wanna talk about brownfields or have me do a presentation? Got an idea for an article you'd like to see? I'd love to hear from you!

Richard Chiolero

CVTC Tribal Response Program Coordinator

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website: <https://www.chickaloon-nsn.gov/tribal-response-program/>

utsit'ahwdelggeyi - yarrow