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Subject:	A better alternative for Eklutna Hydro
Date:	Monday, February 12, 2024 5:13:43 PM

Greetings,

I am Chris Nyman, a lifelong Chugach and MLP customer.

I have recently stuck my nose into the Eklutna Fish and Wildlife mitigation project. When I read that various parties were asking for the dam to be removed I was astonished.

That got my curiosity going so I dug into this a little bit. I am a retired civil engineer . I don't think many people realize that removing the dam is about the same as removing the entire Eklutna Hydropower Project.

It seems antithetical that one would contemplate removing the most economical and "greenest" energy source we have.

I realize also that there has been an environmental price to pay and so the notion of restoring a minimum flow to the riverbed is laudable.

Therefore I believe that the proposed mitigation should concentrate on releasing water from the dam at the most practical times.

A perfect solution will not be found due to the continued operation of Eklutna Lake as a clean energy reservoir.

This operation seasonally lowers the lake level 25' below the spillway drain which makes the idea of supplementing the river flow difficult to accomplish.

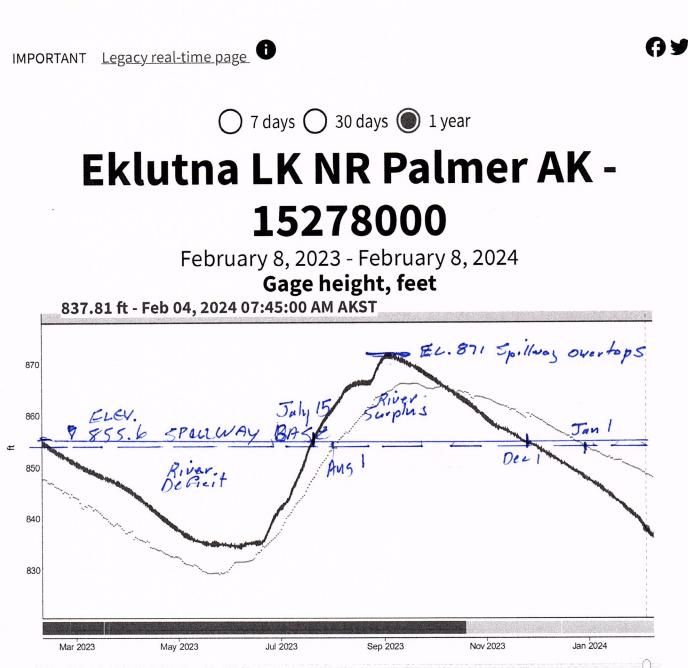
Attached is a concept I developed in an attempt to maximize the improvement to base flow without sacrificing the capacity and operation of the Hydropower project. Also attached is a recent 1 year look at the water level in Eklutna Lake and how it relates to the dam. Notably the lake level is high enough in mid-July through December to continually drain water through the spillway drain. My proposal, if feasible would supplement the upper reach river flow through drainage improvements when lake levels are too low.

Its a lot to present on a couple sheets of hand scratches but I think it is a good compromise that achieves some of the restoration goals of those that are calling for the abandonment of the Eklutna Hydropower Project. AND still maintaining the efficient energy supply we enjoy from our "greenest" energy source.

Truly yours....Chris Nyman

"I holding pond Dec 15 to July 15 on avg." "I provides a source for minimum stream frow." Submitted By Chris F. Nyman haikuguy 2003 @yahoo.com

MENU



IMPORTANT Data may be provisional

Show legend ∨

	Value	Status	Time
Latest value	836.42 ft	Provisional	Feb 08, 2024 16:00:00 PM AKST
Selected	837.81 ft	Provisional	Feb 04, 2024 07:45:00 AM AKST
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